



A.K. CHAPAGAIN

A.Y. HOEKSTRA

NOVEMBER 2004

WATER FOOTPRINTS OF NATIONS

VOLUME 2: APPENDICES

VALUE OF WATER

RESEARCH REPORT SERIES No. 16



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Appendix I. Symbols

Symbol	Unit	Description
AWU	m^3/yr	Agricultural water use (crop evapotranspiration) in a country
$CWR[c]$	m^3/ha	Crop water requirement of crop c per crop period
$CWU[c]$	m^3/yr	Crop water use in order to produce a particular crop c in a country
DWW	m^3/yr	Domestic water withdrawal in a country
$ET_0[d]$	mm/day	Reference evapotranspiration in a country in day d
$ET_c[c,d]$	mm/day	Crop evapotranspiration of a crop c in day d
$EWFP$	m^3/yr	External water footprint of a country
$IWFP$	m^3/yr	Internal water footprint of a country
IWW	m^3/yr	Industrial water withdrawal in a country
$K_c[c,d]$	-	Crop coefficient of a crop c in day d in a country
$NVWI$	m^3/yr	Net virtual water import of a country
$pf[p]$	ton/ton	Product fraction of product p
$Production[c]$	ton/yr	Production of crop c in a country
$PWR[a]$	m^3/ton	Process water requirement per ton of live animal a
$PWR[c]$	m^3/ton	Process water requirement per ton of primary crop c
$vf[p]$	-	Value fraction of product p
VWC	m^3/ton or $m^3/US\$$	Virtual water content of a product
$VWC[a]$	m^3/ton	Virtual water content of live animal a
VWC_g	$m^3/US\$$	Global average virtual water content of a product
VWE	m^3/yr	Total virtual water export from a country
VWE_{dom}	m^3/yr	Virtual water export from a country insofar related to export of domestically produced products
$VWE_{re-export}$	m^3/yr	Virtual water export from a country insofar related to re-export of imported products
VWI	m^3/yr	Virtual water import into a country
$W[a]$	ton	Weight of animal a at the end of its life span
$W[c]$	ton	Weight of primary crop c
$W_p[p]$	ton	Weight of primary product p
WA	m^3/yr	Water availability in a country
WD	%	Water import dependency of a country
WFP	m^3/yr	Water footprint of a country
WFP_{pc}	$m^3/cap/yr$	Average water footprint per capita in a country
WS	%	Water scarcity in a country
WSS	%	Water self-sufficiency of a country
$Yield[c]$	ton/ha	Yield of crop c in a country

Dimension	Number of elements	Description	Size	Remarks
a	$[1, n_a]$	Kinds of animal	$n_a= 8$	See Section 3.2
c	$[1, n_c]$	Primary crop types	$n_c=164$	See Appendix III
e	$[1, n_e]$	Countries	$n_e= 243$	See Appendix II
p	$[1, n_p]$	Crop and livestock products	$n_p= 408$	See Appendix IV

Appendix II. Data availability for the countries of the world

ISO 3166 alpha 3	FAOSTAT Code	Production data ¹ (FAOSTAT)	Climatic data ² (CRU)	Average elevation, latitude and wind speed ³ (CLIMWAT)	Trade data ⁴ (PC-TAS)	
					Partner countries ⁵	Reporter countries ⁵
AFG	2	Afghanistan	Afghanistan	Afghanistan	AFGHANISTAN	
ALB	3	Albania	Albania		ALBANIA	ALBANIA
DZA	4	Algeria	Algeria	Algeria	ALGERIA	ALGERIA
ASM	5	American Samoa	American Samoa			
AGO	7	Angola	Angola	Angola	ANGOLA	
ATG	8	Antigua and Barbuda	Antigua	Antigua Barb	ANTIGUA BARB	ANTIGUA BARB
ARG	9	Argentina	Argentina	Argentina	ARGENTINA	ARGENTINA
ARM	1	Armenia	Armenia		ARMENIA	ARMENIA
AUS	10	Australia	Australia		AUSTRALIA	AUSTRALIA
AUT	11	Austria	Austria		AUSTRIA	AUSTRIA
AZE	52	Azerbaijan, Republic of	Azerbaijan		AZERBAIJAN	AZERBAIJAN
BHS	12	Bahamas	Bahamas	Bahamas	BAHAMAS	BAHAMAS
BHR	13	Bahrain	Bahrain	Bahrain	BAHRAIN	BAHRAIN
BGD	16	Bangladesh	Bangladesh	Bangladesh	BANGLADESH	BANGLADESH
BRB	14	Barbados	Barbados	Barbados	BARBADOS	BARBADOS
BLR	57	Belarus	Belarus		BELARUS	BELARUS
BEL	255	Belgium	Belgium	Belgium	BELGIUM	BELGIUM
BLX	15	Belgium-Luxembourg	Belgium-Luxembourg		BELGIUM-LUX	BELGIUM-LUX
BLZ	23	Belize	Belize	Belize	BELIZE	BELIZE
BEN	53	Benin	Benin	Benin	BENIN	BENIN
BMU	17	Bermuda	Bermuda	Bermuda	BERMUDA	
BTN	18	Bhutan	Bhutan		BHUTAN	BHUTAN
BOL	19	Bolivia	Bolivia	Bolivia	BOLIVIA	BOLIVIA
BIH	80	Bosnia and Herzegovina	Bosnia-Herzegovina		BOSNIA HERZG	
BWA	20	Botswana	Botswana	Botswana	BOTSWANA	BOTSWANA
BRA	21	Brazil	Brazil	Brazil	BRAZIL	BRAZIL
VGB	239	British Virgin Islands	Virgin Isl	Virgins	BR.VIRGIN IS	
BRN	26	Brunei Darussalam	Brunei		BRUNEI DAR.	BRUNEI DAR.
BGR	27	Bulgaria	Bulgaria		BULGARIA	BULGARIA
BFA	233	Burkina Faso	Burkina Faso	Burkina Faso	BURKINA FASO	
BDI	29	Burundi	Burundi	Burundi	BURUNDI	BURUNDI
KHM	115	Cambodia	Cambodia	Kampuchea	CAMBODIA	
CMR	32	Cameroon	Cameroon	Cameroon	CAMEROON	CAMEROON
CAN	33	Canada	Canada		CANADA	CANADA
CPV	35	Cape Verde	Cape Verde Isl	Cape Verde	CAPE VERDE	CAPE VERDE
CYM	36	Cayman Islands	Cayman Islands	Cayman Isl ds	CAYMAN ISLDS	
CAF	37	Central African Republic	Central African Rep	Cent.Af.Rep	CENT.AF.REP	
TCD	39	Chad	Chad	Chad	CHAD	
CHL	40	Chile	Chile	Chile	CHILE	CHILE
CHN	357	China	China	China	CHINA	CHINA
CCK	43	Cocos Islands	Cocos Isl		COCOS ISLND S	
COL	44	Colombia	Colombia	Colombia	COLOMBIA	COLOMBIA
COM	45	Comoros	Comoros	Comoros	COMOROS	COMOROS
COD	250	Congo, Dem Republic of	Zaire	Zaire	CONGO, D.R.	
COG	46	Congo, Republic of	Congo	Congo	CONGO	
COK	47	Cook Islands	Cook Isl		COOK ISLANDS	
CRI	48	Costa Rica	Costa Rica	Costa Rica	COSTA RICA	COSTA RICA
CIV	107	Côte d'Ivoire	Ivory Coast	Ivorycst	COTE DIVOIRE	COTE DIVOIRE
HRV	98	Croatia	Croatia		CROATIA	CROATIA
CUB	49	Cuba	Cuba	Cuba	CUBA	
CYP	50	Cyprus	Cyprus	Cyprus	CYPRUS	CYPRUS
CZE	167	Czech Republic	Czech Republic		CZECH REP	CZECH REP

ISO 3166 alpha 3	FAOSTAT Code	Production data ¹ (FAOSTAT)	Climatic data ² (CRU)	Average elevation, latitude and wind speed ³ (CLIMWAT)	Trade data ⁴ (PC-TAS)	
					Partner countries ⁵	Reporter countries ⁵
DNK	54	Denmark	Denmark		DENMARK	DENMARK
DJI	72	Djibouti	Djibouti	Djibouti	DJIBOUTI	
DMA	55	Dominica	Dominica	Dominica	DOMINICA	DOMINICA
DOM	56	Dominican Republic	Dominican Republic	Dominican Rp	DOMINICAN RP	DOMINICAN RP
TMP	176	East Timor	East Timor	Timor Leste	East Timor	
ECU	58	Ecuador	Ecuador	Ecuador	ECUADOR	ECUADOR
EGY	59	Egypt	Egypt	Egypt	EGYPT	EGYPT
SLV	60	El Salvador	El Salvador	El Salvador	EL SALVADOR	EL SALVADOR
GNQ	61	Equatorial Guinea	Equatorial Guinea	Eq.Guinea	EQ.GUINEA	
ERI	178	Eritrea	Eritrea		ERITREA	
EST	63	Estonia	Estonia		ESTONIA	ESTONIA
ETH	238	Ethiopia	Ethiopia	Ethiopia	ETHIOPIA	ETHIOPIA
FRO	64	Faeroe Islands	Faeroes		FAEROE ISLDS	
FJI	66	Fiji Islands	Fiji		FIJI	FIJI
FIN	67	Finland	Finland		FINLAND	FINLAND
FRA	68	France	France	France	FRANCE	FRANCE
GUF	69	French Guiana	French Guiana	Fr.Guiana	FR.GUIANA	
PYF	70	French Polynesia	French Polynesia		FR.POLYNESIA	
GAB	74	Gabon	Gabon	Gabon	GABON	GABON
GMB	75	Gambia	Gambia	Gambia	GAMBIA	GAMBIA
GEO	73	Georgia	Georgia		GEORGIA	GEORGIA
DEU	79	Germany	Germany		GERMANY	GERMANY
GHA	81	Ghana	Ghana	Ghana	GHANA	GHANA
GRC	84	Greece	Greece	Greece	GREECE	GREECE
GRD	86	Grenada	Grenada		GRENADA	GRENADA
GLP	87	Guadeloupe	Guadeloupe	Guadeloupe	GUADELOUPE	
GUM	88	Guam	Guam			
GTM	89	Guatemala	Guatemala	Guatemala	GUATEMALA	GUATEMALA
GIN	90	Guinea	Guinea	Guinea	GUINEA	GUINEA
GNB	175	Guinea-Bissau	Guinea-Bissau	Guinea Bissau	GUINEABISSAU	
GUY	91	Guyana	Guyana	Guyana	GUYANA	
HTI	93	Haiti	Haiti	Haiti	HAITI	HAITI
HND	95	Honduras	Honduras	Honduras	HONDURAS	HONDURAS
HUN	97	Hungary	Hungary		HUNGARY	HUNGARY
ISL	99	Iceland	Iceland		ICELAND	ICELAND
IND	100	India	India	India	INDIA	INDIA
IDN	101	Indonesia	Indonesia	Indonesia	INDONESIA	INDONESIA
IRN	102	Iran, Islamic Rep of	Iran	Iran	IRAN (ISLM.R)	IRAN (ISLM.R)
IRQ	103	Iraq	Iraq	Iraq	IRAQ	
IRL	104	Ireland	Ireland		IRELAND	IRELAND
ISR	105	Israel	Israel		ISRAEL	ISRAEL
ITA	106	Italy	Italy	Italy	ITALY	ITALY
JAM	109	Jamaica	Jamaica	Jamaica	JAMAICA	JAMAICA
JPN	110	Japan	Japan	Japan	JAPAN	JAPAN
JOR	112	Jordan	Jordan	Jordan	JORDAN	JORDAN
KAZ	108	Kazakhstan	Kazakhstan		KAZAKSTAN	KAZAKSTAN
KEN	114	Kenya	Kenya	Kenya	KENYA	KENYA
KIR	83	Kiribati	Kiribati		KIRIBATI	KIRIBATI
PRK	116	Korea, Dem People's Rep	North Korea		KOREA D P RP	
KOR	117	Korea, Republic of	South Korea	Korea South	KOREA REP.	KOREA REP.
KWT	118	Kuwait	Kuwait	Kuwait	KUWAIT	
KGZ	113	Kyrgyzstan	Kyrgyzstan		KYRGYZSTAN	
LAO	120	Laos	Laos	Lao	LAO P.DEM.R	
LVA	119	Latvia	Latvia		LATVIA	LATVIA
LBN	121	Lebanon	Lebanon	Lebanon	LEBANON	LEBANON

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					Partner countries ⁵	Reporter countries ⁵
LSO	122	Lesotho	Lesotho	Lesotho	LESOTHO	
LBR	123	Liberia	Liberia	Liberia	LIBERIA	
LBY	124	Libyan Arab Jamahiriya	Libya	Libya	LIBYA	
LIE	125	Liechtenstein	Liechtenstein			
LTU	126	Lithuania	Lithuania		LITHUANIA	LITHUANIA
LUX	256	Luxembourg	Luxembourg	Luxembourg	LUXEMBOURG	LUXEMBOURG
MKD	154	Macedonia, The Fmr Yug Rp	Macedonia		MACEDONIA, TFYR	MACEDONIA, TFYR
MDG	129	Madagascar	Madagascar	Madagascar	MADAGASCAR	MADAGASCAR
MWI	130	Malawi	Malawi	Malawi	MALAWI	
MYS	131	Malaysia	Malaysia	Malaysia	MALAYSIA	MALAYSIA
MDV	132	Maldives	Maldives	Maldives	MALDIVES	MALDIVES
MLI	133	Mali	Mali	Mali	MALI	MALI
MLT	134	Malta	Malta		MALTA	MALTA
MHL	127	Marshall Islands	Marshall Isl		MARSHALL IS.	
MTQ	135	Martinique	Martinique	Martinique	MARTINIQUE	
MRT	136	Mauritania	Mauritania	Mauritania	MAURITANIA	
MUS	137	Mauritius	Mauritius	Mauritius	MAURITIUS	MAURITIUS
MEX	138	Mexico	Mexico	Mexico	MEXICO	MEXICO
FSM	145	Micronesia, Fed States of	Micronesia		MICRON, F.ST	
MDA	146	Moldova, Republic of	Moldavia		MOLDOVA REP.	MOLDOVA REP.
MNG	141	Mongolia	Mongolia		MONGOLIA	MONGOLIA
MSR	142	Montserrat	Montserrat	Montserrat	MONTERRAT	
MAR	143	Morocco	Morocco	Morocco	MOROCCO	MOROCCO
MOZ	144	Mozambique	Mozambique	Mozambique	MOZAMBIQUE	MOZAMBIQUE
MMR	28	Myanmar	Myanmar	Burma	MYANMAR	
NAM	147	Namibia	Namibia	Namibia	NAMIBIA	
NRU	148	Nauru	Nauru		NAURU	
NPL	149	Nepal	Nepal	Nepal	NEPAL	NEPAL
NLD	150	Netherlands	Holland		NETHERLANDS	NETHERLANDS
NCL	153	New Caledonia	New Caledonia		N.CALEDONIA	
NZL	156	New Zealand	New Zealand		NEW ZEALAND	NEW ZEALAND
NIC	157	Nicaragua	Nicaragua	Nicaragua	NICARAGUA	NICARAGUA
NER	158	Niger	Niger	Niger	NIGER	NIGER
NGA	159	Nigeria	Nigeria	Nigeria	NIGERIA	NIGERIA
NIU	160	Niue	Niue		NIUE	
NOR	162	Norway	Norway		NORWAY	NORWAY
OMN	221	Oman	Oman	Oman	OMAN	OMAN
PAK	165	Pakistan	Pakistan	Pakistan	PAKISTAN	
PAN	166	Panama	Panama	Panama	PANAMA	PANAMA
PNG	168	Papua New Guinea	Papua New Guinea	Papua N.Guin	PAPUA N.GUIN	PAPUA N.GUIN
PRY	169	Paraguay	Paraguay	Paraguay	PARAGUAY	PARAGUAY
PER	170	Peru	Peru	Peru	PERU	PERU
PHL	171	Philippines	Philippines	Philippines	PHILIPPINES	PHILIPPINES
POL	173	Poland	Poland	Portugal	POLAND	POLAND
PRT	174	Portugal	Portugal		PORTUGAL	PORTUGAL
PRI	177	Puerto Rico	Puerto Rica			
QAT	179	Qatar	Qatar	Qatar	QATAR	QATAR
REU	182	Réunion	Reunion		REUNION	
ROU	183	Romania	Romania		ROMANIA	ROMANIA
RUS	185	Russian Federation	Russia		RUSSIAN FED	RUSSIAN FED
RWA	184	Rwanda	Rwanda	Rwanda	RWANDA	
KNA	188	Saint Kitts and Nevis	St Kitts	St.Kitts Nev	ST.KITTS NEV	ST.KITTS NEV
LCA	189	Saint Lucia	St Lucia	St.Lucia	ST.LUCIA	
SPM	190	Saint Pierre & Miquelon			ST.PIER.MIQU	
VCT	191	Saint Vincent/Grenadines	St Vincent		S.VINCENT-GR	S.VINCENT-GR

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					Partner countries ⁵	Reporter countries ⁵
WSM	244	Samoa	Samoa		SAMOA	
STP	193	Sao Tome and Principe	Sao Tome + Principe	Sao Tome Prn	SAO TOME PRN	
SAU	194	Saudi Arabia	Saudi Arabia	Saudi Arabia	SAUDI ARABIA	SAUDI ARABIA
SEN	195	Senegal	Senegal	Senegal	SENEGAL	SENEGAL
YUG	186	Serbia and Montenegro	Yugoslavia	Yugoslavia	YUGOSLAVIA	YUGOSLAVIA
SYC	196	Seychelles	Seychelles	Seychelles	SEYCHELLES	
SLE	197	Sierra Leone	Sierra Leone	Sierra Leone	SIERRA LEONE	
SGP	200	Singapore	Singapore	Singapore	SINGAPORE	SINGAPORE
SVK	199	Slovakia	Slovakia		SLOVAKIA	SLOVAKIA
SVN	198	Slovenia	Slovenia		SLOVENIA	SLOVENIA
SLB	25	Solomon Islands	Solomon Isl		SOLOMON ISLS	
SOM	201	Somalia	Somalia	Somalia	SOMALIA	
ZAF	202	South Africa	South Africa	South Africa	SOUTH AFRICA	SOUTH AFRICA
ESP	203	Spain	Spain	Spain	SPAIN	SPAIN
LKA	38	Sri Lanka	Sri Lanka	Sri Lanka	SRI LANKA	SRI LANKA
SHN	187	St Helena	St Helena		ST.HELENA	
SDN	206	Sudan	Sudan	Sudan	SUDAN	SUDAN
SUR	207	Suriname	Surinam	Suriname	SURINAME	SURINAME
SWZ	209	Swaziland	Swaziland	Swaziland	SWAZILAND	SWAZILAND
SWE	210	Sweden	Sweden		SWEDEN	SWEDEN
CHE	211	Switzerland	Switzerland		SWITZ.LIECHT	SWITZ.LIECHT
SYR	212	Syrian Arab Republic	Syria	Syria	SYRIA A. R.	
TJK	208	Tajikistan	Tajikistan		TAJIKISTAN	TAJIKISTAN
TZA	215	Tanzania, United Rep of	Tanzania	Tanzania	TANZANIA, U.R	TANZANIA, U.R
THA	216	Thailand	Thailand	Thailand	THAILAND	THAILAND
TGO	217	Togo	Togo	Togo	TOGO	TOGO
TKL	218	Tokelau	Tokelau Isl		TOKELAU	
TON	219	Tonga	Tonga		TONGA	TONGA
TTO	220	Trinidad and Tobago	Trinidad and Tobago	Trinidad Tobago	TRINIDAD TBG	TRINIDAD TBG
TUN	222	Tunisia	Tunisia	Tunisia	TUNISIA	TUNISIA
TUR	223	Turkey	Turkey	Turkey	TURKEY	TURKEY
TKM	213	Turkmenistan	Turkmenistan		TURKMENISTAN	TURKMENISTAN
TUV	227	Tuvalu	Tuvalu		TUVALU	
UGA	226	Uganda	Uganda	Uganda	UGANDA	UGANDA
UKR	230	Ukraine	Ukraine		UKRAINE	
ARE	225	United Arab Emirates	United Arab Emirates	Untd Arab Emirates	UNTD ARAB EM	UNTD ARAB EM
GBR	229	United Kingdom	United Kingdom		UNTD KINGDOM	UNTD KINGDOM
USA	231	United States of America	USA		USA,PR,USVI	USA,PR,USVI
URY	234	Uruguay	Uruguay	Uruguay	URUGUAY	URUGUAY
UZB	235	Uzbekistan	Uzbekistan	Tashkant C	UZBEKISTAN	
VUT	155	Vanuatu	Vanatu		VANUATU	VANUATU
VEN	236	Venezuela, Boliv Rep of	Venezuela	Venezuela	VENEZUELA	VENEZUELA
VNM	237	Viet Nam	Vietnam	Viet Nam	VIET NAM	
WLF	243	Wallis and Futuna Is	Isl Wallis		WALLIS FUT.I	
ESH	205	Western Sahara	Western Sahara	Western Sahara	WEST.SAHARA	
YEM	249	Yemen	Yemen	Yemen-N	YEMEN	
ZMB	251	Zambia	Zambia	Zambia	ZAMBIA	ZAMBIA
ZWE	181	Zimbabwe	Zimbabwe	Zimbabwe	ZIMBABWE	ZIMBABWE
AND	6		Andorra		ANDORRA	ANDORRA
CXR	42		Christmas Isl		CHRISTMAS IS	
FLK	65		Falkland Isl	Falkland Isl	FALKLAND ISL	
GIB	82		Gibraltar		GIBRALTAR	
GRL	85				GREENLAND	GREENLAND
HKG	96		Hong Kong	Hong Kong	HONG KONG	HONG KONG
MAC	128		Macau	Macau	MACAU	MACAU
MNP	163		Northern Marianas		N. MARIANA	
PLW	180		Palau Isl		PALAU	
AIA	258		Anguilla		ANGUILLA	

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					Partner countries ⁵	Reporter countries ⁵
899					AREAS NES	
ARB					ARUBA	
080					BR. ANTC TERR	
IOT					BR.IND.OC.TR	
471					CACM NES	
129					CARIBBEAN NS	
697					EFTA NES	
492					EUROPE EU NS	
837					FOR SHIPS	
ATF					FR.SO.ANT.TR	
838					FREE ZONES	
437					LAIA NES	
879					MID.EAST.NES	
ANT				ANTILES	NETH.ANTILES	
NTZ					NEUTRAL ZONE	
NFK					NORFOLK ISLD	
290					NRTHRN.AF.NS	
527					OCEANIA NES	
568					OTH.EUR.NES	
577					OTHR.AFR.NES	
PCN					PITCAIRN	
636					REST AMER.NES	
ZAF					S.AFR.CUS.UN	S.AFR.CUS.UN
839					SPEC CATS	
TWN					TAIWAN (POC)	
TCA				TURKS CA.ISL	TURKS CA.ISL	
849					US MSC.PAC	

220

210

218

140

243

146

¹ Crop production and crop yield data have been taken from FAOSTAT on-line database of FAO for the period 1997-2001. Production figures for China includes Taiwan also. The production of Anguilla is included inside St. Kittis and Nevis. Afghanistan, Iraq and Somalia are not included in the FAOSTAT database updated after Feb 2004.

² Climate data for countries and territories have been taken from CRU, average for 1960-90.

³ Wind speed, elevation and latitude have been taken mainly from CLIMWAT for the capital of the country..

⁴ Trade data have been taken from PC-TAS for the period 1997-2001. The trade flows of Belgium and Luxembourg are represented as Belgium-Lux for the period of 1997-99, and for the period of 1998-2001 these data are available separately for each country.

⁵ Trade data are reported by a limited number of countries called 'reporting countries' in the PC-TAS database. The 'reporting countries' report trade with so-called 'partner countries'.

Appendix III. List of primary crops in FAOSTAT

FAOSTAT Code	Crops
15	Wheat
27	Rice, Paddy
44	Barley
56	Maize
71	Rye
75	Oats
79	Millet
83	Sorghum
89	Buckwheat
92	Quinoa
94	Fonio
97	Triticale
101	Canary Seed
103	Mixed Grain
108	Cereals nes
116	Potatoes
122	Sweet Potatoes
125	Cassava
135	Yautia (Cocoyam)
136	Taro (Coco Yam)
137	Yams
149	Roots and Tubers nes
156	Sugar Cane
157	Sugar Beets
161	Sugar Crops nes
176	Beans, Dry
181	Broad Beans, Dry
187	Peas, Dry
191	Chick-Peas
195	Cow Peas, Dry
197	Pigeon Peas
201	Lentils
203	Bambara Beans
205	Vetches
210	Lupins
211	Pulses nes
216	Brazil Nuts
217	Cashew Nuts
220	Chestnuts
221	Almonds
222	Walnuts
223	Pistachios
224	Kolanuts
225	Hazelnuts (Filberts)
226	Areca Nuts (Betel)
234	Nuts nes
236	Soybeans
242	Groundnuts in Shell
249	Coconuts
254	Oil Palm Fruit
260	Olives
265	Castor Beans
267	Sunflower Seed

FAOSTAT Code	Crops
280	Safflower Seed
289	Sesame Seed
292	Mustard Seed
296	Poppy Seed
299	Melonseed
310	Kapok Fruit
328	Seed Cotton
333	Linseed
336	Hempseed
339	Oilseeds nes
358	Cabbages
366	Artichokes
367	Asparagus
372	Lettuce
373	Spinach
388	Tomatoes
393	Cauliflower
394	Pumpkins, Squash, Gourds
397	Cucumbers and Gherkins
399	Eggplants
401	Chillies&Peppers, Green
402	Onions+Shallots, Green
403	Onions, Dry
406	Garlic
407	Leeks and Oth.Alliac.Veg
414	Beans, Green
417	Peas, Green
420	Broad Beans, Green
423	String Beans
426	Carrots
430	Okra
446	Green Corn (Maize)
461	Carobs
463	Vegetables Fresh nes
486	Bananas
489	Plantains
490	Oranges
495	Tang.Mand.Clement.Satsma
497	Lemons and Limes
507	Grapefruit and Pomelos
512	Citrus Fruit nes
515	Apples
521	Pears
526	Apricots
530	Sour Cherries
531	Cherries
534	Peaches and Nectarines
536	Plums
541	Stone Fruit nes, Fresh
544	Strawberries
547	Raspberries
549	Gooseberries
550	Currants

FAOSTAT Code	Crops
270	Rapeseed
277	Jobba Seeds
558	Berries nes
560	Grapes
567	Watermelons
568	Cantaloupes&oth Melons
569	Figs
571	Mangoes
572	Avocados
574	Pineapples
577	Dates
591	Cashewapple
592	Kiwi Fruit
600	Papayas
603	Fruit Tropical Fresh nes
619	Fruit Fresh nes
636	Maize for Forage+Silage
637	Sorghum for Forage+Silag
638	Rye Grass,Forage+Silage
639	Grasses nes,Forage+Silag
640	Clover for Forage+Silage
641	Alfalfa for Forage+Silag
642	Green Oilseeds fr Fodder
643	Leguminous nes,For+Sil
644	Cabbage for Fodder
646	Turnips for Fodder
647	Beets for Fodder
648	Carrots for Fodder
649	Swedes for Fodder

FAOSTAT Code	Crops
552	Blueberries
554	Cranberries
655	Vegetables+Roots,Fodder
656	Coffee, Green
661	Cocoa Beans
667	Tea nes
674	Tea
677	Hops
687	Pepper,White/Long/Black
689	Pimento, Allspice
692	Vanilla
693	Cinnamon (Canella)
698	Cloves, Whole+Stems
702	Nutmeg, Mace, Cardamons
711	Anise, Badian, Fennel
720	Ginger
723	Spices nes
748	Peppermint
773	Flax Fibre and Tow
777	Hemp Fibre and Tow
780	Jute
782	Jute-Like Fibres
788	Ramie
789	Sisal
800	Agave Fibres nes
809	Abaca (Manila Hemp)
821	Fibre Crops nes
826	Tobacco Leaves
836	Natural Rubber

Appendix IV. Global trade volumes, trade values and average world market prices of crop and livestock products in the period 1997-2001

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
Crops and crop products				
070190	Potatoes, fresh or chilled nes	1203546	6595174	182
070200	Tomatoes, fresh or chilled	3082246	3600710	856
070310	Onions and shallots, fresh or chilled	1020507	3453617	295
070320	Garlic, fresh or chilled	506133	742765	681
070390	Leeks and other alliaceous vegetables, fresh or chilled	153469	188212	815
070410	Cauliflowers and headed broccoli, fresh or chilled	368371	545030	676
070420	Brussels sprouts, fresh or chilled	53320	82698	645
070490	Cabbages,kohlrabi,kale and sim edible brassicas nes,fresh or chilled	541589	1140186	475
070511	Cabbage lettuce (head lettuce) fresh or chilled	477915	671019	712
070519	Lettuce, fresh or chilled nes	345403	419147	824
070610	Carrots and turnips, fresh or chilled	399338	1253024	319
070690	Salad beetroot,salsif,celeriac,radish&sim edibl roots,fresh/chilld nes	198718	373676	532
070700	Cucumbers and gherkins, fresh or chilled	833948	1277338	653
070810	Peas, shelled or unshelled, fresh or chilled	154053	184859	833
070820	Beans, shelled or unshelled, fresh or chilled	294596	256523	1148
070890	Leguminous vegetables, shelled or unshelled, fresh or chilled nes	35320	54856	644
070910	Globe artichokes, fresh or chilled	46796	52509	891
070920	Asparagus, fresh or chilled	502596	185874	2704
070930	Aubergines(egg-plants), fresh or chilled	141750	170666	831
070940	Celery, other than celeriac, fresh or chilled	125186	274437	456
070960	Peppers of the genus Capsicum or of the genus Pimenta,fresh or chilled	1639897	1276027	1285
070970	Spinach,N-Z spinach & orache spinach (garden spinach),fresh or chilled	43367	74112	585
070990	Vegetables, fresh or chilled nes	1087241	1478614	735
071010	Potatoes, frozen	207378	313430	662
071021	Peas, frozen	216517	282924	765
071022	Beans, frozen	167640	213846	784
071029	Leguminous vegetables frozen nes	158988	119193	1334
071030	Spinach, N-Z spinach and orache spinach (garden spinach), frozen	114017	148471	768
071040	Sweet corn, frozen	199132	336077	593
071080	Vegetables, frozen nes	1178116	1414652	833
071090	Mixtures of vegetables, frozen	306368	385999	794
071110	Onions,provisionally preservd but nt suitable f immediate consumption	13264	24276	546
071120	Olives,provisionally preservd but nt suitable f immediate consumption	88037	68869	1278
071140	Cucumbers&gherkins provisionally presvd,but nt f immediate consumption	59626	113733	524
071190	Vegetables nes&mixtures provis presvd but nt f immediate consumptn	276364	292513	945
071220	Onions dried but not further prepared	167764	95123	1764
071290	Vegetables and mixtures dried, but not further prepared nes	621666	281518	2208
071310	Peas dried, shelled, whether or not skinned or split	581686	2724671	213
071320	Chickpeas, dried, shelled, whether or not skinned or split	253598	517855	490
071331	Urd,mung,black/green gram beans drid shelld,whether/not skinnd/split	148880	272547	546
071332	Beans,small red (Adzuki) dried,shelled,whether or not skinned or split	50360	89448	563
071333	Kidney beans&white pea beans drid shelld,whether o not skinnd o split	678514	1166149	582
071339	Beans dried, shelled, whether or not skinned or split, nes	166631	322062	517
071340	Lentils dried, shelled, whether or not skinned or split	395001	863903	457
071350	Broad beans&horse beans dried,shelled,whether or not skinned or split	107925	410488	263
071390	Leguminous vegetables dried,shelled,whether or not skinnd o split,nes	101183	273920	369
071410	Manioc (cassava), fresh or dried, whether or not sliced or pelleted	436764	4699142	93
071420	Sweet potatoes, fresh or dried, whether or not sliced or pelleted	36376	76894	473

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
071490	Arrowroot,salep etc fr o drid whether o not slicd o pelletd&sago pith	183162	214929	852
080211	Almonds in shell fresh or dried	80896	35222	2297
080212	Almonds,fresh or dried,shelled or peeled	912677	253184	3605
080221	Hazelnuts or filberts in shell fresh or dried	37305	22571	1653
080222	Hazelnuts or filberts, fresh or dried, shelled or peeled	716431	193617	3700
080231	Walnuts in shell, fresh or dried	143521	78396	1831
080232	Walnuts, fresh or dried, shelled or peeled	226425	62939	3598
080240	Chestnuts, fresh or dried, whether or not shelled or peeled	190057	93042	2043
080250	Pistachios, fresh or dried, whether or not shelled or peeled	520531	163796	3178
080290	Nuts edible, fresh or dried, whether or not shelled or peeled, nes	431734	199668	2162
080300	Bananas including plantains, fresh or dried	6392347	14016162	456
080410	Dates, fresh or dried	234898	359256	654
080420	Figs, fresh or dried	274944	167712	1639
080430	Pineapples, fresh or dried	600023	993776	604
080440	Avocados, fresh or dried	382052	301128	1269
080450	Guavas, mangoes and mangosteens, fresh or dried	505406	562890	898
080510	Oranges, fresh or dried	2194595	4429460	495
080520	Mandarins(tang&sats)clementines&wilkgs &sim citrus hybrids,fresh/drid	1537593	2255482	682
080530	Lemons and limes, fresh or dried	834353	1386769	602
080540	Grapefruit, fresh or dried	631068	1040598	606
080590	Citrus fruits, fresh or dried, nes	41296	57688	716
080610	Grapes, fresh	2741597	2295511	1194
080620	Grapes, dried	708701	610978	1160
080720	Papaws (papayas), fresh	122812	141192	870
080810	Apples, fresh	2787879	4769649	585
080820	Pears and quinces, fresh	1084275	1595699	679
080910	Apricots, fresh	177327	168938	1050
080920	Cherries, fresh	396647	177605	2233
080930	Peaches, including nectarines, fresh	981765	1070123	917
080940	Plums and sloes, fresh	383051	406527	942
081010	Strawberries, fresh	795159	466433	1705
081020	Raspberries, blackberries, mulberries and loganberries, fresh	96057	47097	2040
081030	Black, white or red currants and gooseberries, fresh	35794	32818	1091
081040	Cranberries, bilberries and other fruits of the genus Vaccinium, fresh	122396	77510	1579
081090	Fruits, fresh nes	1492909	1538959	970
081110	Strawberries,uncookd o steamd o boild in water,sweetend o not,frozen	330527	302804	1092
081120	Raspberries,mulberries,etc uncook,steam/boil in water sweetend/nt,froz	281919	215213	1310
081210	Cherries provisionally preservd but unsuitable f immediate consumption	37047	31562	1174
081220	Strawberries provis preservd but unsuitable f immediate consumption	9197	7708	1193
081310	Apricots, dried	157801	87434	1805
081320	Prunes, dried	231755	132506	1749
081330	Apples, dried	50750	17762	2857
081340	Fruits, dried nes	138733	116097	1195
081350	Mixtures of edible nuts or dried fruits of this chapter	56839	42175	1348
081400	Peel of citrus fruit/melons (watermelons) fresh,frz,drid/prov presvd	26984	29292	921
090111	Coffee, not roasted, not decaffeinated	10236385	4833713	2118
090112	Coffee, not roasted, decaffeinated	439078	157342	2791
090121	Coffee, roasted, not decaffeinated	1250061	295852	4225
090122	Coffee, roasted, decaffeinated	134048	31516	4253
090210	Green tea (not fermented) in packages not exceeding 3 kg	124834	46985	2657
090220	Green tea (not fermented) in packages exceeding 3 kg	172810	107162	1613
090230	Black tea (fermented)&partly fermentd tea in packages not exceedg 3 kg	735858	195354	3767
090240	Black tea (fermented) & partly fermented tea in packages exceedg 3 kg	1455336	765287	1902
090411	Pepper of the genus Piper,ex cubeb pepper,neither crushd nor ground	769664	200091	3847

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
090412	Pepper of the genus Piper, except cubeb pepper, crushed or ground	79528	23798	3342
090420	Fruits of the genus Capsicum or Pimenta, dried, crushed or ground	383911	235601	1629
090500	Vanilla beans	117630	4350	27043
090610	Cinnamon and cinnamon-tree flowers neither crushed nor ground	107095	63021	1699
090620	Cinnamon and cinnamon-tree flowers crushed or ground	13504	9093	1485
090700	Cloves (whole fruit, cloves and stems)	95916	45702	2099
090810	Nutmeg	63757	16159	3946
090820	Mace	16337	2268	7202
090910	Anise or badian seeds	23900	10846	2204
090920	Coriander seeds	37020	66325	558
091010	Ginger	166148	213109	780
091030	Turmeric (curcuma)	28487	34007	838
091091	Mixtures of two/more of the prods of different headgs to this chapter	78737	27528	2860
091099	Spices nes	125466	63217	1985
100110	Durum wheat	3870899	23300359	166
100190	Wheat nes and meslin	13354468	87715452	152
100200	Rye	176937	1646039	107
100300	Barley	2684807	20028585	134
100400	Oats	330656	2664897	124
100590	Maize (corn) nes	8746661	70204697	125
100610	Rice in the husk (paddy or rough)	392299	3313164	118
100620	Rice, husked (brown)	1061836	5555130	191
100630	Rice, semi-milled or wholly milled, whether or not polished or glazed	4924059	15132499	325
100640	Rice, broken	514109	1989225	258
100700	Grain sorghum	860070	7596784	113
100810	Buckwheat	52301	202788	258
100820	Millet	56463	234161	241
100830	Canary seed	77991	244296	319
100890	Cereals unmilled nes	53574	232723	230
110100	Wheat or meslin flour	1598364	6739209	237
110210	Rye flour	13884	56697	245
110220	Maize (corn) flour	84452	266946	316
110230	Rice flour	45735	108830	420
110290	Cereal flour nes	46588	152876	305
110311	Wheat groats and meal	122397	427895	286
110312	Oat groats and meal	16917	63319	267
110313	Maize (corn) groats and meal	185120	738187	251
110314	Rice groats and meal	8458	19818	427
110319	Cereal groats and meal nes	25299	88072	287
110321	Wheat pellets	10863	83708	130
110329	Cereal pellets nes	13610	50498	270
110411	Barley, rolled or flaked grains	9315	25258	369
110412	Oats, rolled or flaked grains	76788	146490	524
110419	Cereals, rolled or flaked grains nes	65668	378846	173
110421	Barley,hulled,pearled,sliced or kibbled	5902	21960	269
110422	Oats, hulled,pearled,sliced or kibbled	26584	76452	348
110423	Maize (corn), hulled, pearled, sliced or kibbled	111408	593684	188
110429	Cereals, hulled, pearled, sliced or kibbled nes	36164	114304	316
110430	Germ of cereals, whole, rolled, flaked or ground	58928	225355	261
110510	Potato flour and meal	92810	119417	777
110520	Potato flakes	191787	189327	1013
110610	Flour and meal of the dried leguminous vegetables of heading No 07.13	13203	23863	553
110620	Flour&meal of sago&of roots or tubers with hi starch or inulin content	15049	53329	282
110710	Malt, not roasted	1430180	4530998	316

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
110720	Malt, roasted	129285	369110	350
110811	Wheat, starch	107114	371499	288
110812	Maize (corn) starch	336825	971410	347
110813	Potato starch	284790	703653	405
110814	Manioc (cassava) starch	167103	822027	203
110900	Wheat gluten, whether or not dried	283394	301343	940
120100	Soya beans	10560994	44798994	236
120210	Ground-nuts in shell not roasted or otherwise cooked	123782	161659	766
120220	Ground-nuts shelld,whether or not broken,not roastd or otherwise cookd	851175	1152333	739
120300	Copra	94343	257606	366
120400	Linseed, whether or not broken	257022	983338	261
120500	Rape or colza seeds, whether or not broken	2147769	8552883	251
120600	Sunflower seeds, whether or not broken	1101410	3745551	294
120710	Palm nuts and kernels, whether or not broken	23025	390348	59
120720	Cotton seeds, whether or not broken	207229	1130696	183
120730	Castor oil seeds, whether or not broken	11790	26944	438
120740	Sesamum seeds, whether or not broken	498499	607597	820
120750	Mustard seeds, whether or not broken	84519	220808	383
120760	Safflower seeds, whether or not broken	26209	59104	443
120791	Poppy seeds, whether or not broken	49457	58088	851
120792	Shea nuts (karite nuts), whether or not broken	4708	20002	235
120799	Oil seeds and oleaginous fruits, nes, whether or not broken	125335	156776	799
120810	Soya bean flour and meals	186053	649642	286
120890	Flours and meals of oil seeds or oleaginous fruits,except mustard,nes	33347	145610	229
121010	Hop cones, not ground, powdered or pelleted	51929	12585	4126
121020	Hop cones, ground, powdered or pelleted and lupulin	149569	29098	5140
121230	Apricot,peach/plum stones&kernels nes,usd primly f human consumption	37645	23639	1592
121291	Sugar beet, fresh or dried, whether or not ground	20273	358792	57
121292	Sugar cane, fresh or dried, whether or not ground	4374	87236	50
121299	Vegetable products nes used primarily for human consumption	120799	160825	751
121410	Lucerne (alfalfa) meal and pellets	167411	1265077	132
121490	Swedes,mangold,fodder root,hay,clover,sainfoin,forag kale,etc	704503	3693062	191
130213	Hop extract	126551	9919	12759
130214	Pyrethrum or roots of plants containing rotenone, extracts	27200	508	53522
150710	Soya-bean oil crude, whether or not degummed	2031368	4060552	500
150790	Soya-bean oil and its fractions, refined but not chemically modified	1018048	1971835	516
150810	Ground-nut oil, crude	195199	234157	834
150890	Ground-nut oil and its fractions refined but not chemically modified	62790	62722	1001
150910	Olive oil, virgin	1778336	771046	2306
150990	Olive oil and its fractions refined but not chemically modified	650040	289835	2243
151000	Oils&thr fract nes obt from olives,ref'd/not,not chem mod,incl blends	75745	80768	938
151110	Palm oil, crude	1132289	2651095	427
151190	Palm oil and its fractions refined but not chemically modified	3856107	8249700	467
151211	Sunflower-seed or safflower oil, crude	1291057	2255275	572
151219	Sunflower-sed/safflower oil&their fractions refind but nt chem modifid	824532	1221791	675
151221	Cotton-seed oil crude, whether or not gossypol has been removed	31613	53345	593
151229	Cotton-seed and its fractions refined but not chemically modified	87401	145411	601
151311	Coconut (copra) oil crude	828891	1866368	444
151319	Coconut (copra) oil&its fractions refined but not chemically modified	242537	376692	644
151321	Palm kernel or babassu oil, crude	290415	599744	484
151329	Palm kernel/babassu oil their fract,refind but not chemically modifid	348927	529445	659
151410	Rape, colza or mustard oil crude	581253	1196050	486
151490	Rape,colza o mustard oil&their fract,refind but not chemically modifid	921337	1674100	550
151511	Linseed oil, crude	68130	131305	519

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
151519	Linseed oil and its fractions, refined but not chemically modified	56921	93229	611
151521	Maize (corn) oil crude	213636	346162	617
151529	Maize (corn) oil and its fractions, refined but not chemically modified	346979	433937	800
151530	Castor oil&its fractions, whether/not refined, but not chemically modified	232586	261849	888
151550	Sesame oil&its fractions whether/not refined, but not chemically modified	63495	27738	2289
151560	Jobba oil&its fractions whether/not refined, but not chemically modified	18935	1987	9532
170111	Raw sugar, cane	5757609	20703113	278
170112	Raw sugar, beet	88575	208920	424
170191	Refined sugar, in solid form, containing added flavour or colour matter	59790	107491	556
170199	Refined sugar, in solid form, nes	4062561	11362064	358
170220	Maple sugar and maple syrup	94831	35038	2707
170230	Glucose&glucose syrup nt cntg fruct/cntg in dry state <20% by wt fruct	769127	2356808	326
170240	Glucose inc syrup cntg in dry state min 20% but <50% by wt of fructose	140809	408568	345
170250	Fructose, chemically pure	125058	224920	556
170260	Fructose&fructose syrup nes, cntg in dry state >50% by wght of fructose	191594	639297	300
170290	Sugar nes, including invert sugar	398991	1063550	375
170310	Cane molasses	440580	6308672	70
170390	Molasses nes	170743	1779031	96
180100	Cocoa beans, whole or broken, raw or roasted	2986518	2355111	1268
180200	Cocoa shells, husks, skins and other cocoa waste	13418	77946	172
180310	Cocoa paste not defatted	493683	264922	1864
180320	Cocoa paste wholly or partly defatted	116781	154808	754
180400	Cocoa butter, fat and oil	1547311	494481	3129
180500	Cocoa powder, not containing added sugar or other sweetening matter	435898	398626	1094
180610	Cocoa powder, containing added sugar or other sweetening matter	151820	117098	1297
200911	Orange juice, unfermented¬ spiritd, whether/not sugard/sweet, frozen	1982148	2791269	710
200919	Orange juice nes, unfermented¬ spiritd, whether or not sugard or sweet	953791	1390937	686
200920	Grapefruit juice, unfermented¬ spiritd, whether or not sugard or sweet	217642	294303	740
200930	Citrus fruit juice nes exc mx unferment unspiritd, wthr/nt sug/sweet	191700	229478	835
200940	Pineapple juice, unfermented¬ spiritd, whether or not sugard or sweet	328648	509320	645
200950	Tomato juice unfermented¬ spiritd, whether or not sugared or sweet	46681	99774	468
200960	Grape juice (incl grape must) unferment&unspiritd, wthr/nt sug/sweet	397265	609990	651
200970	Apple juice unfermented¬ spiritd whether or not sugard or sweetend	1069782	1264340	846
200980	Fruit&veg juice nes (exc mx) unferment unspiritd, whether/not sug/sweet	726381	632694	1148
200990	Mixtures of juices unfermented¬ spiritd whether or not sugard o sweet	441596	459896	960
220300	Beer made from malt	4946416	6148002	805
220410	Grape wines, sparkling	2157156	333705	6464
220421	Grape wines nes, incl fort&grape must, unfermntd by add alc in ctrn <=2l	9770849	3533287	2765
220429	Grape wines nes, incl fort&grape must, unfermntd by add alc, in ctrn > 2l	1391547	1978347	703
220430	Grape must nes, unfermented, other than that of heading No 20.09	123549	187184	660
220510	Vermouth&oth grape wines flav w plants o arom subst in ctrn <= 2 l	251433	134827	1865
220590	Vermouth&oth grape wines flav with plants or arom subst in ctrn > 2 l	61105	93874	651
220600	Fermented beverages nes (for example, cider, perry, mead, etc)	324667	257253	1262
220820	Spirits obtained by distilling grape wine or grape marc	1976705	258317	7652
230400	Soya-bean oil-cake&oth solid residues, whether or not ground or pellet	7808330	35701473	219
230500	Ground-nut oil-cake&oth solid residues, whether or not ground or pellet	70734	388438	182
230610	Cotton seed oil-cake&oth solid residues, whether or not ground or pellet	92704	646641	143
230620	Linseed oil-cake&other solid residues, whether or not ground or pellet	63901	347884	184
230630	Sunflower seed oil-cake&oth solid residues, whether/not ground/pellet	364507	3192090	114
230640	Rape/colza seed oil-cake&oth solid residues, whether/not ground/pellet	557360	4159828	134
230650	Coconut/copra oil-cake&oth solid residues, whether/not ground/pellet	89510	912518	98
230660	Palm nut/kernel oil-cake&oth solid residues, whether/not ground/pellet	167904	2329716	72
240110	Tobacco, unmanufactured, not stemmed or stripped	1763282	587923	2999
240120	Tobacco, unmanufactured, partly or wholly stemmed or stripped	5147869	1154408	4459

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
240130	Tobacco refuse	200518	273547	733
520100	Cotton, not carded or combed	7771511	5306612	1464
520210	Cotton yarn waste (including thread waste)	46476	94882	490
520291	Garnetted stock of cotton	23049	47935	481
520300	Cotton, carded or combed	112257	57841	1941
530110	Flax fibre, raw or retted	18393	42331	435
530121	Flax fibre, broken or scutched	157484	91213	1727
530129	Flax fibre, otherwise processed but not spun	105089	39235	2678
530130	Flax tow and waste (including yarn waste and garnetted stock)	82332	207330	397
530210	True hemp fibre (Cannabis sativa L), raw or retted	2208	2238	987
530290	True hemp fibre otherwise processd but not spun;tow&waste of true hemp	5173	6116	846
530310	Jute and other textile bast fibres, raw or retted	69832	255753	273
530390	Jute and other tex bast fib,not spun,nes;tow and waste of these fibres	8129	23119	352
530410	Sisal and other textile fibres of the genus Agave, raw	36680	55266	664
530490	Sisal textile fibres processed but not spun;tow&waste of sisal fibres	6770	9770	693
530511	Coconut (coir) fibre, raw	16452	52243	315
530519	Coconut (coir) fibre,processd nt spun;tow,noils&waste of coconut fib	17546	57675	304
530521	Abaca fibre, raw	35716	31782	1124
530529	Abaca fibre,processed but not spun;tow,noils and waste of abaca fibres	3170	2343	1353
530591	Vegetable textile fibres nes, raw	732	363	2020
530599	Vegetable tex fib nes,processd nt spun;tow,noils&waste of these fibres	9948	3066	3244
Livestock and livestock products				
010111	Horses, live pure-bred breeding	747362	6571	113740
010119	Horses, live except pure-bred breeding	679067	330496	2055
010120	Asses, mules and hinnies, live	1246	1657	752
010210	Bovine, live pure-bred breeding	318392	136708	2329
010290	Bovine, live except pure-bred breeding	3632609	2190539	1658
010310	Swine, live pure-bred breeding	46428	15921	2916
010391	Swine, live except pure-bred breeding weighing less than 50 kg	270560	137679	1965
010392	Swine, live except pure-bred breeding weighing 50 kg or more	1010306	974277	1037
010410	Sheep, live	555837	313923	1771
010420	Goats, live	54420	34789	1564
010511	Fowls, live domestic weighing not more than 185 g	381143	22368	17040
010519	Poultry, live except domestic fowls, weighing not more than 185 g	85318	4231	20165
010599	Poultry, live except domestic fowls, weighing more than 185 g	73871	56403	1310
010600	Animals, live nes	467376	68612	6812
020110	Bovine carcasses and half carcasses, fresh or chilled	916651	317301	2889
020120	Bovine cuts bone in, fresh or chilled	2221796	807004	2753
020130	Bovine cuts boneless, fresh or chilled	5045309	1300690	3879
020210	Bovine carcasses and half carcasses, frozen	217383	152315	1427
020220	Bovine cuts bone in, frozen	597822	313311	1908
020230	Bovine cuts boneless, frozen	4563091	2203280	2071
020311	Swine carcasses and half carcasses, fresh or chilled	1095302	804476	1362
020312	Hams, shoulders and cuts thereof, of swine bone in, fresh or chilled	1907630	1103376	1729
020319	Swine cuts, fresh or chilled, nes	2618663	976066	2683
020321	Swine carcasses and half carcasses, frozen	205517	160850	1278
020322	Hams, shoulders and cuts thereof, of swine, bone in, frozen	308957	234656	1317
020329	Swine cuts, frozen nes	4076009	1543215	2641
020410	Lamb carcasses and half carcasses, fresh or chilled	545416	156504	3485
020421	Sheep carcasses and half carcasses, fresh or chilled	73973	32985	2243
020422	Sheep cuts, bone in, fresh or chilled	305655	65090	4696
020423	Sheep cuts, boneless, fresh or chilled	111490	21891	5093
020430	Lamb carcasses and half carcasses, frozen	111911	51442	2175
020441	Sheep carcasses and half carcasses, frozen	52950	44705	1184

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
020442	Sheep cuts, bone in, frozen	644416	284369	2266
020443	Sheep cuts, boneless, frozen	353930	130803	2706
020450	Goat meat, fresh, chilled or frozen	59503	23322	2551
020500	Horse, ass, mule or hinny meat, fresh, chilled or frozen	386540	127168	3040
020610	Bovine edible offal, fresh or chilled	299247	98170	3048
020621	Bovine tongues, edible offal, frozen	334875	55958	5984
020622	Bovine livers, edible offal, frozen	127756	180076	709
020629	Bovine edible offal, frozen nes	522488	360653	1449
020630	Swine edible offal, fresh or chilled	55495	101957	544
020641	Swine livers, edible offal, frozen	44128	77536	569
020649	Swine edible offal, frozen nes	445014	626927	710
020680	Sheep, goats, asses, mules or hinnies edible offal, fresh or chilled	9349	6779	1379
020690	Sheep, goats, asses, mules or hinnies edible offal, frozen	38697	39829	972
020890	Meat and edible meat offal, nes fresh, chilled or frozen	362248	68646	5277
020900	Pig fat lean meat free&poultry fat unrenderd,frsh,chilld,frozn or curd	179611	314449	571
021011	Hams, shoulders and cuts thereof, of swine bone in, cured	123809	50206	2466
021012	Bellies, streaky and cuts thereof, swine cured	175593	84374	2081
021019	Swine meat cured, nes	1170500	349718	3347
021020	Bovine meat cured	55202	24676	2237
021090	Meat&edible meat offal cured nes&edible meat or offal,flours&meals	255992	156449	1636
040110	Milk not concentrated and unsweetened not exceeding 1% fat	337479	1052573	321
040120	Milk not concentrated & unsweetened exceeding 1% not exceeding 6% fat	1862280	4813429	387
040130	Milk and cream not concentrated and unsweetened exceeding 6% fat	887964	619370	1434
040210	Milk powder not exceeding 1.5% fat	2894562	1599857	1809
040221	Milk and cream powder unsweetened exceeding 1.5% fat	2752483	1216706	2262
040229	Milk and cream powder sweetened exceeding 1.5% fat	370351	175965	2105
040291	Milk and cream unsweetened, nes	679595	680396	999
040299	Milk and cream nes sweetened	384648	321595	1196
040310	Yogurt concentratd o not,sweetend o not,flavourd o contg fruit o cocoa	723120	789566	916
040390	Buttermilk,curdled milk & cream,kephir & ferm or acid milk & cream nes	508870	526322	967
040410	Whey whether or not concentrated or sweetened	806607	1631077	495
040490	Products consisting of natural milk constituents sweetened or not nes	299975	171215	1752
040610	Cheese, fresh (including whey cheese) unfermented, and curd	1219847	499050	2444
040620	Cheese, grated or powdered, of all kinds	385947	105416	3661
040630	Cheese processed, not grated or powdered	1040649	321077	3241
040640	Cheese, blue-veined	313832	60175	5215
040690	Cheese nes	7120064	2167266	3285
040700	Eggs, bird, in shell, fresh, preserved or cooked	1020559	933328	1093
040811	Egg yolks dried	40494	10903	3714
040819	Egg yolks nes	88225	51499	1713
040891	Eggs, bird, not in shell, dried	67444	22276	3028
040899	Eggs, bird, not in shell nes	92861	74143	1252
041000	Edible products of animal origin nes	168284	5715	29445
050210	Bristles, hair and waste of pigs, hogs or boars	115156	17642	6527
050290	Hair and waste of badger and of other brushmaking hair	20374	1911	10662
050300	Horsehair&waste put up or not as a layer with or without supg material	21226	4449	4771
050400	Guts, bladders and stomachs of animals except fish whole or in pieces	1561364	617490	2529
051110	Semen bovine	139442	2165	64393
160100	Sausage&sim prod of meat,meat offal/blood&food prep basd on these prod	1234843	506850	2436
160210	Homogenized preparations of meat and meat offal	51165	23353	2191
160220	Livers of any animal prepared or preserved	140231	43653	3212
160231	Turkey meat and meat offal prepared or preserved, excluding livers	268415	99360	2701
160239	Dom fowl,duck,goose&guinea fowl meat&meat offal prep/presvd exc livers	1383604	431629	3206
160241	Hams and cuts thereof of swine prepared or preserved	549054	145305	3779

Product code (PCTAS)	Product name	Value (10 ³ US\$/yr)	Quantity (ton/yr)	Average world market price (US\$/ton)
160242	Shoulders and cut thereof of swine prepared or preserved	181907	77880	2336
160249	Swine meat&meat offal nes/exc livers/ incl mixtures,prepared o preservd	576227	228471	2522
160250	Bovine meat and meat offal nes,excluding livers, prepared or preserved	929611	362512	2564
160290	Meat, meat offal or blood, prepared or preserved, nes	76968	26503	2904
410110	Bovine skins, whole, raw	308847	176894	1746
410121	Bovine hides, whole, fresh or wet-salted	3254000	1854909	1754
410122	Butts and bends, bovine, fresh or wet-salted	57491	46475	1237
410129	Hide sections, bovine, nes, fresh or wet-salted	247397	211970	1167
410130	Bovine hides, raw, nes	72864	64513	1129
410140	Equine hides and skins, raw	23686	19097	1240
410210	Sheep or lamb skins, raw, with wool on, nes	514690	316952	1624
410221	Sheep or lamb skins, pickled, without wool on	383647	73247	5238
410229	Sheep or lamb skins, raw, o/t pickled, without wool on	25402	9539	2663
410310	Goat or kid hides and skins, raw, nes	35061	12891	2720
410390	Raw hides and skins of animals, nes	172871	144920	1193
410410	Bovine skin leather, whole	935106	131977	7085
410421	Bovine leather, vegetable pre-tanned, nes	106084	22168	4785
410422	Bovine leather, otherwise pre-tanned, nes	3427437	1696690	2020
410429	Bovine and equine leather, tanned or retanned, nes	1136631	176729	6431
410431	Bovine and equine leather, full/split grains, nes	3366291	205440	16386
410439	Bovine and equine leather, nes	2191579	865587	2532
410511	Sheep or lamb skin leather, vegetable pre-tanned	36108	4956	7286
410512	Sheep or lamb skin leather, otherwise pre-tanned	412420	58244	7081
410519	Sheep or lamb skin leather, tanned or retanned, nes	278353	20335	13688
410520	Sheep or lamb skin leather, nes	593037	16552	35829
410611	Goat or kid skin leather, vegetable pre-tanned	21667	1523	14225
410612	Goat or kid skin leather, otherwise pre-tanned	177878	27156	6550
410619	Goat or kid skin leather, tanned or retanned, nes	125213	12045	10396
410620	Goat or kid skin leather, nes	327127	12294	26609
410710	Swine leather, nes	428574	49289	8695
410790	Leather, nes	206269	5374	38379
410800	Chamois (including combination chamois) leather	114213	8037	14211
410900	Patent leather and patent laminated leather; metallised leather	311770	29294	10643
411000	Parings and other waste of leather; leather dust, powder and flour	106150	116267	913
411100	Composition leather, in slabs, sheets or strip	176120	55343	3182
420400	Articles of leather or of composition leather, for technical uses	24382	6537	3730
420500	Articles of leather or of composition leather, nes	708211	857026	826

Appendix V. Population, gross national income, arable land, renewable water resources and water withdrawals per country (averages over the period 1997-2001)

FAOSTAT country codes	ISO-3 Code	Country list	Population	GNI (US\$/cap)	Arable land (1000 ha)	Total renewable water resources (actual) ¹ (Gm ³ /year)	Agricultural water withdrawal (Gm ³ /year)	Domestic water withdrawal (Gm ³ /year)	Industrial water withdrawal (Gm ³ /year)	Total withdrawal (Gm ³ /year)
2	AFG	Afghanistan	26179398		7910	65.00	22.84	0.34	0.00	23.18
3	ALB	Albania	3130628	1112	578	41.70	1.03	0.24	0.11	1.38
4	DZA	Algeria	30169250	1586	7662	14.41	3.94	1.23	0.74	5.91
5	ASM	American Samoa	70000		2					
7	AGO	Angola	12952725	460	3000	184.00	0.21	0.07	0.05	0.33
8	ATG	Antigua and Barbuda	67695	8821	8	0.05				
9	ARG	Argentina	36806250	7497	32940	814.00	21.52	4.68	2.63	28.83
1	ARM	Armenia	3131250	626	495	10.53	1.94	0.87	0.12	2.94
10	AUS	Australia	19071705	20531	50416	492.00	12.36	6.51	1.35	20.21
11	AUT	Austria	8103235	25388	1402	77.70	0.02	0.76	1.36	2.14
52	AZE	Azerbaijan, Republic of	8015278	585	1698	30.28	11.65	0.80	4.45	16.90
12	BHS	Bahamas	302085	13833	7	0.02				
13	BHR	Bahrain	646995	10306	2	0.12	0.17	0.11	0.01	0.29
16	BGD	Bangladesh	129942975	371	8041	1210.64	73.27	2.12	0.43	75.82
14	BRB	Barbados	266643	9004	16	0.08	0.02	0.05	0.02	0.08
57	BLR	Belarus	10019815	1407	6162	58.00	0.84	0.63	1.24	2.71
255	BEL	Belgium	10241750	24908		18.30				
15	BLX	Belgium-Luxembourg	10659200		822	21.40	0.11	1.09	7.68	8.88
23	BLZ	Belize	235915	2798	64	18.56	0.00	0.01	0.10	0.11
53	BEN	Benin	6192130	382	1900	24.80	0.19	0.04	0.02	0.24
17	BMU	Bermuda	61500		1					
18	BTN	Bhutan	793485	498	141	95.00	0.40	0.01	0.00	0.41
19	BOL	Bolivia	8232980	983	2929	622.53	1.14	0.15	0.04	1.33
80	BIH	Bosnia and Herzegovina	3918733	1226	656	37.50				
20	BWA	Botswana	1657708	3121	354	14.40	0.06	0.04	0.02	0.13
21	BRA	Brazil	169109675	3780	57905	8233.00	36.38	11.76	10.29	58.43
239	VGB	British Virgin Islands	19600		3					
26	BRN	Brunei Darussalam	333398	23257	3	8.50				
27	BGR	Bulgaria	8125750	1493	4342	21.30	1.97	0.37	9.32	11.65
233	BFA	Burkina Faso	11138150	225	3760	12.50	0.69	0.08	0.00	0.77
29	BDI	Burundi	6742788	117	902	3.60	0.19	0.04	0.00	0.23
115	KHM	Cambodia	11885290	264	3700	476.11	4.00	0.05	0.01	4.06
32	CMR	Cameroon	14717680	596	5960	285.50	0.73	0.18	0.08	0.99
33	CAN	Canada	30649675	21070	45596	2902.00	5.41	8.55	31.57	45.54
35	CPV	Cape Verde	429180	1328	39	0.30	0.02	0.00	0.00	0.03
36	CYM	Cayman Islands	35000		1					
37	CAF	Central African Republic	3689408	279	1930	144.40	0.00	0.02	0.00	0.02
39	TCD	Chad	7594623	210	3532	43.00	0.19	0.04	0.00	0.23
40	CHL	Chile	15113200	4756	1980	922.00	7.97	1.26	2.68	11.91

FAOSTAT country codes	ISO-3 Code	Country list	Population	GNI (US\$/cap)	Arable land (1000 ha)	Total renewable water resources (actual) ¹ (Gm ³ /year)	Agricultural water withdrawal (Gm ³ /year)	Domestic water withdrawal (Gm ³ /year)	Industrial water withdrawal (Gm ³ /year)	Total withdrawal (Gm ³ /year)
357	CHN	China	1257521250	814	133032	2896.57	420.80	33.32	127.26	581.38
44	COL	Colombia	41919368	2118	2592	2132.00	4.92	5.31	0.40	10.63
45	COM	Comoros	551248	394	79	1.20				
250	COD	Congo, Dem Republic of	50264530	82	6700	1283.00	0.11	0.20	0.06	0.37
46	COG	Congo, Republic of	2976293	559	174	832.00	0.00	0.02	0.01	0.04
48	CRI	Costa Rica	3766523	3744	225	112.40	1.41	0.77	0.42	2.61
107	CIV	Côte d'Ivoire	15792145	713	3030	81.00	0.60	0.19	0.09	0.88
98	HRV	Croatia	4382965	4550	1431	105.50				
49	CUB	Cuba	11175000		3630	38.12	5.64	2.05	0.50	8.20
50	CYP	Cyprus	755163	12278	95	0.78	0.17	0.06	0.00	0.23
167	CZE	Czech Republic	10268800	5212	3089	13.15	0.06	1.08	1.51	2.65
54	DNK	Denmark	5329750	31843	2320	6.00	0.54	0.38	0.32	1.25
72	DJI	Djibouti	626005	861	1	0.30	0.01	0.00		0.01
55	DMA	Dominica	72118	3222	4					
56	DOM	Dominican Republic	8304920	2029	1071	21.00	2.20	1.00	0.05	3.25
176	TMP	East Timor	774148	503	70					
58	ECU	Ecuador	12528000	4958	1607	432.00	13.96	2.11	0.93	17.00
59	EGY	Egypt	63375735	1419	2836	58.30	53.93	4.16	7.09	65.18
60	SLV	El Salvador	6216185	1952	619	25.25	0.74	0.28	0.17	1.19
61	GNQ	Equatorial Guinea	451045	819	130	26.00	0.00	0.05	0.01	0.06
178	ERI	Eritrea	4042500	166	477	6.30	0.29			
63	EST	Estonia	1373850	3668	1032	12.81	0.01	0.09	0.06	0.16
238	ETH	Ethiopia	63540513	102	10112	110.00	2.47	0.13	0.11	2.71
64	FRO	Faeroe Islands	47500		3					
66	FJI	Fiji Islands	805268	2260	200	28.55	0.05	0.01	0.01	0.07
67	FIN	Finland	5169500	24590	2166	110.00	0.07	0.30	1.97	2.34
68	FRA	France	58775400	24622	18383	203.70	3.74	6.16	27.90	37.79
69	GUF	French Guiana	159000		10	134.00				
70	PYF	French Polynesia	232895	16420	3					
74	GAB	Gabon	1214100	3402	325	164.00	0.05	0.05	0.01	0.12
75	GMB	Gambia	1282573	332	220	8.00	0.02	0.00	0.00	0.03
73	GEO	Georgia	5270500	637	791	63.33	2.13	0.72	0.73	3.58
79	DEU	Germany	82169250	25253	11830	154.00	9.31	5.45	31.93	46.69
81	GHA	Ghana	19082858	351	3622	53.20	0.25	0.15	0.06	0.46
84	GRC	Greece	10550968	11800	2759	74.25	6.18	0.83	0.85	7.87
89	GTM	Guatemala	11238925	1686	1360	111.27	1.61	0.12	0.23	1.96
90	GIN	Guinea	7332825	473	886	226.00	1.36	0.10	0.03	1.49
175	GNB	Guinea-Bissau	1186833	169	300	31.00	0.10	0.01	0.00	0.11
91	GUY	Guyana	759008	858	480	241.00	1.60	0.02	0.01	1.63
93	HTI	Haiti	7885250	459	780	14.03	0.93	0.05	0.01	0.98
95	HND	Honduras	6336685	823	1329	95.93	0.68	0.07	0.09	0.83
97	HUN	Hungary	10122750	4660	4734	104.00	2.45	0.66	4.11	7.23

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99	ISL	Iceland	278375	28894	7	170.00	0.00	0.05	0.10	0.15
100	IND	India	1007369125	444	161772	1896.66	569.60	38.62	25.10	633.32
101	IDN	Indonesia	204920450	629	19520	2838.00	75.60	5.67	0.47	81.74
102	IRN	Iran, Islamic Rep of	63201525	1648	15646	137.51	66.51	4.68	1.59	72.77
103	IRQ	Iraq	23034540		5362	75.42	39.38	1.32	2.06	42.75
104	IRL	Ireland	3774250	21978	1059	52.00	0.00	0.19	0.73	0.92
105	ISR	Israel	6166040	16323	336	1.67	1.29	0.47	0.12	1.88
106	ITA	Italy	57718000	20104	8318	191.30	20.01	7.97	15.73	43.71
109	JAM	Jamaica	2563905	2734	174	9.40	0.20	0.14	0.07	0.41
110	JPN	Japan	126741225	34516	4505	430.00	55.63	17.20	15.80	88.63
112	JOR	Jordan	4813708	1673	242	0.88	0.76	0.21	0.04	1.01
108	KAZ	Kazakhstan	15191620	1301	23138	109.61	28.52	0.59	5.73	34.84
114	KEN	Kenya	29742440	354	4480	30.20	1.01	0.44	0.09	1.53
83	KIR	Kiribati	89478	972	2					
116	PRK	Korea, Dem People's Rep	22213458		2500	77.14	4.96	1.68	2.27	8.90
117	KOR	Korea, Republic of	46813750	8886	1709	69.70	8.95	6.42	2.82	18.19
118	KWT	Kuwait	1954793	17943	8	0.02	0.22	0.20	0.01	0.43
113	KGZ	Kyrgyzstan	4882900	302	1370	20.58	9.45	0.31	0.30	10.06
120	LAO	Laos	5219280	299	869	333.55	2.64	0.10	0.13	2.88
119	LVA	Latvia	2382750	2800	1836	35.45	0.04	0.16	0.09	0.29
121	LBN	Lebanon	4298563	3897	184	4.41	0.99	0.41	0.03	1.42
122	LSO	Lesotho	2020765	569	327	3.02	0.01	0.02	0.02	0.04
123	LBR	Liberia	3087335	128	378	232.00	0.06	0.03	0.02	0.11
124	LBY	Libyan Arab Jamahiriya	5232855		1858	0.60	4.70	0.45	0.12	5.27
125	LIE	Liechtenstein	31000		4					
126	LTU	Lithuania	3518500	2996	2938	24.90	0.02	0.21	0.04	0.27
256	LUX	Luxembourg	434400	42576		3.10				
154	MKD	Macedonia, The Fmr Yug Rp	2021500	1819	579	6.40				
129	MDG	Madagascar	15285408	254	2884	337.00	14.31	0.29		
130	MWI	Malawi	10204700	185	2060	17.28	0.81	0.12	0.04	0.97
131	MYS	Malaysia	22990590	3446	1816	580.00	5.60	1.43	1.77	8.80
132	MDV	Maldives	270880	2037	4	0.03				
133	MLI	Mali	10712908	244	4625	100.00	6.87	0.04	0.02	6.92
134	MLT	Malta	389500	9098	8	0.05	0.01	0.04	0.00	0.06
127	MHL	Marshall Islands	51361	2174	3					
135	MTQ	Martinique	383200		10					
136	MRT	Mauritania	2620863	389	488	11.40	1.50	0.13	0.04	1.66
137	MUS	Mauritius	1180283	3754	100	2.21	0.37	0.11	0.06	0.53
138	MEX	Mexico	97291745	4794	24840	457.22	60.34	13.55	4.13	78.01
145	FSM	Micronesia, Fed States of	116965	1960	4					
146	MDA	Moldova, Republic of	4283750	354	1805	11.65	0.76	0.24	1.62	2.63
141	MNG	Mongolia	2388448	401	1241	34.80	0.23	0.09	0.12	0.44

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142	MSR	Montserrat	5200		2					
143	MAR	Morocco	28472000	1208	8870	29.00	11.42	0.81	0.26	12.49
144	MOZ	Mozambique	17506540	211	3950	216.11	0.55	0.06	0.01	0.63
28	MMR	Myanmar	47451298		9735	1045.60	30.25	0.34	0.15	30.74
147	NAM	Namibia	1737288	2076	816	17.94	0.17	0.08	0.01	0.26
149	NPL	Nepal	22772793	237	3008	210.20	9.82	0.27	0.03	10.12
150	NLD	Netherlands	15865250	25004	907	91.00	2.69	0.44	4.76	7.90
153	NCL	New Caledonia	210773	14733	7					
156	NZL	New Zealand	3820675	14329	1533	327.00	0.89	0.97	0.20	2.06
157	NIC	Nicaragua	5006993	356	1784	196.69	1.08	0.18	0.03	1.29
158	NER	Niger	10655665	186	4470	33.65	2.08	0.09	0.01	2.18
159	NGA	Nigeria	125374700	270	28260	286.20	5.51	1.41	0.68	7.59
160	NIU	Niue	2000		4					
162	NOR	Norway	4474000	34626	891	382.00	0.23	0.45	1.46	2.14
221	OMN	Oman	2384500	6756	37	0.99	1.23	0.08	0.02	1.33
165	PAK	Pakistan	136475525	449	21341	222.69	162.24	2.88	2.98	168.11
166	PAN	Panama	2831500	3778	530	147.98	0.23	0.50	0.04	0.77
168	PNG	Papua New Guinea	5067815	715	203	801.00	0.00	0.04	0.03	0.06
169	PRY	Paraguay	5211500	1588	2834	336.00	0.35	0.08	0.04	0.47
170	PER	Peru	25752968	2086	3684	1913.00	16.42	1.47	1.70	19.59
171	PHL	Philippines	75749645	1046	5590	479.00	21.10	4.50	2.49	28.09
173	POL	Poland	38653288	4122	14020	61.60	1.35	1.85	11.04	14.24
174	PRT	Portugal	9997250	11104	1950	68.70	6.21	1.09	2.03	9.33
177	PRI	Puerto Rico	3801328	9973	34	7.10				
179	QAT	Qatar	573388		18	0.05	0.21	0.07	0.01	0.29
182	REU	Réunion	711200		34	5.00				
183	ROU	Romania	22450998	1618	9357	211.93	13.72	2.04	8.27	24.03
185	RUS	Russian Federation	145878750	1865	125361	4507.25	13.74	14.34	48.08	76.16
184	RWA	Rwanda	7604500	255	877	5.20	0.03	0.04	0.01	0.07
188	KNA	Saint Kitts and Nevis	43470	6269	7	0.02				
189	LCA	Saint Lucia	154413	3887	4					
190	SPM	Saint Pierre & Miquelon	6000		3					
191	VCT	Saint Vincent/Grenadines	114545	2680	7					
244	WSM	Samoa	171305	1398	57					
193	STP	Sao Tome and Principe	146425	278	6	2.18				
194	SAU	Saudi Arabia	20503670	8109	3612	2.40	15.42	1.61	0.20	17.23
195	SEN	Senegal	9404653	498	2330	39.40	1.43	0.08	0.05	1.57
186	YUG	Serbia and Montenegro	10635500	972	3523	208.50				
196	SYC	Seychelles	80633	6889	1					
197	SLE	Sierra Leone	4981773	136	488	160.00	0.35	0.02	0.01	0.38
200	SGP	Singapore	4006000	22497	1	0.60				
199	SVK	Slovakia	5397695	3856	1460	50.10				

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198	SVN	Slovenia	1987275	9881	172	31.87				
25	SLB	Solomon Islands	413743	732	18	44.70				
201	SOM	Somalia	8627345		1043	13.50	3.28	0.02	0.00	3.30
202	ZAF	South Africa	42387403	3099	14772	50.00	10.58	2.43	1.53	14.53
203	ESP	Spain	40417948	14654	13541	111.50	24.23	4.24	7.30	35.77
38	LKA	Sri Lanka	18335500	867	883	50.00	11.87	0.25	0.25	12.37
187	ANT	St Helena	5000		4					
206	SDN	Sudan	30832808	317	16389	64.50	36.07	0.89	0.23	37.19
207	SUR	Suriname	416008	1955	57	122.00	0.62	0.03	0.02	0.67
209	SWZ	Swaziland	1030753	1376	178	4.51	0.75	0.02	0.03	0.80
210	SWE	Sweden	8868050	26996	2746	174.00	0.26	1.07	1.61	2.95
211	CHE	Switzerland	7165250	39500	415	53.50	0.05	0.45	1.38	1.88
212	SYR	Syrian Arab Republic	15994053	963	4672	26.26	18.94	0.59	0.32	19.86
208	TJK	Tajikistan	6181183	181	912	15.98	10.96	0.43	0.53	11.92
215	TZA	Tanzania, United Rep of	33299168	247	3850	91.00	1.82	0.11	0.02	1.96
216	THA	Thailand	60487800	2012	14995	409.94	81.02	1.83	1.79	84.65
217	TGO	Togo	4456785	302	2454	14.70	0.08	0.07	0.01	0.16
218	TKL	Tokelau	2000							
219	TON	Tonga	99805	1619	17					
220	TTO	Trinidad and Tobago	1297125	5085	75	3.84	0.02	0.20	0.08	0.30
222	TUN	Tunisia	9506575	2075	2854	4.56	2.23	0.35	0.08	2.65
223	TUR	Turkey	66849750	2812	24620	229.30	27.49	5.38	3.80	36.67
213	TKM	Turkmenistan	5184250	723	1696	24.72	24.04	0.38	0.16	24.59
227	TUV	Tuvalu	10000							
226	UGA	Uganda	21914500	287	5068	66.00	0.12	0.10	0.03	0.25
230	UKR	Ukraine	49700750	755	32747	139.55	19.84	4.60	13.39	37.83
225	ARE	United Arab Emirates	2855093		47	0.15	1.55	0.52	0.20	2.27
229	GBR	United Kingdom	58669403	24309	6013	147.00	0.28	2.21	8.14	10.63
231	USA	United States of America	280343325	32951	177556	3069.40	203.59	60.80	215.50	479.89
234	URY	Uruguay	3325000	6757	1288	139.00	3.03	0.06	0.03	3.12
235	UZB	Uzbekistan	24567500	610	4477	50.41	54.37	2.68	1.15	58.19
155	VUT	Vanuatu	194298	1159	30					
236	VEN	Venezuela, Boliv Rep of	23937750	4089	2594	1233.17	3.96	2.80	0.49	7.25
237	VNM	Viet Nam	78020938	378	6006	891.21	48.62	3.77	11.28	63.67
243	WLF	Wallis and Futuna Is	14200		1					
205	ESH	Western Sahara	277400		5					
249	YEM	Yemen	17277608	415	1546	4.10	6.26	0.23	0.04	6.53
251	ZMB	Zambia	9979605	321	5260	105.20	1.32	0.28	0.12	1.72
181	ZWE	Zimbabwe	12497455	509	3226	20.00	2.24	0.21	0.10	2.56
Total			5994251631		1394267	54690	2647	344	717	3693

¹ As defined in AQUASTAT (FAO, 2003f,g)

Blank cell implies data not available.

Appendix VI. Crop parameters per climatic region

Crop codes FAOSTAT	Crop list (FAOSTAT)	Tropics								Subtropics summer rainfall								Subtropics winter rainfall							
		Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
15	Wheat	0.30	1.15	0.30	15	25	50	30	15-May	0.70	1.15	0.30	15	25	50	30	15-May	0.70	1.15	0.30	20	60	70	30	15-Nov
27	Rice, Paddy	1.05	1.20	0.60	30	30	80	40	15-May	1.05	1.20	0.60	30	30	60	30	15-Jun	1.05	1.20	0.60	30	30	80	40	01-Jun
44	Barley	0.30	1.15	0.25	15	25	50	30	15-May	0.30	1.15	0.25	15	25	50	30	15-May	0.30	1.15	0.25	20	60	70	30	15-Nov
56	Maize	0.30	1.20	0.50	20	35	40	30	15-Jun	0.30	1.20	0.50	20	35	40	30	15-Jun	0.30	1.20	0.50	30	40	50	30	15-Apr
71	Rye	0.30	1.15	0.25	20	25	60	30	15-Feb	0.30	1.15	0.25	20	25	60	30	15-Jun	0.30	1.15	0.25	20	25	60	30	15-Jun
75	Oats	0.30	1.15	0.25	15	25	50	30	15-May	0.30	1.15	0.25	15	25	50	30	15-May	0.30	1.15	0.25	20	60	70	30	15-Nov
79	Millet	0.30	1.00	0.30	15	25	40	25	15-Jun	0.30	1.00	0.30	15	25	40	25	15-Jun	0.30	1.00	0.30	20	30	55	35	15-Apr
83	Sorghum	0.30	1.00	0.55	20	35	40	30	01-Jun	0.30	1.00	0.55	20	35	40	30	01-Jun	0.30	1.00	0.55	20	35	40	30	01-Jul
89	Buckwheat	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May
92	Quinoa	0.30	1.00	0.30	10	20	50	30	15-May	0.30	1.00	0.30	10	20	50	30	15-May	0.30	1.00	0.30	10	20	50	30	15-May
94	Fonio	0.30	1.00	0.30	20	30	50	30	15-Jun	0.30	1.00	0.30	20	30	50	30	15-Jun	0.30	1.00	0.30	20	30	50	30	15-Apr
97	Triticale	0.30	1.15	0.30	30	30	40	30	15-May	0.30	1.15	0.30	30	30	40	30	15-May	0.30	1.15	0.30	30	30	40	30	15-Nov
101	Canary Seed	0.30	1.00	0.30	20	30	55	35	01-May	0.30	1.00	0.30	20	30	55	35	01-May	0.30	1.00	0.30	20	30	55	35	01-May
103	Mixed Grain	0.30	1.10	0.30	20	30	50	30	15-Jun	0.30	1.10	0.30	20	30	50	30	15-Jun	0.30	1.10	0.30	20	30	50	30	15-Apr
108	Cereals nes	0.30	1.15	0.40	15	20	35	20	15-Jun	0.30	1.15	0.40	15	20	35	20	15-Jun	0.30	1.15	0.40	15	20	35	20	15-Apr
116	Potatoes	0.50	1.15	0.75	30	35	50	25	01-Dec	0.50	1.15	0.75	25	30	45	30	01-Jul	0.50	1.15	0.75	25	30	45	30	15-Mar
122	Sweet Potatoes	0.50	1.15	0.65	15	30	50	30	01-Oct	0.50	1.15	0.65	15	30	50	30	01-Oct	0.50	1.15	0.65	20	30	60	40	01-Apr
125	Cassava	0.30	1.10	0.50	20	40	90	60	01-Apr	0.30	1.10	0.50	20	40	90	60	01-Apr	0.30	1.10	0.50	20	40	90	60	01-Apr
135	Yautia (Cocoyam)	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May
136	Taro (Coco Yam)	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May
137	Yams	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar
149	Roots and Tubers nes	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar
156	Sugar Cane	0.40	1.25	0.75	30	50	180	60	15-Mar	0.40	1.25	0.75	30	50	180	60	15-Mar	0.40	1.25	0.75	30	50	180	60	15-Mar
157	Sugar Beets	0.35	1.20	0.70	35	60	70	40	15-Nov	0.35	1.20	0.70	45	75	80	30	15-Nov	0.35	1.20	0.70	50	40	50	40	15-Apr
161	Sugar Crops nes	0.35	1.20	0.70	35	60	70	40	15-Nov	0.35	1.20	0.70	45	75	80	30	15-Nov	0.35	1.20	0.70	50	40	50	40	15-Apr
176	Beans, Dry	0.40	1.15	0.35	15	25	35	20	15-Jul	0.40	1.15	0.35	15	25	35	20	15-Jun	0.40	1.15	0.35	20	30	40	20	15-May
181	Broad Beans, Dry	0.50	1.15	0.30	20	30	35	15	15-Jul	0.50	1.15	0.30	20	30	35	15	15-Jun	0.50	1.15	0.30	20	30	35	15	15-Apr
187	Peas, Dry	0.50	1.15	0.30	20	30	35	15	15-Jun	0.50	1.15	0.30	20	30	35	15	15-Jun	0.50	1.15	0.30	20	30	35	15	01-Apr
191	Chick-Peas	1.00	0.35	0.40	20	30	35	15	15-Jun	1.00	0.35	0.40	20	30	35	15	15-Jun	1.00	0.35	0.40	20	30	35	15	01-Apr
195	Cow Peas, Dry	0.40	1.05	0.35	20	30	30	20	15-Jun	0.40	1.05	0.35	20	30	30	20	15-Jun	0.40	1.05	0.35	20	30	30	20	01-Apr
197	Pigeon Peas	0.40	1.15	0.55	20	30	30	20	15-Jun	0.40	1.15	0.55	20	30	30	20	15-Jun	0.40	1.15	0.55	20	30	30	20	01-Apr
201	Lentils	0.40	1.10	0.30	25	35	70	40	15-Jun	0.40	1.10	0.30	25	35	70	40	15-Jun	0.40	1.10	0.30	25	35	70	40	01-Apr
203	Bambara Beans	0.40	1.15	0.55	15	25	25	10	01-Nov	0.40	1.15	0.55	15	25	25	10	01-Nov	0.40	1.15	0.55	15	25	25	10	01-Nov
205	Vetches	0.50	1.15	1.10	20	30	30	20	15-Jun	0.50	1.15	1.10	20	30	30	20	15-Jun	0.50	1.15	1.10	20	30	30	20	01-Apr
210	Lupins	0.40	1.15	0.55	20	30	30	20	01-May	0.40	1.15	0.55	20	30	30	20	01-May	0.40	1.15	0.55	20	30	30	20	01-May
211	Pulses nes	0.40	1.15	0.35	20	30	40	20	01-Dec	0.40	1.15	0.35	20	30	40	20	01-Nov	0.40	1.15	0.35	20	30	40	20	01-Apr
216	Brazil Nuts	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
217	Cashew Nuts	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb
220	Chestnuts	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
221	Almonds	0.40	0.90	0.65	20	60	30	255	15-Feb	0.40	0.90	0.65	20	60	30	255	15-Feb	0.40	0.90	0.65	20	60	30	255	15-Feb
222	Walnuts	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
223	Pistachios	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb
224	Kolanuts	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
225	Hazelnuts (Filberts)	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr

Crop codes FAOSTAT	Crop list (FAOSTAT)	Tropics								Subtropics summer rainfall								Subtropics winter rainfall							
		Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
226	Areca Nuts (Betel)	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
234	Nuts nes	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
236	Soybeans	0.40	1.15	0.50	15	15	40	15	01-Dec	0.40	1.15	0.50	20	30	60	25	01-Jun	0.40	1.15	0.50	20	30	60	25	15-Apr
242	Groundnuts in Shell	0.40	1.15	0.60	35	45	35	25	01-Nov	0.40	1.15	0.60	35	45	35	25	01-Jul	0.40	1.15	0.60	35	45	35	25	01-Jun
249	Coconuts	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
254	Oil Palm Fruit	0.90	0.95	0.95	120	60	180	5	15-Feb	0.90	0.95	0.95	120	60	180	5	15-Feb	0.90	0.95	0.95	120	60	180	5	15-Feb
260	Olives	0.65	0.70	0.70	30	90	60	185	15-Apr	0.65	0.70	0.70	30	90	60	185	15-Apr	0.65	0.70	0.70	30	90	60	185	15-Apr
265	Castor Beans	0.35	1.15	0.55	20	40	50	255	01-Nov	0.35	1.15	0.55	20	40	50	255	01-Nov	0.35	1.15	0.55	20	40	50	255	01-Nov
267	Sunflower Seed	0.35	1.15	0.35	25	35	45	25	15-Nov	0.35	1.15	0.35	25	35	45	25	15-Nov	0.35	1.15	0.35	25	35	45	25	15-Nov
270	Rapeseed	0.35	1.15	0.35	30	60	30	30	01-Dec	0.35	1.15	0.35	30	60	30	30	01-Oct	0.35	1.15	0.35	30	60	30	30	01-Jun
277	Jojoba Seeds	0.60	0.85	0.75	60	90	120	95	15-Jun	0.60	0.85	0.75	60	90	120	95	15-Jun	0.60	0.85	0.75	60	90	120	95	15-Jun
280	Safflower Seed	0.35	1.15	0.25	35	55	60	40	15-Oct	0.35	1.15	0.25	35	55	60	40	15-Oct	0.35	1.15	0.25	35	55	60	40	15-Oct
289	Sesame Seed	0.35	1.10	0.25	20	30	40	20	15-Jun	0.35	1.10	0.25	20	30	40	20	15-Jun	0.35	1.10	0.25	20	30	40	20	15-Apr
292	Mustard Seed	0.70	0.90	0.85	10	15	20	10	15-Aug	0.70	0.90	0.85	10	15	20	10	15-Aug	0.70	0.90	0.85	10	15	20	10	15-Aug
296	Poppy Seed	0.60	1.05	0.90	30	40	40	20	01-Oct	0.60	1.05	0.90	30	40	40	20	01-Oct	0.60	1.05	0.90	30	40	40	20	01-Oct
299	Melonseed	0.40	1.05	0.75	25	35	40	30	15-Mar	0.40	1.05	0.75	25	35	40	30	15-Mar	0.40	1.05	0.75	25	35	40	30	15-Mar
310	Kapok Fruit	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
328	Seed Cotton	0.35	1.20	0.60	30	50	60	55	01-Jun	0.35	1.20	0.60	30	50	60	55	01-Jun	0.35	1.20	0.60	30	50	60	55	01-Jul
333	Linseed	0.35	1.10	0.25	25	35	50	40	15-May	0.35	1.10	0.25	25	35	50	40	15-May	0.35	1.10	0.25	25	35	50	40	15-Apr
336	Hempseed	0.35	1.10	0.25	25	35	50	40	15-May	0.35	1.10	0.25	25	35	50	40	15-May	0.35	1.10	0.25	25	35	50	40	15-Apr
339	Oilseeds nes	0.35	1.15	0.35	25	35	45	25	15-Nov	0.35	1.15	0.35	25	35	45	25	15-Nov	0.35	1.15	0.35	25	35	45	25	15-Nov
358	Cabbages	0.70	1.05	0.95	40	60	50	15	01-Jul	0.70	1.05	0.95	40	60	50	15	01-Nov	0.70	1.05	0.95	40	60	50	15	01-Jul
366	Artichokes	0.50	1.00	0.95	20	25	250	70	01-Jul	0.50	1.00	0.95	20	25	250	70	01-Nov	0.50	1.00	0.95	20	25	250	70	01-Jul
367	Asparagus	0.50	0.95	0.30	50	30	100	185	15-Feb	0.50	0.95	0.30	50	30	100	185	15-Feb	0.50	0.95	0.30	50	30	100	185	15-Feb
372	Lettuce	0.70	1.00	0.95	25	35	30	10	01-Nov	0.70	1.00	0.95	25	35	30	10	01-Nov	0.70	1.00	0.95	25	35	30	10	01-Nov
373	Spinach	0.70	1.00	0.95	20	30	40	10	01-Nov	0.70	1.00	0.95	20	30	40	10	01-Nov	0.70	1.00	0.95	20	30	40	10	01-Nov
388	Tomatoes	0.60	1.15	0.80	30	40	40	25	15-Jan	0.60	1.15	0.80	30	40	40	25	15-Jan	0.60	1.15	0.80	30	40	40	25	15-Jan
393	Cauliflower	0.70	1.05	0.95	25	35	25	15	15-Oct	0.70	1.05	0.95	25	35	25	15	15-Oct	0.70	1.05	0.95	25	35	25	15	15-Oct
394	Pumpkins, Squash, Gourds	0.50	0.95	0.75	20	30	30	20	15-Aug	0.50	0.95	0.75	20	30	30	20	15-Aug	0.50	0.95	0.75	20	30	30	20	15-Aug
397	Cucumbers and Gherkins	0.60	1.00	0.75	20	30	40	15	01-Jul	0.60	1.00	0.75	25	35	50	20	01-Nov	0.60	1.00	0.75	20	30	40	15	01-Jul
399	Eggplants	0.60	1.05	0.90	30	40	40	20	15-Oct	0.60	1.05	0.90	30	40	40	20	15-Oct	0.60	1.05	0.90	30	45	40	25	15-May
401	Chillies&Peppers, Green	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct
402	Onions+Shallots, Green	1.00	1.00	0.30	20	45	20	10	15-Oct	1.00	1.00	0.30	20	45	20	10	15-Oct	1.00	1.00	0.30	20	45	20	10	15-Oct
403	Onions, Dry	0.70	1.05	0.75	20	35	110	45	15-Oct	0.70	1.05	0.75	20	35	110	45	15-Oct	0.70	1.05	0.75	20	35	110	45	15-Oct
406	Garlic	0.70	1.00	0.70	20	35	110	45	15-Oct	0.70	1.00	0.70	20	35	110	45	15-Oct	0.70	1.00	0.70	20	35	110	45	15-Oct
407	Leeks and Oth.Alliac.Veg	1.00	1.00	0.30	20	45	20	10	15-Oct	1.00	1.00	0.30	20	45	20	10	15-Oct	1.00	1.00	0.30	20	45	20	10	15-Oct
414	Beans, Green	0.50	1.05	0.90	15	25	25	10	15-Oct	0.50	1.05	0.90	15	25	25	10	15-Oct	0.50	1.05	0.90	15	25	25	10	15-Aug
417	Peas, Green	0.50	1.15	1.10	20	30	35	15	15-Nov	0.50	1.15	1.10	20	30	35	15	15-Nov	0.50	1.15	1.10	20	30	35	15	15-Aug
420	Broad Beans, Green	0.50	1.15	1.10	90	45	40	1	15-Nov	0.50	1.15	1.10	90	45	40	1	15-Nov	0.50	1.15	1.10	90	45	40	1	15-Nov
423	String Beans	0.40	1.15	0.55	20	30	30	20	15-Oct	0.40	1.15	0.55	20	30	30	20	15-Oct	0.40	1.15	0.55	20	30	30	20	15-Aug
426	Carrots	0.70	1.05	0.95	20	30	50	20	01-Dec	0.70	1.05	0.95	20	30	50	20	01-Dec	0.70	1.05	0.95	30	40	60	20	15-Mar
430	Okra	0.70	1.00	0.70	20	45	20	10	15-Oct	0.70	1.00	0.70	20	45	20	10	15-Oct	0.70	1.00	0.70	20	45	20	10	15-Oct
446	Green Corn (Maize)	0.70	1.20	0.60	20	35	40	30	15-Jun	0.70	1.20	0.60	20	40	45	30	15-Dec	0.70	1.20	0.60	30	40	50	30	15-Apr
461	Carobs	0.50	1.10	0.65	60	90	120	95	15-Jan	0.50	1.10	0.65	60	90	120	95	15-Jan	0.50	1.10	0.65	60	90	120	95	15-Jan
463	Vegetables Fresh nes	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct
486	Bananas	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb

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489	Plantains	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb
490	Oranges	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
495	Tang.Mand.Clement.Satsma	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
497	Lemons and Limes	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
507	Grapefruit and Pomelos	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
512	Citrus Fruit nes	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
515	Apples	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
521	Pears	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
526	Apricots	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan
530	Sour Cherries	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
531	Cherries	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
534	Peaches and Nectarines	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
536	Plums	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
541	Stone Fruit nes, Fresh	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan
544	Strawberries	0.40	0.85	0.75	20	40	120	60	15-Apr	0.40	0.85	0.75	20	40	120	60	15-Apr	0.40	0.85	0.75	20	50	75	60	15-Feb
547	Raspberries	0.30	1.05	0.50	20	40	120	60	15-Apr	0.30	1.05	0.50	20	40	120	60	15-Apr	0.30	1.05	0.50	20	50	75	60	15-Feb
549	Gooseberries	0.40	0.85	0.75	20	40	120	60	15-Apr	0.40	0.85	0.75	20	40	120	60	15-Apr	0.40	0.85	0.75	20	50	75	60	15-Feb
550	Currants	0.70	1.05	0.95	35	45	40	15	01-Feb	0.70	1.05	0.95	35	45	40	15	01-Feb	0.70	1.05	0.95	35	45	40	15	01-Feb
552	Blueberries	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
554	Cranberries	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
558	Berries nes	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
560	Grapes	0.40	0.85	0.40	20	40	120	60	15-Apr	0.40	0.85	0.40	20	40	120	60	15-Apr	0.40	0.85	0.40	20	40	120	60	15-Apr
567	Watermelons	0.40	1.05	0.75	30	45	65	20	15-Dec	0.40	1.05	0.75	30	45	65	20	15-Dec	0.40	1.05	0.75	20	30	30	30	01-Apr
568	Cantaloupes&oth Melons	0.50	0.85	0.60	30	45	35	10	15-Dec	0.50	0.85	0.60	30	45	35	10	15-Dec	0.50	0.85	0.60	30	45	35	10	01-Apr
569	Figs	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
571	Mangoes	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May
572	Avocados	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan
574	Pineapples	0.50	0.30	0.30	60	120	175	10	15-Jan	0.50	0.30	0.30	60	120	175	10	15-Jan	0.50	0.30	0.30	60	120	175	10	15-Jan
577	Dates	0.90	0.95	0.95	120	60	180	5	15-Jan	0.90	0.95	0.95	120	60	180	5	15-Jan	0.90	0.95	0.95	120	60	180	5	15-Jan
591	Cashewapple	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
592	Kiwi Fruit	0.40	1.05	1.05	60	90	120	95	15-Jan	0.40	1.05	1.05	60	90	120	95	15-Jan	0.40	1.05	1.05	60	90	120	95	15-Jan
600	Papayas	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan
603	Fruit Tropical Fresh nes	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May
619	Fruit Fresh nes	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
636	Maize for Forage+Silage	0.30	1.20	0.50	20	35	40	30	15-Jun	0.30	1.20	0.50	20	35	40	30	15-Jun	0.30	1.20	0.50	30	40	50	30	15-Apr
637	Sorghum for Forage+Silag	0.30	1.00	0.55	20	35	40	30	15-Jun	0.30	1.00	0.55	20	35	40	30	01-Jun	0.30	1.00	0.55	20	35	40	30	01-Jun
638	Rye Grass,Forage+Silage	0.95	1.05	1.00	10	15	75	35	15-Mar	0.95	1.05	1.00	10	15	75	35	15-Mar	0.95	1.05	1.00	10	15	75	35	15-Mar
639	Grasses nes,Forage+Silag	0.40	0.95	0.40	10	15	75	35	15-Mar	0.40	0.95	0.40	10	15	75	35	15-Apr	0.40	0.95	0.40	10	15	75	35	15-Apr
640	Clover for Forage+Silage	0.40	1.15	1.10	30	30	75	25	15-Mar	0.40	1.15	1.10	30	30	75	25	15-Mar	0.40	1.15	1.10	30	30	75	25	15-Mar
641	Alfalfa for Forage+Silag	0.40	0.95	0.40	10	15	75	35	15-Nov	0.40	0.95	0.40	10	15	75	35	15-Nov	0.40	0.95	0.40	10	15	75	35	15-Nov
642	Green Oilseeds fr Fodder	0.35	1.15	0.35	20	40	50	25	01-Nov	0.35	1.15	0.35	20	40	50	25	01-Nov	0.35	1.15	0.35	20	40	50	25	01-Nov
643	Leguminous nes,For+Sil	0.40	1.15	0.55	20	30	30	20	15-Oct	0.40	1.15	0.55	20	30	30	20	15-Oct	0.40	1.15	0.55	20	30	30	20	15-Aug
644	Cabbage for Fodder	0.70	1.05	0.95	40	60	50	15	01-Jul	0.70	1.05	0.95	40	60	50	15	01-Nov	0.70	1.05	0.95	40	60	50	15	01-Jul
646	Turnips for Fodder	0.50	1.10	0.95	40	60	50	15	01-Jul	0.50	1.10	0.95	40	60	50	15	01-Nov	0.50	1.10	0.95	40	60	50	15	01-Jul
647	Beets for Fodder	0.50	1.10	0.95	15	25	20	10	01-Apr	0.50	1.10	0.95	15	25	20	10	01-Apr	0.50	1.10	0.95	15	25	20	10	01-Apr
648	Carrots for Fodder	0.70	1.05	0.95	20	30	50	20	01-Dec	0.70	1.05	0.95	20	30	50	20	01-Dec	0.70	1.05	0.95	30	40	60	20	15-Mar

Crop codes FAOSTAT	Crop list (FAOSTAT)	Tropics								Subtropics summer rainfall								Subtropics winter rainfall							
		Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
649	Swedes for Fodder	0.50	1.10	0.95	40	60	50	15	01-Jul	0.50	1.10	0.95	40	60	50	15	01-Nov	0.50	1.10	0.95	40	60	50	15	01-Jul
655	Vegetables+Roots,Fodder	0.70	1.05	0.95	15	25	20	10	01-Apr	0.70	1.05	0.95	15	25	20	10	01-Apr	0.70	1.05	0.95	15	25	20	10	01-Apr
656	Coffee, Green	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May
661	Cocoa Beans	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May
667	Tea nes	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb
674	Tea	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb
677	Hops	0.30	1.05	0.85	25	40	80	10	15-Apr	0.30	1.05	0.85	25	40	80	10	15-Apr	0.30	1.05	0.85	25	40	80	10	15-Apr
687	Pepper, White/Long/Black	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct
689	Pimento, Allspice	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
692	Vanilla	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
693	Cinnamon (Canella)	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
698	Cloves, Whole+Stems	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
702	Nutmeg, Mace, Cardamons	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
711	Anise, Badian, Fennel	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct	0.70	1.05	0.95	35	45	40	15	15-Oct
720	Ginger	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May
723	Spices nes	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May
748	Peppermint	0.60	1.15	1.10	50	30	100	185	15-Feb	0.60	1.15	1.10	50	30	100	185	15-Feb	0.60	1.15	1.10	50	30	100	185	15-Feb
773	Flax Fibre and Tow	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	30	40	100	50	15-Oct
777	Hemp Fibre and Tow	0.35	1.10	0.25	20	40	30	15	01-Jun	0.35	1.10	0.25	20	40	30	15	01-Jun	0.35	1.10	0.25	20	40	30	15	01-Jun
780	Jute	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar
782	Jute-Like Fibres	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar
788	Ramie	0.35	1.10	0.25	20	50	60	235	15-Mar	0.35	1.10	0.25	20	50	60	235	15-Mar	0.35	1.10	0.25	20	50	60	235	15-Mar
789	Sisal	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb
800	Agave Fibres nes	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb
809	Abaca (Manila Hemp)	1.00	1.20	1.10	120	60	180	5	15-Feb	1.00	1.20	1.10	120	60	180	5	15-Feb	1.00	1.20	1.10	120	60	180	5	15-Feb
821	Fibre Crops nes	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	30	40	100	50	15-Oct
826	Tobacco Leaves	0.50	1.15	0.80	20	30	30	30	15-Feb	0.50	1.15	0.80	20	30	30	30	15-May	0.50	1.15	0.80	20	30	30	30	15-Feb
836	Natural Rubber	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
839	Natural Gums	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb

Crop codes FAOSTAT	Oceanic temperate								Sub-continental temperate and continental temperate								Sub-continental boreal, continental boreal and polar/arctic							
	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
15	0.70	1.15	0.30	160	75	75	25	15-Oct	0.70	1.15	0.30	20	60	70	30	01-Dec	0.40	1.15	0.30	160	75	75	25	15-Nov
27	1.05	1.20	0.90	30	30	80	40	01-May	1.05	1.20	0.90	30	30	60	30	15-May	1.05	1.20	0.90	30	30	80	40	15-May
44	0.30	1.15	0.25	160	75	75	25	15-Oct	0.30	1.15	0.25	20	60	70	30	01-Dec	0.30	1.15	0.25	160	75	75	25	15-Nov
56	0.30	1.20	0.50	30	40	50	30	15-Apr	0.30	1.20	0.50	30	40	50	30	15-May	0.30	1.20	0.50	30	40	50	30	15-May
71	0.30	1.15	0.25	40	60	60	40	15-Nov	0.30	1.15	0.25	40	30	40	20	15-Oct	0.30	1.15	0.25	160	75	75	25	15-Oct
75	0.30	1.15	0.25	160	75	75	25	15-Oct	0.30	1.15	0.25	20	60	70	30	01-Dec	0.30	1.15	0.25	160	75	75	25	15-Nov
79	0.30	1.00	0.30	20	30	55	35	15-May	0.30	1.00	0.30	20	30	55	35	15-May	0.30	1.00	0.30	20	30	55	35	15-May
83	0.30	1.00	0.55	20	35	40	30	01-Apr	0.30	1.00	0.55	20	35	45	30	01-Jun	0.30	1.00	0.55	20	35	45	30	01-Jun
89	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May
92	0.30	1.00	0.30	10	20	50	30	15-May	0.30	1.00	0.30	10	20	50	30	15-May	0.30	1.00	0.30	10	20	50	30	15-May
94	0.30	1.00	0.30	20	30	50	30	15-May	0.30	1.00	0.30	20	30	50	30	15-May	0.30	1.00	0.30	20	30	50	30	15-May
97	0.30	1.15	0.30	30	30	40	30	15-Oct	0.30	1.15	0.30	30	30	40	30	01-Dec	0.30	1.15	0.30	30	30	40	30	15-Nov
101	0.30	1.00	0.30	20	30	55	35	01-May	0.30	1.00	0.30	20	30	55	35	01-May	0.30	1.00	0.30	20	30	55	35	01-May
103	0.30	1.10	0.30	20	30	50	30	15-May	0.30	1.10	0.30	20	30	50	30	15-May	0.30	1.10	0.30	20	30	50	30	15-May
108	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May	0.30	1.15	0.40	15	20	35	20	15-May
116	0.50	1.15	0.75	30	35	50	30	01-Apr	0.50	1.15	0.75	25	30	45	30	01-May	0.50	1.15	0.75	45	30	70	20	01-May
122	0.50	1.15	0.65	20	30	60	40	01-May	0.50	1.15	0.65	20	30	60	40	01-May	0.50	1.15	0.65	20	30	60	40	01-May
125	0.30	1.10	0.50	20	40	90	60	01-Apr	0.30	1.10	0.50	20	40	90	60	01-Apr	0.30	1.10	0.50	20	40	90	60	01-Apr
135	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May
136	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May	0.50	1.10	0.95	20	40	90	60	01-May
137	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar
149	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar	0.50	1.10	0.95	25	30	25	10	01-Mar
156	0.40	1.25	0.75	30	60	180	95	15-Mar	0.40	1.25	0.75	30	60	180	95	15-Mar	0.40	1.25	0.75	30	60	180	95	15-Mar
157	0.35	1.20	0.70	50	40	50	40	01-Apr	0.35	1.20	0.70	50	40	50	40	15-May	0.35	1.20	0.70	50	40	50	40	15-Apr
161	0.35	1.20	0.70	50	40	50	40	01-Apr	0.35	1.20	0.70	50	40	50	40	15-May	0.35	1.20	0.70	50	40	50	40	15-Apr
176	0.40	1.15	0.35	25	25	30	20	15-Jun	0.40	1.15	0.35	25	25	30	20	15-Jun	0.40	1.15	0.35	25	25	30	20	15-Jun
181	0.50	1.15	0.30	15	25	25	15	01-May	0.50	1.15	0.30	15	25	25	15	01-May	0.50	1.15	0.30	90	45	40	60	10-May
187	0.50	1.15	0.30	35	25	30	20	15-Apr	0.50	1.15	0.30	35	25	30	20	15-Apr	0.50	1.15	0.30	35	25	30	20	15-Apr
191	1.00	0.35	0.40	35	25	30	20	15-Apr	1.00	0.35	0.40	35	25	30	20	15-Apr	1.00	0.35	0.40	35	25	30	20	15-Apr
195	0.40	1.05	0.35	20	30	30	20	15-Apr	0.40	1.05	0.35	20	30	30	20	15-Apr	0.40	1.05	0.35	20	30	30	20	15-Apr
197	0.40	1.15	0.55	20	30	30	20	15-Apr	0.40	1.15	0.55	20	30	30	20	15-Apr	0.40	1.15	0.55	20	30	30	20	15-Apr
201	0.40	1.10	0.30	20	30	60	40	01-May	0.40	1.10	0.30	20	30	60	40	01-May	0.40	1.10	0.30	20	30	60	40	01-May
203	0.40	1.15	0.55	20	30	30	10	01-Nov	0.40	1.15	0.55	20	30	30	10	01-Nov	0.40	1.15	0.55	20	30	30	10	01-Nov
205	0.50	1.15	1.10	20	30	30	20	15-Apr	0.50	1.15	1.10	20	30	30	20	15-Apr	0.50	1.15	1.10	20	30	30	20	15-Apr
210	0.40	1.15	0.55	20	30	30	20	01-May	0.40	1.15	0.55	20	30	30	20	01-May	0.40	1.15	0.55	20	30	30	20	01-May
211	0.40	1.15	0.35	20	30	40	20	15-Apr	0.40	1.15	0.35	20	30	40	20	15-Apr	0.40	1.15	0.35	20	30	40	20	15-Apr
216	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
217	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb
220	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
221	0.40	0.90	0.65	20	60	30	255	15-Feb	0.40	0.90	0.65	20	60	30	255	15-Feb	0.40	0.90	0.65	20	60	30	255	15-Feb
222	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
223	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb	0.40	1.10	0.45	20	60	30	255	15-Feb
224	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
225	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr

Crop codes FAOSTAT	Oceanic temperate								Sub-continental temperate and continental temperate								Sub-continental boreal, continental boreal and polar/arctic							
	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
226	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
234	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr	0.50	1.10	0.65	20	10	130	205	15-Apr
236	0.40	1.15	0.50	20	25	75	30	01-May	0.40	1.15	0.50	20	25	75	30	01-May	0.40	1.15	0.50	20	25	75	30	10-May
242	0.40	1.15	0.60	35	45	35	25	01-Jun	0.40	1.15	0.60	35	45	35	25	01-Jun	0.40	1.15	0.60	35	45	35	25	01-Jun
249	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
254	0.90	0.95	0.95	120	60	180	5	15-Feb	0.90	0.95	0.95	120	60	180	5	15-Feb	0.90	0.95	0.95	120	60	180	5	15-Feb
260	0.65	0.70	0.70	30	90	60	185	15-Apr	0.65	0.70	0.70	30	90	60	185	15-Apr	0.65	0.70	0.70	30	90	60	185	15-Apr
265	0.35	1.15	0.55	20	40	50	255	01-Mar	0.35	1.15	0.55	20	40	50	255	01-Mar	0.35	1.15	0.55	20	40	50	255	01-Mar
267	0.35	1.15	0.35	25	35	45	25	01-May	0.35	1.15	0.35	25	35	45	25	01-May	0.35	1.15	0.35	25	35	45	25	15-Apr
270	0.35	1.15	0.35	30	60	60	30	01-May	0.35	1.15	0.35	30	60	60	30	15-Sep	0.35	1.15	0.35	30	60	60	30	15-May
277	0.60	0.85	0.75	60	90	120	95	15-Jun	0.60	0.85	0.75	60	90	120	95	15-Jun	0.60	0.85	0.75	60	90	120	95	15-Jun
280	0.35	1.15	0.25	25	35	55	30	15-Mar	0.35	1.15	0.25	20	35	45	25	15-Apr	0.35	1.15	0.25	20	35	45	25	15-Apr
289	0.35	1.10	0.25	20	30	40	20	15-Jun	0.35	1.10	0.25	20	30	40	20	15-Jun	0.35	1.10	0.25	20	30	40	20	15-Jun
292	0.70	0.90	0.85	10	15	20	10	01-May	0.70	0.90	0.85	10	15	20	10	01-May	0.70	0.90	0.85	10	15	20	10	01-May
296	0.60	1.05	0.90	30	40	40	20	01-Oct	0.60	1.05	0.90	30	40	40	20	01-Oct	0.60	1.05	0.90	30	40	40	20	01-Oct
299	0.40	1.05	0.75	25	35	40	30	15-Aug	0.40	1.05	0.75	25	35	40	30	15-Aug	0.40	1.05	0.75	25	35	40	30	15-Aug
310	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
328	0.35	1.20	0.60	30	50	60	55	15-May	0.35	1.20	0.60	30	50	60	55	15-May	0.35	1.20	0.60	45	90	45	45	15-Mar
333	0.35	1.10	0.25	25	35	50	40	15-Apr	0.35	1.10	0.25	25	35	50	40	15-May	0.35	1.10	0.25	25	35	50	40	15-May
336	0.35	1.10	0.25	25	35	50	40	15-Apr	0.35	1.10	0.25	25	35	50	40	15-Apr	0.35	1.10	0.25	25	35	50	40	15-Apr
339	0.35	1.15	0.35	25	35	45	25	01-May	0.35	1.15	0.35	25	35	45	25	01-May	0.35	1.15	0.35	25	35	45	25	15-Apr
358	0.70	1.05	0.95	40	60	50	15	01-May	0.70	1.05	0.95	40	60	50	15	15-May	0.70	1.05	0.95	40	60	50	15	01-May
366	0.50	1.00	0.95	20	25	250	70	01-May	0.50	1.00	0.95	20	25	250	70	15-May	0.50	1.00	0.95	20	25	250	70	01-May
367	0.50	0.95	0.30	90	30	200	45	15-Feb	0.50	0.95	0.30	90	30	200	45	15-Feb	0.50	0.95	0.30	90	30	200	45	15-Feb
372	0.70	1.00	0.95	35	50	45	10	15-Feb	0.70	1.00	0.95	35	50	45	10	15-Feb	0.70	1.00	0.95	35	50	45	10	15-Feb
373	0.70	1.00	0.95	20	20	25	5	01-Apr	0.70	1.00	0.95	20	20	25	5	01-Apr	0.70	1.00	0.95	20	20	25	5	01-Apr
388	0.60	1.15	0.80	35	40	50	30	01-May	0.60	1.15	0.80	35	40	50	30	20-May	0.60	1.15	0.80	30	40	60	30	01-May
393	0.70	1.05	0.95	35	50	40	15	01-May	0.70	1.05	0.95	35	50	40	15	15-May	0.70	1.05	0.95	35	50	40	15	01-May
394	0.50	0.95	0.75	25	35	35	25	15-Jun	0.50	0.95	0.75	25	35	35	25	15-Jun	0.50	0.95	0.75	25	35	35	25	15-Jun
397	0.60	1.00	0.75	25	35	50	20	01-May	0.60	1.00	0.75	25	35	50	20	15-May	0.60	1.00	0.75	25	35	50	20	01-May
399	0.60	1.05	0.90	30	45	40	25	01-May	0.60	1.05	0.90	30	45	40	25	15-May	0.60	1.05	0.90	30	45	40	25	15-May
401	0.70	1.05	0.95	35	45	40	15	01-May	0.70	1.05	0.95	35	45	40	15	15-May	0.70	1.05	0.95	35	45	40	15	01-May
402	1.00	1.00	0.30	25	30	10	5	01-May	1.00	1.00	0.30	30	55	55	40	01-Mar	1.00	1.00	0.30	30	55	55	40	01-Mar
403	0.70	1.05	0.75	20	35	110	45	15-Apr	0.70	1.05	0.75	20	35	110	45	15-Jan	0.70	1.05	0.75	20	35	110	45	15-Jan
406	0.70	1.00	0.70	20	35	110	45	15-Sep	0.70	1.00	0.70	20	35	110	45	15-Jan	0.70	1.00	0.70	20	35	110	45	15-Jan
407	1.00	1.00	0.30	25	30	10	5	01-May	1.00	1.00	0.30	30	55	55	40	01-Mar	1.00	1.00	0.30	30	55	55	40	15-May
414	0.50	1.05	0.90	20	30	30	10	15-May	0.50	1.05	0.90	20	30	30	10	15-May	0.50	1.05	0.90	20	30	30	10	15-May
417	0.50	1.15	1.10	35	25	30	20	15-Apr	0.50	1.15	1.10	35	25	30	20	15-Apr	0.50	1.15	1.10	35	25	30	20	15-Apr
420	0.50	1.15	1.10	90	45	40	1	10-May	0.50	1.15	1.10	90	45	40	1	10-May	0.50	1.15	1.10	90	45	40	1	10-May
423	0.40	1.15	0.55	20	30	30	20	15-May	0.40	1.15	0.55	20	30	30	20	15-May	0.40	1.15	0.55	20	30	30	20	15-May
426	0.70	1.05	0.95	30	40	60	20	15-Mar	0.70	1.05	0.95	30	50	90	30	15-Oct	0.70	1.05	0.95	30	50	90	30	15-Oct
430	0.70	1.00	0.70	25	30	10	5	01-May	0.70	1.00	0.70	30	55	55	40	15-Apr	0.70	1.00	0.70	30	55	55	40	15-May
446	0.70	1.20	0.60	25	35	40	30	15-Apr	0.70	1.20	0.60	30	40	50	30	15-May	0.70	1.20	0.60	30	40	50	50	15-Apr
461	0.50	1.10	0.65	60	90	120	95	15-Jan	0.50	1.10	0.65	60	90	120	95	15-Jan	0.50	1.10	0.65	60	90	120	95	15-Jan
463	0.70	1.05	0.95	35	45	40	15	01-May	0.70	1.05	0.95	35	45	40	15	15-May	0.70	1.05	0.95	35	45	40	15	01-May
486	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb

Crop codes FAOSTAT	Oceanic temperate								Sub-continental temperate and continental temperate								Sub-continental boreal, continental boreal and polar/arctic							
	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
489	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb	1.00	1.20	1.10	120	60	180	5	01-Feb
490	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
495	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
497	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
507	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
512	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
515	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
521	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
526	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan
530	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
531	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
534	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
536	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
541	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan	0.55	0.90	0.65	60	90	120	95	15-Jan
544	0.40	0.85	0.75	20	40	120	60	01-Jun	0.40	0.85	0.75	20	40	120	60	01-Jun	0.40	0.85	0.75	20	40	120	60	01-Jun
547	0.30	1.05	0.50	20	40	120	60	01-Jun	0.30	1.05	0.50	20	40	120	60	01-Jun	0.30	1.05	0.50	20	40	120	60	01-Jun
549	0.40	0.85	0.75	20	40	120	60	01-Jun	0.40	0.85	0.75	20	40	120	60	01-Jun	0.40	0.85	0.75	20	40	120	60	01-Jun
550	0.70	1.05	0.95	35	45	40	15	01-Feb	0.70	1.05	0.95	35	45	40	15	01-Feb	0.70	1.05	0.95	35	45	40	15	01-Feb
552	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
554	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
558	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb	0.30	1.05	0.50	35	45	40	15	01-Feb
560	0.40	0.85	0.40	30	60	40	80	01-Apr	0.40	0.85	0.40	30	60	40	80	01-Apr	0.40	0.85	0.40	20	50	75	60	01-Mar
567	0.40	1.05	0.75	20	30	30	30	01-May	0.40	1.05	0.75	20	30	30	30	01-May	0.40	1.05	0.75	20	30	30	30	01-May
568	0.50	0.85	0.60	30	45	35	10	01-May	0.50	0.85	0.60	30	45	35	10	01-May	0.50	0.85	0.60	30	45	35	10	01-May
569	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan	0.70	0.65	0.70	60	90	120	95	15-Jan
571	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May
572	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan
574	0.50	0.30	0.30	60	120	175	10	15-Jan	0.50	0.30	0.30	60	120	175	10	15-Jan	0.50	0.30	0.30	60	120	175	10	15-Jan
577	0.90	0.95	0.95	120	60	180	5	15-Jan	0.90	0.95	0.95	120	60	180	5	15-Jan	0.90	0.95	0.95	120	60	180	5	15-Jan
591	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
592	0.40	1.05	1.05	60	90	120	95	15-Jan	0.40	1.05	1.05	60	90	120	95	15-Jan	0.40	1.05	1.05	60	90	120	95	15-Jan
600	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan	0.60	0.85	0.75	60	90	120	95	15-Jan
603	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May	0.90	1.10	0.90	90	90	90	95	15-May
619	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan	0.60	0.95	0.75	60	90	120	95	15-Jan
636	0.30	1.20	0.50	25	40	45	30	15-Apr	0.30	1.20	0.50	30	40	50	30	15-May	0.30	1.20	0.50	30	40	50	30	15-May
637	0.30	1.00	0.55	20	35	40	30	01-May	0.30	1.00	0.55	20	35	40	30	01-May	0.30	1.00	0.55	20	35	40	30	01-May
638	0.95	1.05	1.00	10	15	75	35	15-Mar	0.95	1.05	1.00	10	15	75	35	15-Sep	0.95	1.05	1.00	10	15	75	35	15-Mar
639	0.40	0.95	0.40	10	15	75	35	15-Apr	0.40	0.95	0.40	10	15	75	35	15-Apr	0.40	0.95	0.40	10	15	75	35	15-Apr
640	0.40	1.15	1.10	30	30	75	25	15-Oct	0.40	1.15	1.10	30	30	75	25	15-Oct	0.40	1.15	1.10	30	30	75	25	15-Oct
641	0.40	0.95	0.40	10	15	75	35	15-Apr	0.40	0.95	0.40	10	15	75	35	15-Apr	0.40	0.95	0.40	10	15	75	35	15-Apr
642	0.35	1.15	0.35	20	40	50	25	01-Mar	0.35	1.15	0.35	20	40	50	25	01-Mar	0.35	1.15	0.35	20	40	50	25	01-Mar
643	0.40	1.15	0.55	20	30	30	20	15-May	0.40	1.15	0.55	20	30	30	20	15-May	0.40	1.15	0.55	20	30	30	20	15-May
644	0.70	1.05	0.95	40	60	50	15	01-May	0.70	1.05	0.95	40	60	50	15	15-May	0.70	1.05	0.95	40	60	50	15	01-May
646	0.50	1.10	0.95	40	60	50	15	01-May	0.50	1.10	0.95	40	60	50	15	15-May	0.50	1.10	0.95	40	60	50	15	01-May
647	0.50	1.10	0.95	15	25	20	10	01-Apr	0.50	1.10	0.95	15	25	20	10	01-Apr	0.50	1.10	0.95	15	25	20	10	01-Apr
648	0.70	1.05	0.95	30	40	60	20	15-Mar	0.70	1.05	0.95	30	50	90	30	15-Oct	0.70	1.05	0.95	30	50	90	30	15-Oct

Crop codes FAOSTAT	Oceanic temperate								Sub-continental temperate and continental temperate								Sub-continental boreal, continental boreal and polar/arctic							
	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date	Kc ini	Kc mid	Kc end	Initial stage	Dev. Stage	Mid. Stage	Late stage	Planting / Green up date
649	0.50	1.10	0.95	40	60	50	15	01-May	0.50	1.10	0.95	40	60	50	15	15-May	0.50	1.10	0.95	40	60	50	15	01-May
655	0.70	1.05	0.95	15	25	20	10	01-Apr	0.70	1.05	0.95	15	25	20	10	01-Apr	0.70	1.05	0.95	15	25	20	10	01-Apr
656	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May
661	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May	0.90	0.95	0.95	120	60	180	5	15-May
667	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb
674	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb	1.10	1.15	1.15	120	60	180	5	15-Feb
677	0.30	1.05	0.85	25	40	80	10	15-Apr	0.30	1.05	0.85	25	40	80	10	15-Apr	0.30	1.05	0.85	25	40	80	10	15-Apr
687	0.70	1.05	0.95	35	45	40	15	01-May	0.70	1.05	0.95	35	45	40	15	15-May	0.70	1.05	0.95	35	45	40	15	01-May
689	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
692	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
693	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
698	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
702	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb	0.95	1.00	0.95	120	60	180	5	15-Feb
711	0.70	1.05	0.95	35	45	40	15	01-May	0.70	1.05	0.95	35	45	40	15	15-May	0.70	1.05	0.95	35	45	40	15	01-May
720	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May
723	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May	0.70	1.00	0.70	15	25	70	40	01-May
748	0.60	1.15	1.10	90	30	200	45	15-Feb	0.60	1.15	1.10	90	30	200	45	15-Feb	0.60	1.15	1.10	90	30	200	45	15-Feb
773	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	25	35	50	40	15-Apr	0.35	1.10	0.25	25	35	50	40	15-Apr
777	0.35	1.10	0.25	20	40	30	15	01-Jun	0.35	1.10	0.25	20	40	30	15	01-Jun	0.35	1.10	0.25	20	40	30	15	01-Jun
780	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar
782	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar	0.35	1.10	0.25	20	50	60	35	15-Mar
788	0.35	1.10	0.25	20	50	60	235	15-Mar	0.35	1.10	0.25	20	50	60	235	15-Mar	0.35	1.10	0.25	20	50	60	235	15-Mar
789	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb
800	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb	0.35	0.70	0.40	120	60	180	5	15-Feb
809	1.00	1.20	1.10	120	60	180	5	15-Feb	1.00	1.20	1.10	120	60	180	5	15-Feb	1.00	1.20	1.10	120	60	180	5	15-Feb
821	0.35	1.10	0.25	30	40	100	50	15-Oct	0.35	1.10	0.25	25	35	50	40	15-Apr	0.35	1.10	0.25	25	35	50	40	15-Apr
826	0.50	1.15	0.80	20	30	30	30	15-May	0.50	1.15	0.80	20	30	30	30	15-May	0.50	1.15	0.80	20	30	30	30	15-May
836	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb
839	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb	0.95	1.00	1.00	120	60	180	5	15-Feb

Appendix VII. Average crop yield (hg/ha) per country (1997-2001)

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
Country codes	Country	Wheat	Rice, Paddy	Barley	Maize	Rye	Oats	Millet	Sorghum	Buckwheat	Quinoa	Fonio	Triticale	Canary Seed	Mixed Grain	Cereals nes	Potatoes	Sweet Potatoes	Cassava	Yautia (Cocoyam)	Taro (Coco Yam)	Yams	Roots and Tubers nes	Sugar Cane	Sugar Beets	Sugar Crops nes	Beans, Dry
2	Afghanistan	12686	22407	12167	15500			8148									167857							190000	142857		
3	Albania	28036		18361	35936	14787	13969										133830								302396		10977
4	Algeria	9574	15000	8850	24875		7443		37750				15123				153598										5067
5	American Samoa																		66667		33333	34483		9091			
7	Angola	17052	8333		6317			5162									50896	66907	67364					375631			3841
8	Antigua and Barbuda				16043													57800	43666		35178	37077					
9	Argentina	24264	52717	25413	53780	12232	17413	13955	44540					10179		6567	270162	157247	100000					619327			10655
1	Armenia	19378		10033	34605	13993	11629									10394	115265										19247
10	Australia	19454	87873	19787	50828	6341	18162	12765	27853				21304	6038			307752	171429						920649			8994
11	Austria	50848		45177	95865	38253	40512						49606		41625			294291							628532		
52	Azerbaijan, Republic of	20627	47539	17884	30497	10176	9973	871	599								96193								175751		17042
12	Bahamas				20023													58214	87462					241176			
13	Bahrain																126667										
16	Bangladesh	21665	31618	6617	14374			7243	11047								117817	93089						410801		201696	6862
14	Barbados				25000													84995	274333		39333	89973		574100			
15	Belarus	21283		20359	24364	17676	18078			6877			27052			12489	115098								269753		15390
57	Belgium-Luxembourg	48563		39866	63813	18724	25008						37975		30000		277417								391102		19068
23	Belize		25934		25670				32586								100944	65848	117925	77892		33660	41833	478360			8440
53	Benin		20172		11633			7726	8467			5734					63642	54526	106512		40390	110335		369817			6856
17	Bermuda																236538	112500									
18	Bhutan	15385	16667	10000	16180			8750		8440						9124	136400						80741	312195			
19	Bolivia	9139	18751	7088	18855	6651	9188		23912		6259					5590	58364	44130	106022				35496	420800			10326
80	Bosnia and Herzegovina	28872		23919	37000	22858	21875										82711										10908
20	Botswana	16743			2018			1904	1755														68598				
21	Brazil	17325	29202	20249	28554	10336	11604		17345	10638							165421	107125	131162			91612		686927			6801
239	British Virgin Islands																										
26	Brunei Darussalam		16288															51905	117628				10000				
27	Bulgaria	29071	40057	27601	29820	18951	17947		18577				21379			14744	99679								145057		5109
233	Burkina Faso		20886		16201			6883	8355			7803					52796	80746	20000			70771		1000000			
29	Burundi	7758	31502		11320			11890	12328								26820	62808	88451		46281	57891		688650			9816
115	Cambodia		19375		19101													35090	104363				116810	210962			6004
32	Cameroon	13333	32509		22821			10027	11053								43918	69022	120095			87905	60185	100000			8615
33	Canada	22734		29365	71717	20717	24417			10267			24758	10045	28462		272728								463857		18097
35	Cape Verde				5765												165714	52996	120000					154861			
36	Cayman Islands																	35000	18000			40000					
37	Central African Republic		15594		10169			10100	9353								25602		29863		30121	67913		71431			
39	Chad	18767	13271		8684			4180	6484							9337	66605	25671	85138		30400	95900		883341			5480
40	Chile	40096	43905	37629	90000	26254	31300										165192	70000							633891		13602
357	China	38556	62830	29588	47807	17404	25277	17932	34545	17184			32455		24309		142580	197564	159836		174786		136000	684949	264409		13442
43	Cocos (Keeling) Islands																										
44	Colombia	20649	47546	18573	18696				31502								162935		96867			108212	106130	862459			10233
45	Comoros		12143		22128												126745	25909	55253		61731	52854					
250	Congo, Dem Republic of	12869	7550	6311	8093			6610	6663								46327	50184	81140		43075	65949	75032	475133			5409
46	Congo, Republic of		6998		8540												88964	67225	85976			46857	79727	393387			7851
47	Cook Islands																	272000	170589				200000				
48	Costa Rica		43036		18033												237653		119255			154959	86777	804068			4711

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
107	Côte d'Ivoire		24629		9221			7442	4889			4818						20987	54224		14040	85222		631314			
98	Croatia	39835		31599	52116	25884	24708	35877	41283	30555					31105		99454								372675		24877
49	Cuba		28908		18161				10000								228500	46775	39708	62928		120251		326964			7040
50	Cyprus	19730		14605			11016										186845				284672						12919
167	Czech Republic	44654		37333	65300	35757	30351	17800					38970		18063	23333	204036								439788		14645
54	Denmark	72592		52692		51304	51999						49601		19500		404957								540576		
72	Djibouti				16250																						
55	Dominica				13077											100000	40087	94895	72817	98435	149539		204762				
56	Dominican Republic		47524		12044				24383								125777	61120	65792	80123		60570		336153			7357
58	Ecuador	6651	34792	6901	11226	6800	6522		14808		5082						85933	34084	47041			21058	689141	60882		5655	
59	Egypt	61272	88638	23459	74781	20000			56009								229849	249073			282918			1167293	466346		27222
60	El Salvador		52976		20519				15176								205237	64265	127067	180952				749658		8093	
61	Equatorial Guinea																25286	25059				50179					
178	Eritrea	7929		8076	5914			3416	6761							5181	80820					25118				5533	
63	Estonia	19295		17686		18521	18027			13750			4291		16551		131802							64118		20330	
238	Ethiopia	12539	3685	10150	16867		10019	9119	12167							8020	80014	88250			40184	78161	978784			7338	
64	Faeroe Islands																136364										
66	Fiji Islands		21012		24272				30000								80000	87478	126463		117425	132937	29600	492024			
67	Finland	31249		30588		20000	30138								26584		228164							335580			
68	France	70413	58011	61623	88201	44671	43468		61123	24659			49875		41118		384513							710731		25295	
69	French Guiana		28055		7073														61391	53882				723532			
70	French Polynesia															90180		174572				100000	744762				
74	Gabon		20000		16622												17567	50222		61474	71682		550441				
75	Gambia		18161		15252			10437	11608										30000								
73	Georgia	17124		13680	19944	17301	9041			1360						112345								44000		8859	
79	Germany	74356		59771	87235	54850	48968						60297		46734		410636							555208			
81	Ghana		18657		14484		6667	8331	9963									13750	120289		69193	128554	50000	254122			
84	Greece	23828	74337	23920	93104	22876	19049		20000						20000		188648	201160						589829		20189	
86	Grenada				10000														27334	60837		23147	68261	455905		10000	
87	Guadeloupe																	108431	102402		115859	106006	599242				
88	Guam				20000													125000					150000				
89	Guatemala	20263	26973	8513	17107				11937							220029		27993						986752		6731	
90	Guinea		15388		10597			8261	7325			8944						61353	56715		64258	117456		515794			
175	Guinea-Bissau		13910		9976			7030	8250			5957							154038				62092	275000			
91	Guyana		39400		15425														124760				48154	615169			
93	Haiti		21721		7728				7207								127739	29943	42849		53891	19160	531779			6753	
95	Honduras	6667	24796		13550				10692								138749	33333	59460			71943	838090			7555	
97	Hungary	39728	31854	33125	58587	21549	23784	13453	20558	10349			29540	9223			209008							405563		11549	
99	Iceland																133351										
100	India	26482	29892	19330	18279			8075	7895								177820	88583	246268					690703		3347	
101	Indonesia		43340		27078												148989	95567	124024			52424	666020		26630	9092	
102	Iran, Islamic Rep of	17297	40466	15877	62948			9286									208912							836556	270747		15420
103	Iraq	6474	15250	5146	15995		8392	10000	10000								155860							220148	232011		9864
104	Ireland	86060		64422		20000	67835										302123								462719		50364
105	Israel	14651		6012	136125		5023		121999								344084	343442									
106	Italy	31477	60692	35782	95469	25737	22765		60635						32908		242186	146406							481332		18668
109	Jamaica		13706		11720												147609	160455	188127			160255	202528	590696		9918	
110	Japan	35839	64774	34697	24579		16531	10000		6492							313002	243587			122663	212528	153823	665065	555610	17020	
112	Jordan	14888		9556	131384				114576								246476										
108	Kazakhstan	9460	29902	10433	29112	9612	9676	5056	29844	4731					11047		101809								151442		7946
114	Kenya	16717	37056	24752	15371		10697	4828	8387								70592	95612	87524				50000	785552		3957	
83	Kiribati																				42184	103289					
116	Korea, Dem People's Rep	17443	34554	15898	23450	12700	14172	9555	10000								100964	123806									8502
117	Korea, Republic of	33698	67030	37560	40217	16159		11628	14102	10373						12839	244224	208622									10744
118	Kuwait	24544		21740	191484												323988										

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
113	Kyrgyzstan	23606	24853	19601	53055	17209	23173		8262								142114								187731		
120	Laos		29171		23453												64780	56409	117805					322292			9017
119	Latvia	25933		17987		19547	16696			10216			23252		16614	12737	134012								336351		16377
121	Lebanon	22953		12514	21175		13165		16772								208195				228678			241024	509090		21108
122	Lesotho	12683		2732	9018		14133		9849								163274										8715
123	Liberia		12419															100000	65509		84436	86957		102033			
124	Libyan Arab Jamahiriya	8435		4804	20880			11486									202255										30097
125	Liechtenstein																										
126	Lithuania	30012		22591		21122	17807			7944		24526		17830			138951								306225		17277
154	Macedonia, The Fmr Yug Rp	25823	48075	23178	38420	16388	11645	8500	12931								125105								290686		24858
129	Madagascar	24262	21164		8993				4900								58419	56137	69178		63570			326772			9158
130	Malawi	7630	17598		14036			5502	6258								112535		96940					1032749			4549
131	Malaysia		30187		22524													110931	101026				55079	710022			
132	Maldives						14000											9457	39610		66758		47042				
133	Mali	20320	20596		14546			7509	8924			7747				3333		84921	101926			96326		711587			
134	Malta	40605		36391													204641										23500
127	Marshall Islands																										
135	Martinique																	84109	25000			94355	138069	655119			
136	Mauritania	10000	41021	15530	8740			2547	4535								49219	10000				62500					8813
137	Mauritius				62459												212805	130827	147335		75308			720482			
138	Mexico	46550	43723	20752	24477		19614	7079	31608				23803	8585			222843	195643	123239	37016			264740	742135			6043
145	Micronesia, Fed States of		11250		12000				25000									58824	107273								
146	Moldova, Republic of	25691		19098	29294	16570	13017	4738	13881	4820							62729								189514		9497
141	Mongolia	7083		6783													75421										
142	Montserrat				18750												35000	20000									
143	Morocco	9704	46827	5877	5536	10000	5295	14172	6334						15000	178153	157937							745614	518558		5512
144	Mozambique	10000	10126		9444			5847	7734								126211	70174	56245				50000	145990			
28	Myanmar	10806	32498		17969			6598								3641	105174	55385	109457					460915	138861		7503
147	Namibia	57526			9607			2739	2994														85156				
148	Nauru																										
149	Nepal	16897	25562	10567	17997			10776									93069						50000	360666			6542
150	Netherlands	80132		60168	82142	50481	52903						51416				442668								570380		29349
153	New Caledonia	17895			39949				16715								125219	42857	70000		38333	62857					
156	New Zealand	61294		55639	101548	42777									29143	427496	155255										
157	Nicaragua		31804		12155				16864								134047		108856				39104	699664			7042
158	Niger	23938	32405		7499			3925	2058			6250				5367	120076	139568	186927					392939			5000
159	Nigeria	18945	14881		12245			10396	11015			5399					47324	58928	106672		67467	97287		296394			
160	Niue																178571	51429		74419	9231						
162	Norway	44040		35836		36760	39717					24750					244803										
221	Oman	28878							29878							13333	273155										
165	Pakistan	22553	29115	9767	17165			4892	6084								149426	107881					167705	465743	269537		4909
299	Palestine, Occupied Tr.	17238		12763					8930								301131	290393			260000		212887		53000		
166	Panama		24440		15882				28849								173000		113260	59898		57387		533466			5004
168	Papua New Guinea		18571		56977				30597								40282	46738	108042		53249	173088	145443	495840			
169	Paraguay	12833	39633		23611				14244								57842	74167	142699					443104			7756
170	Peru	12205	62993	11448	22830	8697	10013		33798			9283				8539	106973	159710	108869	49658			52016	1223643			9082
171	Philippines		29665		17131												126164	43476	82319		50543	47599	53408	709890			7247
173	Poland	34191		30015	58222	22794	24168			12016			30579		26955		174520								369612		18749
174	Portugal	12609	59124	11616	56809	8320	8659						10892				147566	73333				162682		800000	535958		5303
177	Puerto Rico				17581													63878	47736			63692	37891	364609			6745
179	Qatar	23095		30011	125031												92952										
182	Réunion		20000		68000												201091	138276	72000					729744			7538
183	Romania	27422	23995	26138	30913	19108	15047	7692	13841						19827		133406								202826		15269
185	Russian Federation	16887	30199	16491	21260	15697	14177	9337	9740	6208						7974	103916								182225		10630
184	Rwanda	7581	25119		8277			7633	9681								70379	53439	40433		27977	26667		419496			6363

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
187	Saint Helena																										
188	Saint Kitts and Nevis																119552	40507					38000	23333	619988		
189	Saint Lucia																	110516	30432	60000	50000	37600	40218				
190	Saint Pierre & Miquelon																										
191	Saint Vincent/Grenadines				26667													15626	62500				89585	75000	250000		
244	Samoa																		125000		43977	43962	65778	120000			
193	Sao Tome and Principe				22016														95412		85871	57755	122750				
194	Saudi Arabia	44747		49527	17253			13701	12608								226687										
195	Senegal		25333		10098			6094	7345							5521	176538	47094	44497					1094974			
186	Serbia and Montenegro	34931		26759	42109	17677	18277		37975								86865								348863		12822
196	Seychelles																		50000								
197	Sierra Leone		11887		10423			9121	9765							8702		27476	52106		23375			720000			
200	Singapore																						100000				
199	Slovakia	40214		30634	51706	25810	20548	13482	22535								152121								371117		14651
198	Slovenia	43090		36293	66056	28479	24837	13149		11350							202648								441084		111593
25	Solomon Islands		31872															144389	162022		198750	240384					
201	Somalia	3459	15391		7453				3170									100000	100000					328817			2558
202	South Africa	24308	23022	15392	24618	711	12013	5766	26581	2900							287740	40308						708543		13616	
203	Spain	25021	72909	26457	94680	15993	16163	36153	49789								240895	162601					196400	824272	593770		9924
38	Sri Lanka		33993		10849			7142	7544								121575	61430	85490					559326		8798	
206	Sudan	20608	9952		6653			2282	6097								73261	134282	17793			24172		778447		18826	
207	Suriname		37252		20853													70024	158812				64858	405455			
209	Swaziland	15182	51208		16943				6227								20262	18000						1037939			7787
210	Sweden	59008		40121		49594	36997										316307								450653		14795
211	Switzerland	59349		61221	94288	61996	53560										61106	47142	403092						673273		
212	Syrian Arab Republic	20913		6302	36908			10453	6918								199310							110000	434207		15505
208	Tajikistan	11764	30503	7324	34922	7437	3692		19199	212730							111069										
215	Tanzania, United Rep of	13458	13972	20542	14029			9501	9652								75383	18429	96389			58824		901396		7042	
216	Thailand	6530	25000	23572	35005				16218					4000		24812	132514		159027		111690		122037	591599			7869
176	Timor-Leste		28394		19092												21400	40921	45529							3818	
217	Togo		21546		10956			4866	7607							11251		35701	60275		12022	105994				2818	
218	Tokelau																						187500				
219	Tonga																121875	131148		84338	162830	83333					
220	Trinidad and Tobago		29940		26776												62745	121595	100000	101946	88637	81007	558874				
222	Tunisia	14244		8801			1111		3333							17498	144969								353821		5590
223	Turkey	20842	55234	21981	41154	16684	18844	17164						13649	13569		257001				49915				409236		13339
213	Turkmenistan	21166	8285	3591	6989												48390										
227	Tuvalu																										
226	Uganda	17795	14301		16025			14751	13713								67665	41330	109166					130600		5700	
230	Ukraine	25687	32082	19914	29141	17250	17198	11069	8637	7246						14845	103880							173072		16504	
225	United Arab Emirates		5329														198331										
229	United Kingdom	76123		55535		54210	58003							55524		42597		402745							533756		
231	United States of America	27930	67690	31916	84103	17489	21876	16849	41051	10000							400672	169863			151362			787093	491529	18448	
234	Uruguay	21028	62282	19422	32460		9946		31889								148570	100000						558928		6138	
235	Uzbekistan	25579	18718	8726	30927	21667		26000	30050							4286	133405								132324		
155	Vanuatu						5385																79419				
236	Venezuela, Boliv Rep of	3911	48531		31365				22340								178657	89467	122993	95529		87247	163891	579998	159814	7797	
237	Viet Nam		40931		26431												106326	63803	90662					494172		6917	
243	Wallis and Futuna Is																		104348		133333	119048	66667	200000			
205	Western Sahara			7817																							
249	Yemen	15195		11049	14375			6366	10010							13667	124773	100000								15166	
251	Zambia	63353	10024	8849	14138			7196	7265								90475	147427	57614					1052301			
181	Zimbabwe	54371	20800	54477	12466		17810	2982	6682								156113	21105	42885					1045808		7652	
	Global average yield	27257	38919	24552	43295	21859	20282	7683	13846	10810	7534	7050	37635	9616	27465	8454	159442	147561	103188	79824	61254	95614	71361	646938	391871	69849	6677

Crop codes (FAOSTAT)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267
Country	Broad Beans, Dry	Peas, Dry	Chick-Peas	Cow Peas, Dry	Pigeon Peas	Lentils	Bambara Beans	Vetches	Lupins	Pulses nes	Brazil Nuts	Cashew Nuts	Chestnuts	Almonds	Walnuts	Pistachios	Kolanuts	Hazelnuts (Filberts)	Areca Nuts (Betel)	Nuts nes	Soybeans	Groundnuts in Shell	Coconuts	Oil Palm Fruit	Olives	Karite Nuts (Sheanuts)	Castor Beans	Sunflower Seed
Afghanistan										13514				16364	21739	9654				14286					7436			13333
Albania	15385							2726		2872			25600							10885	15848				10639			15602
Algeria	4978	3720	5180			3955		4335		7983				8776								10870			14658			5000
American Samoa																							21364					
Angola												3957										3955		120894			2582	7113
Antigua and Barbuda																												
Argentina	90699	12312	9445			18960			15000					19579	25493						23568	20276			31856			17320
Armenia		11272				5845		5510		7100				4767														
Australia	14790	10929	8672	4286		10858		7749	11450					19842						24447	19282	17425			17005			11009
Austria	25124	26635													26619						23255							24726
Azerbaijan, Republic of	35467					13781				27333				2343	39086			7213		12040	11588				3731			9057
Bahamas					6929																							
Bahrain										10909										20294								
Bangladesh		6608	7712		5237	7873				8050									6575			11274	28423				6456	
Barbados										12541												21786	29962					
Belarus		13074													26217			17550		15250								18728
Belgium-Luxembourg	25754	28613								27000					14927													
Belize												12884									16927	13819	44865					
Benin										8044		1804					2778				7676	8410	16667	110449		25000	6000	
Bermuda																												
Bhutan										8000											6500							
Bolivia	9733	13048	6886										12674								17964	11334						9206
Bosnia and Herzegovina		13208	8001	13766		2457		36326						7093	14933						16506							5529
Botswana										4889												6880						10708
Brazil	3086	22877										1894			16154					7122	24267	17968	70257	100000	7334	4500	14650	
British Virgin Islands																												
Brunei Darussalam																							17265					
Bulgaria		19411	13354			7088								5726	11119					25000	8026	8405					9398	
Burkina Faso				78382			10637			10000		3333									10941	8636				25000		
Burundi		6417			9600																7756	7640		112933				
Cambodia																				15980	10648	7642	67909				9260	
Cameroon				21828						9443							3764				6285	7143	29948	201074				
Canada	22091	21729	12970			12165															24448							15489
Cape Verde										964																	6000	
Cayman Islands																												
Central African Republic										9675																		
Chad										8056												10393		85111				
Chile		8909	7568			6703			18410					12324	14472										26294			14240
China	15951	13494	32114			11414				18692		3255	51794	19569	16303	17501		15042	33280	28909	17235	28688	98416	143622	78832	9359	15790	
Cocos (Keeling) Islands																							80210					
Colombia						2857				7188											21292	15258	72905	178997				
Comoros					7300					9199												8212	28161					
Congo, Dem Republic of		6695								6187											5605	7780		44779				
Congo, Republic of		7578																				7160	35738	123793				
Cook Islands																												
Costa Rica																				6478		12294	47583	171142				

Crop codes (FAOSTAT)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267
Côte d'Ivoire										6672		5363					6818				12000	9646	51719	99845		21894		
Croatia		1797		40000		14923		33238						26839	20593						21643				13572			19645
Cuba																						10000	23175					
Cyprus	15329		13799	16813		4772		9089		10315				3962	6200	1217		6291				41124			20693			
Czech Republic	14507	23920				5333		7960		16805					12657						13971							21113
Denmark		35791								24000																		
Djibouti																												
Dominica										4100													32949					
Dominican Republic	13253	11053			9167							1780										11633	41210	151867				
Ecuador	8144	5148				3521			3556												15629	7712	71483	125124		8000	14859	
Egypt	29940	18394	17918	22965		16998		23358	16757	20309					20425					31965	26784	30722			70565		26052	
El Salvador												7332									23580	10000	118264		7000			
Equatorial Guinea																							23200	100294				
Eritrea	5000	4123	4735			7799		4980		6800												9917						
Estonia		14845																										
Ethiopia	9919	7261	8613			6377		9604		5700										11590	34648	6991				10416		
Faeroe Islands																												
Fiji Islands										11389												10000	32797					
Finland		17840																										
France	39600	48724				13730			30741	40000			23370	36005	19673			19469			26192				11751		23124	
French Guiana																							36508					
French Polynesia																							42801					
Gabon										6667											8644	10732		81500				
Gambia										2552												11637		100000				
Georgia		6997												12000	20379		18068				12700	6402					6514	
Germany	37156	33737													31125						20029						24945	
Ghana										1096		5769					2831				1337		9969	57196	92976	26701		
Greece	18418	17845	12349			13724		12037	10000	13462			16037	12074	14246	14611		14664			20000	35132			28935		13899	
Grenada					11581																		29565					
Guadeloupe										28467													22333					
Guam																				25333			55807					
Guatemala	6798									65870											49477	29957	9319	35181	152896			
Guinea										8549												10733	37500	26774				
Guinea-Bissau										6209		3796										11698	50558	84211				
Guyana		5908																				8674	49679					
Haiti				6981	4000																	8177	29647			5870		
Honduras												2809									20572	10000	88731	188434				
Hungary	8876	22011				8291			8261	7044			25783	18127	16350		18146				20226							16052
Iceland																												
India		9769	8002		6986	6720				5750		6441			9428				11607		10161	10146	51401			10441	5622	
Indonesia										5000		3386							4715	5515	12119	16312	55759	172510		2234		
Iran, Islamic Rep of			3660			3992				11074				10374	28378	8602		11726		20000	16400	27273			34933		5467	
Iraq	17075		6663	8743		6928		7213						11693	12326					19756	10921	32897			32746		13525	
Ireland		38708																										
Israel		10010	18636			4200				9091				16536							18479		64821		18968		14207	
Italy	14873	26828	12123			7532		9938	15033				25818	11545	32621	6768		16353		15025	36454				27663		20869	
Jamaica	10000	9812		10307	12114																	12007	33349					
Japan	11111	19156											10723								17711	23209						
Jordan	1250		12169			7846		8310						25365											13727			
Kazakhstan		8474	7150																		11817	15611					4384	
Kenya			3207	3394	3776	8131						62401								14897		14989	43211			2769	8879	
Kiribati																				6551			38158					
Korea, Dem People's Rep													15072							13512	11410							
Korea, Republic of										11641			24576		23237					24947	14308	19114						
Kuwait																												

Crop codes (FAOSTAT)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267
Kyrgyzstan										16923				8000	17637			6505		10000		10991						19821
Laos										9708											8178	10572						
Latvia		16894						15689													2227							
Lebanon	22194	25221	14320			10833		11834	24359	13658				44073	46036					37125		29122			20007			22554
Lesotho		6122																										
Liberia										5546										8738	4000	6000	29167	107407				
Libyan Arab Jamahiriya	12478	16327	11583											5050								17691			17428			
Liechtenstein																												
Lithuania		14588						20150	7131	17570																		
Macedonia, The Fmr Yug Rp		29598	12479	35901		6517		12267						18363	19131													11100
Madagascar		13708		8261		6546				10000		4135				4351					11200	7392	25546	117778			3305	
Malawi			3968	6852	6367															9546		7223						5338
Malaysia												18571								16634		37672	38102	184813				
Maldives										7792										5813	53963		43702					
Mali				4438			6314			6000										6667		8600				25758		
Malta								28000																	10190			
Marshall Islands																							22611					
Martinique																							22844					
Mauritania				3535						4000																		
Mauritius																							33885					
Mexico	8276	9823	15928			8460		126462		9726		1501		18996	22795	4334				12950	15705	14726	68161	93721	29629		5100	8515
Micronesia, Fed States of																							46205					
Moldova, Republic of		13795						10423						18473	18905			10917		20400	9904							11708
Mongolia										8127																		
Montserrat																												
Morocco	4980	4090	5360			3214		3606	6682	7373				4838	16185						8600	17464			9990		5000	5818
Mozambique										4602		9450										6663	41000				3508	5459
Myanmar		7381	7053	7144	6719	4397													12224		9188	11809	74530				6073	
Namibia										11060												5759						7488
Nauru																							50000					
Nepal			7776		8351	7607				6792				8000							7768		16118					
Netherlands	61267	46018																										
New Caledonia										6267													60074					
New Zealand		31504				21231																						
Nicaragua																					19564	28894	49882	265000				
Niger				1218						3667												4822						
Nigeria				4297						4167		6081					9011			20000	7166	10503	43885	26559		16256		
Niue																						8000						
Norway																												
Oman																												
Pakistan		5966	5808			5913				9060				39760	103484	18175				19000	12529	10638	40000				6733	12261
Palestine, Occupied Tr.	8715		9196	22870		5414		7494														32170			10307			18441
Panama					4778					3572												7725		40221				
Papua New Guinea										5000																		
Paraguay	9742	8980																		5550		7747	35935	157715				
Peru	11426	10051	16964			9074			10409	13088	4248	49892	25484		42712					17739	14547	16562	125978	183843	41836		13106	12249
Philippines										7723		4160								10384	12147	9654	37873	132676			8000	
Poland		21542						10629	13232	23329																		
Portugal	6107		6357						10000				10528	3752	14601			9333		8444		25000			7794			5012
Puerto Rico					14342																		62436					
Qatar																												
Réunion										8000												9231	45102					
Romania		15521								8968			92000		146321						15243						4803	10820
Russian Federation	10400	14160	10857			6960		11577	10655	7627			29932		7373			15400		47808	8898						9989	8409
Rwanda		3875																			5067	6026						

Crop codes (FAOSTAT)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267
Saint Helena																												
Saint Kitts and Nevis										10000												13084	57200					
Saint Lucia										20000													40800					
Saint Pierre & Miquelon																												
Saint Vincent/Grenadines										10000												11270	37552					
Samoa																							62322					
Sao Tome and Principe																							21101	118605				
Saudi Arabia										18448												40000						
Senegal				3557						5000		2725								12500		9536	30323	100000				
Serbia and Montenegro		18560		29967				34213					22900		17075						21482				7809			17956
Seychelles																							45828					
Sierra Leone	11643	8043								6639												8655	9428	80668				
Singapore																							86134					
Slovakia	44853	20656				9379		6410		38706					12632						15022							15949
Slovenia		47277											24086		233195						18550				19822			14263
Solomon Islands										12806											9636			85513	168972			
Somalia																						6993	35240					
South Africa		10898		4443						8155											29429	15490	17037				6150	12742
Spain	9922	11462	5914			6214		6083	7133	5796			14981	4277	37169			7938		25000	21519	39856			22308			10391
Sri Lanka					9067							2476									9303	6334	47516					
Sudan	22365		16150							8485												6530					5376	4876
Suriname										7273											8177	12794	79385	20417				
Swaziland				4372						10000												11256						
Sweden		25932																										
Switzerland		37929													23251							30426						29119
Syrian Arab Republic	18449	12297	6605			7946		5493	11090	17803				29828		18373				29335	13265	22779			12587			19314
Tajikistan		4911				2599				7902				7048				12633		17982	2207	2212						2211
Tanzania, United Rep of		4206	3776	3147	7046					4165		12405								10000	3635	6340	11613	135222			5800	3488
Thailand										10195		10000							16109	12107	14374	15686	42283	159373			5954	
Timor-Leste																					8185	10079						
Togo										7143		9720										5296	35000	88939		26428	833	
Tokelau																							50000					
Tonga																						5161	74729					
Trinidad and Tobago				37591	28556					4815													53753					
Tunisia	6901	7260	6180			4330				10840				2819		528									4771			8063
Turkey	18748	22543	9051			8985		5923		10084			14345	22083	19988	13619		15477		14500	26744	26471			17619		14844	
Turkmenistan		15113												6746						22592								
Tuvalu																							9000					
Uganda		6129	5144	9253	9287																11447	6959					3000	5800
Ukraine		16094						18912					10000	6156	18783			12320		10283	11163					4671	10479	
United Arab Emirates													77722															
United Kingdom	35299	36460								35443																		
United States of America		25080		8939		15394								27829	30410	27986		26796		26144	25844	29917			66255		15167	
Uruguay	28201	22294																			18039	5000			23135		10396	
Uzbekistan	17907	7600	5000											12145	19529	10000		11000		29271		11611			8400		18000	
Vanuatu																						10009	40044					
Venezuela, Boliv Rep of		9923			7859																27704	22642	51687	125643			10055	
Viet Nam										7395		13633								16507	11554	14077	60806				8070	
Wallis and Futuna Is																						5610						
Western Sahara																												
Yemen	13826	13036	12217			6957				14977				7198														
Zambia										4850											14690	4009						4502
Zimbabwe										5879											8389	19746	19561					5706
Global average yield	15091	18138	7679	3646	6886	8167	8527	9582	11479	7443	509740	5269	28033	9288	20900	10826	5695	15080	12249	14715	22149	14109	46227	117286	18251	19109	9167	12179

Crop codes (FAOSTAT)	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Country	Rapeseed	Tung Nuts	Jojoba Seeds	Safflower Seed	Sesame Seed	Mustard Seed	Poppy Seed	Melonseed	Tallowtree Seeds	Kapok Fruit	Seed Cotton	Linseed	Hempseed	Oilseeds nes	Cabbages	Artichokes	Asparagus	Lettuce	Spinach	Tomatoes	Cauliflower	Pumpkins, Squash, Gourds	Cucumbers and Gherkins	Eggplants	Chilies&Peppers, Green	Onions+Shallots, Green
Afghanistan					6381						11000	3462														
Albania											9750									292606						
Algeria	19117										6160				95220	90463				177865	112924	110178	165179	123979	107059	
American Samoa																										
Angola					2699						10364									37059						9667
Antigua and Barbuda											1423				47600					72900		67250	76154	66041	44359	
Argentina	13867	13443		7683							12084	7675				188333	40000			345801		155506			184821	
Armenia															219669					273434	163207		130269			
Australia	12763			7445		6452					36196	9255			330475		42180	248023	151535	469583	102070	111034	159663		175861	
Austria	25884						9729							7807	446963		54503	339657	216592	1353090			728679		360873	
Azerbaijan, Republic of											8515				152059					184130			112565	43261	18357	
Bahamas																				130115						
Bahrain															192727			195892		256348	125071	93703	100298	127161	432367	
Bangladesh	7444				6133						20330	7172		9186	100806			46539	47563	70090	75132	75804	42960			
Barbados															75152			101349		75695		122112	76083		60226	
Belarus	6596											1797			181630					76004			132007			
Belgium-Luxembourg	20964											6143			147824		45420	362514	136623	2024178	106755		722463		200705	83728
Belize															188653					163052		71581	89961		59936	30890
Benin					6138						10302									53087					15506	
Bermuda															176923					115000						
Bhutan						2766																			34000	
Bolivia											9803				104852			96391		135083	73276	83628	69455		17664	
Bosnia and Herzegovina	18862														109705					74894					80800	
Botswana											26073															
Brazil	15207	14061			6114						20562	6606								486106						
British Virgin Islands																										
Brunei Darussalam																										
Bulgaria	4932										7781			17482	161495		48900	79056	68860	145745	93167	97331	154188	214467	92645	88000
Burkina Faso					4587						11162									119609					35000	164543
Burundi											8356															
Cambodia					4611						13745															
Cameroon					1415			5769			10652				125350					118620		11965	11385	35546	12063	
Canada	14220			11642		8894						12105			195709		21065	263619	59547	786891	159249	145789	415913		219883	
Cape Verde															233000			157333		173268	120000	150000	201384			
Cayman Islands																				270000		29200				
Central African Republic					8255						5974											110548				
Chad					3640			7143			6174															
Chile	25122											9000	10000		270687	76173	43866	136587		641230	202489	207427	229304		178722	
China	14660	33226		13905	10398	5262		10243	23247		31571	7238	22739		193273	40056	42083	217277	138381	251887	228136	150516	166670	184631	182756	238032
Cocos (Keeling) Islands																										
Colombia					6385						20776				60093		39913	160884	138236	214344	169675	108883	178095	162513	131432	
Comoros																				90956						25064
Congo, Dem Republic of					4503			4885			4050				167905			308300		71854		148476	40857			
Congo, Republic of					4983										139828			307000		47701						
Cook Islands																				440000						
Costa Rica					6000						10000				74154					289530						

Crop codes (FAOSTAT)	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Côte d'Ivoire					5000						12090									107475				135333	56092	71393
Croatia	22020						6429								135699			68055		105015				66433		67233
Cuba															198145					94594		41707	80625	122857	67145	
Cyprus					3333										335705	190087		146829	108327	956297	253261	265463	760431	483126	282063	62333
Czech Republic	26306					9982	6122					7512		9123	352160			139263	97678	152286	152663		114264		155829	
Denmark	28407					7349						10787			275327			290786		2385185	103608		3535315			
Djibouti																										
Dominica															100000			100000		100000		100000	61589			
Dominican Republic															143972			76564		287875		35882	310000	44872	64255	
Ecuador					5373						13985	3800			131663			76335		83802	74736	134237	125742		85960	52427
Egypt					11994						23944	17713			287905	182474		269091	183035	340304	236101	177306	187814	206305	147943	
El Salvador					7106						15822				80000					303020			100000		76476	
Equatorial Guinea																										
Eritrea					3211							2770		4209												
Estonia	12630											5656			142990					402455	35611		338104			
Ethiopia	7502			5211	4745						10634	4521		3708	96441					124646						100000
Faeroe Islands																										
Fiji Islands															88865					64842		79442	140714	50398	50718	
Finland	13828														213894					2778951	100091		762981			
France	31306					13095	4365					6248	6648		235759	55797	28309	276062	176190	1037880	130549	422569	1207049	368662	308787	188357
French Guiana															150507			43333		289636			216190			
French Polynesia															113311			143500		199966		137250	107345		108522	100667
Gabon																				85334				51584		
Gambia					2806						4773															
Georgia											6000				85120					114568			82577			
Germany	34116					13497	7052					13006			552435		38807	239395	163217	1238771	265378		434869			
Ghana											8048									82042			100000	37647	36085	
Greece					7279			27765			30249				226144	112572	42551	182487	127985	462191	186491	212162	821201	265323	258798	241667
Grenada											2500				100000			70000		85714		100000	100000			
Guadeloupe															89608			195567		158401		95652	350301	150000	112500	
Guam																				120000			260000			
Guatemala					5826						22095				116836			199273		266026	119179				50147	
Guinea					2000						12692															
Guinea-Bissau											12130															
Guyana															54816					56150						
Haiti					2923						4035				60833			27778	132666	143667				100000		
Honduras					11742						20102				285776			155333		100736	78823	81667	226364	75000	46764	
Hungary	16516						5945					10137	9079	17420	278602		49452	268034	180086	283096	167375	253733	263402		173347	150500
Iceland															369019					2195000	70538		1027492			
India	8901			5667	3482						6401	3764		3016	218572			65822		161762	182446	96039	66596	159775	90955	
Indonesia										14285	12801				166497				22380	117279		160779	91118	71944	51617	
Iran, Islamic Rep of				5000	6558						20056	5701		13333	222907	125000	142857	239366	114286	269422	250000	129385	167344	236508	240237	
Iraq					6087						12956	5146			126646			90948	47834	118603	87425	84936	69136	113143	75910	93193
Ireland	28020														429733			274441		752000	98737		1080000			
Israel					101833						41705			10000	341058	82629	36604	377172	537957	1047782	209026	412601	601188	775657	459702	327475
Italy	10284											6667			210466	101348	58290	187883	132002	518162	200777	281612	277895	292549	255329	
Jamaica															166070			134630	75134	167057	125864	183587	142858	102857	82897	107989
Japan	17654														415856		35444	246146	125818	576002	116613	142276	488972	342714	398634	212656
Jordan					9398						259688						198348	214113	393801	210652	147037	821124	249297	216477	214195	
Kazakhstan	4402			4113		2977					18495	6545		21731	155868					143980			91672	155595	144971	
Kenya					4107						5372	10000			140859			89709		166959						
Kiribati																										
Korea, Dem People's Rep											18305				191465					75328		100000	118411	100000	24224	131249
Korea, Republic of	14234				6251									7721	587920			246406	156151	569356		276632	567210	166667	46262	260206
Kuwait															440208			457738	428063	691631	427712	248210	420452	568703	629648	

Crop codes (FAOSTAT)	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402	
Kyrgyzstan											25329	26600			178065					160618	66000	84000	121394				
Laos					6108						29481																
Latvia	13713											2834			163701					86749			94615				
Lebanon					18126										374736	118000		212862	251672	393287	203950	289606	492791	259581	179280		
Lesotho																				100000							
Liberia																				198104	97766	104546	226091	225024	113066	173917	
Libyan Arab Jamahiriya															165031												
Liechtenstein																											
Lithuania	16316					4933						3719			207708					77540	41833		127000	40000			
Macedonia, The Fmr Yug Rp	11407				14584		6543				2667				192036					188600			196000		145951		
Madagascar		6774									14212				185939			25607		90000	124800		43364	49702		27917	
Malawi		5985									8244				100157					87429							
Malaysia														10000	377984					168534		297872	249524				
Maldives																									34459		
Mali					1775			1797			10340									181473					77058		
Malta															302282					465406	227534	207953					
Marshall Islands																											
Martinique														150000				317426		201609			219047	100000			
Mauritania																											
Mauritius															226583			135992		115602	190592	128760	163195	127906	48166		
Mexico	12959		8336	13661	5632	24081		1366			29849	55200			333265	147862	37511	201741	114767	275237	121700	143053	252933	287041	124039	228705	
Micronesia, Fed States of																											
Moldova, Republic of																				98293							
Mongolia																											
Montserrat											9167												69119				
Morocco	10167				5983						20033				235843	128438	27692			461295	208472	170568	352367	173385	256737	146234	
Mozambique					4324						4658									87683		20439					
Myanmar					3261	4985					5599																
Namibia											13429																
Nauru																											
Nepal						6496					5144	4680													4268		
Netherlands	28519						13990					10229			332653		63289	398333	218182	4292949	187732	582000	6469136	4113159	2470582		
New Caledonia																											
New Zealand	19043											20000			342719		25596	283391	60902	738063	440469	222682			324487	370433	
Nicaragua					3702						19196				15904					121475							
Niger					2933						24401				91740				91649	178198					81203	68000	
Nigeria					4734			11261			7515									71082					81128	200000	
Niue																											
Norway	17543														348322			189412		3004540	150612		1259942			317997	
Oman																				415621							
Pakistan	9567			6075	4806						17299	5897			151694				13458	107083	104090	184487	104259	125455	105556		
Palestine, Occupied Tr.				1218	5319		287255								324485			266528	158343	730829	247395	149652	401735	472373		200927	
Panama					4976										146424			181566		336089			48629		109106		
Papua New Guinea																				44450		18257					
Paraguay		39040			4309						11654									368393			42187			73263	65149
Peru					11751						16560	7851			137832	111051	88813	133069	121539	262576	123586	188299	120079		70604		
Philippines											8643			4489	113197		55853			88596		86563	40604	90273	37106	10000	
Poland	21805											6112	4750	8928	376782		200000			137507	188736		132064				
Portugal															179000				202503	164706	587949	191318	201667	231828	220000	50000	186667
Puerto Rico															157388					170781		62467				80248	
Qatar															150879			129926	100087	306653	120785	176222	150087	249772	77049		
Réunion															114032			155249		180256	186610	46875		88889		148667	
Romania	13229					5816	6547				5060	10898	1058		214219			91933		134558		54226	170348		100722		
Russian Federation	8791			5618		4865						5127	1020		205600					121674	75564		104371				
Rwanda																						53200					

Crop codes (FAOSTAT)	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Saint Helena																										
Saint Kitts and Nevis											3650															
Saint Lucia																										
Saint Pierre & Miquelon																										
Saint Vincent/Grenadines																						100000			50400	
Samoa														5000												
Sao Tome and Principe																										
Saudi Arabia					10245															213848		113605	396349	127230		
Senegal					4574			2237			7353									118394						
Serbia and Montenegro	16815						7164						604		128113					80877			72606		73243	
Seychelles																				61107						
Sierra Leone					6167															98567						
Singapore																										
Slovakia	19912					7413	4336					12269		14286	209536			91478	59758	198257	117313		116537		127293	
Slovenia	3895														338414			72871	44463	236059	72929		72013		100655	
Solomon Islands																										
Somalia					3257						3816															
South Africa											13398			12000	330180			137119		321146	225999	185908	134451			
Spain	14493			13824							33969	7496	26667		282402	148386	39606	269741	177214	597251	196592	435039	619175	377548	405528	180427
Sri Lanka					5704	7887									131751					72258		141667	92666	72250	28566	
Sudan					1610						11642									119063		182102		243772	62559	
Suriname															228392					122599				288188		
Swaziland											7528									126085						
Sweden	22420											8348			457981			236481		3405711	200052		500000			
Switzerland	30227														203527			225272	113674	1258514	151908		992731		528669	
Syrian Arab Republic					4557						39230				223079	112682		213282		342593	217380	130273	131360	217941	144602	154187
Tajikistan	2209			2213	2205						15191				80551					214284			44988			
Tanzania, United Rep of					3925						5257									77492						
Thailand					5988					34847	14178				111931		38753	163929		218562	69185	119549	82299	61562	140444	
Timor-Leste															31162					13572			10827			
Togo					2665						8795				142857					40622						
Tokelau																										
Tonga																				170143		97936				
Trinidad and Tobago															197504			44688		119159	66674	133295	125145	174458	46870	
Tunisia	7663										15000	21364			119022	78076		212024	117847	297607	174556	82607	204678	140000	101539	213444
Turkey	19791			8305	4762		4368				31124	5770	1515		224879	113159	40000	182914	95805	401774	185898	164177	287335	260140	198788	105345
Turkmenistan											17231				68362					111934			49229			
Tuvalu																										
Uganda					4714						2685									64521						
Ukraine	9794					25333						2078	1204	8530	139389			156800		94529	82000	191963	92257	54714	73899	
United Arab Emirates															457242			189946	1026404	864783	325938	240140	462945	565891	320356	206026
United Kingdom	29667											12135			296836		21430	248760		3857813	134400		4100000		1949000	103142
United States of America	15178			17464		9580					18582	12329			233760	122059	31745	366002	169184	646274	184489	86505	163860	296110	275680	
Uruguay												11010			83198					177000		57489				107220
Uzbekistan	10448			8733	6086						22408	3000		13324	520138	100000		100000		346601			103131	178667	130000	
Vanuatu																										
Venezuela, Boliv Rep of					6261						11559				279967			203823		201022	177632		132860	120836	139756	
Viet Nam					4544						10233				229905						173297					
Wallis and Futuna Is																										
Western Sahara																										
Yemen					5728						10260				92222			45263		149586		92282	159536	86209	52852	
Zambia											12673									100000						
Zimbabwe											9180									64445						
Global average yield	15139	29678	8336	8257	4062	7198	5463	10204	23247	18011	16377	7956	12341	15922	211498	106528	42380	215156	132900	270444	188114	120556	161197	174489	131058	178116

Crop codes (FAOSTAT)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Country	Onions, Dry	Garlic	Leeks and Oth. Alliac. Veg	Beans, Green	Peas, Green	Broad Beans, Green	String Beans	Carrots	Okra	Green Corn (Maize)	Mushrooms	Chicory Roots	Carobs	Vegetables Fresh nes	Bananas	Plantains	Oranges	Tang.Mand.Ci ement.Satm a	Lemons and Limes	Grapefruit and Pomeelos	Citrus Fruit nes	Apples	Pears	Quinces	Apricots
Afghanistan														94541			77333				74026	74468	71875		72816
Albania				86457		52000								75829			49571					55312	59762	31000	17255
Algeria	134740	36925		43648	26526	52950		131562				30912		93823			108364	91697	105213	101906		65080	66907	40923	43341
American Samoa										66667				78333	25000										
Angola														75949	96773						57959				
Antigua and Barbuda	74167			35167				39686						55536	105167				37167						
Argentina	272958	98229		69285	21227		87902	270595						121299	219245		175864	140591	308314	204262		241425	241550	82542	100547
Armenia	169220	95193			55501			158072						194932								43838	36706		61279
Australia	431889			51354	113320			387276		118428	2705832			353943	200367		186546	154549	210772	182814	123096	158941	204149	180000	65657
Austria	501634			125186	104106			451033						302427								344795	351315		60768
Azerbaijan, Republic of	100332	72524			25000			87578						297545			57509	20098			58733	53661	88144		88898
Bahamas	76891													86364	178537				273867	181882					
Bahrain	293187							146157						34737	91168				99438						
Bangladesh	39530	29734		46201										60706	148385		30140	24691	29033	32953					
Barbados	132816						53181	60460	55049	40412				100000	55281										
Belarus	73684							143036						184122								27303	28913	24400	
Belgium-Luxembourg	252058		468119	89156	103867			303850				246466		197166								252368	179925	28762	
Belize								72032	82444					62670	320150	258693	78226			123202					
Benin	107534								30115					65517	52000		48000								
Bermuda	100000			40000				242857						105000	165000										
Bhutan														25714			68639					22000			
Bolivia	75201	46663			15121	16866		95416		29612				50616	109910	115094	75269	109537	93990	132765		65148	58501	64026	
Bosnia and Herzegovina	60389	38566		40000				58701						46075								27538	49307		
Botswana	152424													45756			38658								
Brazil	147638	57978												115874	107773		223290	150286	115859	194216		308964	88290	31401	
British Virgin Islands														103030											
Brunei Darussalam														8219	41171		49644		51250						
Bulgaria	70502	37258		28607	31391	59561		141295						46124								79245	252624	187737	20178
Burkina Faso				101876					100000					80488			45455	83333	70000	150000					
Burundi														101629	50781										
Cambodia														64133	45932		63453		76000	89203					
Cameroon	86694			40327					13551					74822	94442	61775									45197
Canada	366666		61092	56779	39638			341071		97147				280888								202588	119509		72895
Cape Verde	270656	56000		100000				240000						130000	300000										
Cayman Islands														90000	12716										
Central African Republic														80273	61275	28473	40638		45398	70190					
Chad	200000													95804											
Chile	426985	66616		58436	59535	81060		268287		148333				200000			127204		163072			264541	229756		102916
China	206387	130450	225423	113343	79267	86241	128420	182553			869570			176897	197253		102507	70500	77109	75560	94965	81559	75674	73096	57757
Cocos (Keeling) Islands																									
Colombia	299488							307112						331896	342748	71462	125435								
Comoros														70000	57506										
Congo, Dem Republic of	56994							27600						53656	37370	44575	153441		150768	163125					
Congo, Republic of				36334				52880						71072	77933	74984	34880	45302	107925	140464					
Cook Islands														100000	33428		90000		29000						
Costa Rica	234831													137292	488580	69365	139831		98845	49741					

Crop codes (FAOSTAT)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Côte d'Ivoire										35294				82000	160946	35405	112684				113633				
Croatia	75351	36641		29135	29059			80231				223558		71810			4940	74548				94070	52873	52818	28149
Cuba	103999	105541												183132	86038	62773	110648	92224	59827	154084	51538				
Cyprus	372963	114579	60000	103952	119268	79749		356245	188219				20918	75490	348125		220727	171408	199127	312910	87647	91391	70208	58461	88394
Czech Republic	158169	51163		67280	40213			204537						97104								91933	41585		24407
Denmark	310001				100000			416867			1882749			228000								160441	92727		
Djibouti														56500											
Dominica								100000						104177	104132	74840	63811		62500	63656					
Dominican Republic	97640	63355						156183						125326	124481	95334	118480		55403	136525					
Ecuador		15552		10807	10380	17533		72285						66214	294162	88929	67649	36351	55070	91871	52747	42923	63432		46564
Egypt	259386	222250		105865	86359	94931		272635	138203					203141	368398		182185	143716	182949	134597	169120	168535	103022		133256
El Salvador	82599													136833	108622	211333	66920	90285	89293						
Equatorial Guinea															43236	50767									
Eritrea														24554											
Estonia	42228	22262			16184			137028						76039								18557			
Ethiopia	107560	102556												27254	159843		68970	48970	65000						
Faeroe Islands																									
Fiji Islands									60111					80458	75311		44724								
Finland	165658			30992	31036			355043						227664								85702			
France	397816	77876	247032	116904	154025	75000	103715	404834		179189		388532		134450			160407	108056	150000	109983		292375	191751	147916	83114
French Guiana				115602										183450	69920	66131	19264	18238	32708	22600	4000				
French Polynesia							100000	204213						66293	72088		120200	182667		217123	261297				
Gabon														66155	62616	55749					45368				
Gambia														50267											
Georgia	144903							77256						142429			45952					28391	90688		14245
Germany	397693		284947	106161	126190	104926		450934						228636								295311	150310		34980
Ghana	77293			85748					54365						30762	79395	71870		60000						
Greece	226847	78141	228407	90016	60356	76197		308833				14958	230769	185066		261167	155986	120745	181670	125960	218769	82585	72839	136965	
Grenada								53200						100000	32432	86353	53583		154333	120588	77231	42141			
Guadeloupe	80000			113179				90000						114659	207858	108937	37970	40333	51522	108704					
Guam	20000													90909	230000										
Guatemala	199039	60408				61500		235338	92346					86706	411087	386101	248125		263711		37000	96772			
Guinea										24762				40000	37500	51759					51202				
Guinea-Bissau														51029	95238	28886	50000		58182						
Guyana														63960	75652	33439	59386								
Haiti	47923	266000												57714	65204	64889	43418	45958	49290	81380					
Honduras	148328	34696						118621						98621	289613	166517	98099		105870	109264	31080	42571			
Hungary	238564	81243		84547	121168			270521		134596				90135								147448	107378	48858	29494
Iceland								158956																	
India	106707	43208		27539	102619			145142	99535					124929	314391		218615		130366	193548	150900	54592	76862		38167
Indonesia	86705	52322	82188	50601				155137		29538				100879	122780		52001								
Iran, Islamic Rep of	281612	139047	200000		100000	125000		250000						196189	239784		153766	168432	189599	195814	131680	143314	105994	65722	87749
Iraq	67065	20863		30149		42384	48619	80501	62637					64108			44820	128580	49478	75938		86058	46891	59868	40855
Ireland	364000			86000	33584			256889						200000								186833			
Israel	285990	86466		93320	27539	100000		602586				1333	172986	433972		336433	140461	180824	581165	102854	205579	170200		127413	
Italy	295479	85988	247949	86369	65491	60349		454104				22543	171855	266667		160063	152912	158171	170492	128732	346712	191481	97593	111572	
Jamaica	106604						89299	140262		12000				107143	81250	149038	97902	100000	97959	144828					
Japan	473747			72665	64411			300736		96858				262890	45413		185327	222693			207106	202390	217232		
Jordan	263394	200015		115050	77053	86966		259050	39724					162903	149239		165058	230240	177314	174332		87238	37492		45667
Kazakhstan	147153		83712	75509	22967	120811		124921				370000		141558								19982	35910	68513	24359
Kenya	102232			29914	39864									89538	30042	114468	59285		49098	87322	60606		54286		
Kiribati														143038	51555										
Korea, Dem People's Rep	119193	102583												120316								92815	94652		
Korea, Republic of	569579	108629						322036			1366022			313356				227977				154927	122373		
Kuwait	288513	120894		207710		113368		467221	85227					539627			70000		90000						

Crop codes (FAOSTAT)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Kyrgyzstan	164894	50000		66500				161158						144472								34864		55467	22593
Laos														50578	75046		75397	83281	58589	79503					
Latvia	65845	27088			31815			105953						130750								50179			
Lebanon	275831	237465		133273	140548	94319		240571	42386				70681	198761	242522		204551	212821	253996	203733		135749	125007		67040
Lesotho														68238											
Liberia										30000				50000	107464	21869	35897								
Libyan Arab Jamahiriya	188561	62115			48875	144510		38194						114835			100275	102761	104046			119739	80350		50164
Liechtenstein																									
Lithuania	83544	33600			239048			138680						146040								41766	51700		
Macedonia, The Fmr Yug Rp	83929	34241		9382	24570			81399						191257								94465	66144	94820	72580
Madagascar	85379	54933		31940	9899			37429						81944	58089		64461		44000	83818		15980	18000		93846
Malawi	71955													82381	51382	42681					72727				
Malaysia														134052	194455		60444		50000	59605	56923				
Maldives	23267													149945	309201										
Mali	235318													54159											
Malta	130194	55130				30037								124667							111111	61100			
Marshall Islands																									
Martinique				100000				50000						180004	273034	203077	45958		43667	42400	91159				
Mauritania														64419											
Mauritius	273530	67841	51621	46654	22714			160980						168545	194443						42522				
Mexico	122723	77002	138481	65940	46520	46140	85107	235758	55763	99707			7971	78567	252105		118214	127989	121900	206854	57733	73563	66468	66734	49465
Micronesia, Fed States of														110714	51948	6000									
Moldova, Republic of	67763			42200	21284			70386						16646								35306	47136	47735	32130
Mongolia														78611											
Montserrat	30000							61111						65000	45455										
Morocco	185098	50872		116249	36527	103513	50000	217936				21498	134658	324186		170819	178866	134000	180000	92003	110383	99405	89808	79879	
Mozambique	46287													58833	64381		38969	45000	44200	74309					
Myanmar	89119	39894												134593		85169									
Namibia														45733											
Nauru														75000											
Nepal		40265												97560			75967					65394			
Netherlands	575070	465333	256390	99654	138241	72872		454480			25380000			115826								343052	235130		
New Caledonia														18778	19878	19799									
New Zealand		61849	200000	81067	44283	75385		351125		141536	2900163			248111			133357	85384	95000	346667	106691	373260	372082	133260	92844
Nicaragua	22733													76208	379427	99000	47418								
Niger	296814	35191						80053						72323											
Nigeria	147150							85441	25687	35938				61507		68381					44358				
Niue														66667	20000				55000						
Norway			141904	70253	56956			334450						242518								61106	47569		
Oman	182312													144118	119680				62347						
Pakistan	140714	87952		84792	68945			180547	87905					142500	42087		98068	96924	102783			96165	128112		120583
Palestine, Occupied Tr.	183809	118573		123510	36192	77287		226000	34674	127160				166816	385180		253421	287067	316861	336900	140236	38576	49744	47077	27962
Panama	207886							99546						108000	398534	95692	90947								
Papua New Guinea				17392						100000				160424	140689										
Paraguay	67200	21036						108553						62533	190638		187161	68099	60883	411995		71268	66015		
Peru	233162	65415	130697	24615	29694	45564	51638	175098		76892				133144		118134	114176	166179	107963	106316	158102	129143	86028	88942	41794
Philippines	79503	25570		38827	29367									84734	124391		59871	41681	42980	74317					
Poland	200664			200000	13714	13000		279493						183900								113058	39962		
Portugal	243442	56000		96078	69713	100000		328035				21978	187097	266667		109849	95540	96012	95158		107632	110523	90000	66509	
Puerto Rico															122078	96406	255234		53420	11325					
Qatar	260565							120221	39178	119540				107916							45027				
Réunion	119765	17143		18587	20000			135667						70588	48423		175344	241217	50000			60000			
Romania	99490	52383		117655	38253									137373								61099	108236	66667	62987
Russian Federation	114351	68435			39599			178484						161539								35044	31501	27875	28764
Rwanda														73365		62028									

Crop codes (FAOSTAT)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Saint Helena																									
Saint Kitts and Nevis														66667											
Saint Lucia														71005	100000	39605	80879		55554	86331					
Saint Pierre & Miquelon														75000											
Saint Vincent/Grenadines								100000						94550	103638	115348	48000		76000	85073		39875	40968		
Samoa										5026				9806	52929						49848				
Sao Tome and Principe														50167	61715										
Saudi Arabia	224764							181603	65866					197791							78045				
Senegal	191169			87201										180000	180713		85714								
Serbia and Montenegro	59405	34747		42134	22529			76387									67822					68051	49807	63184	43301
Seychelles														77470	48550										
Sierra Leone														63226		52725					57232				
Singapore														166667											
Slovakia	107484	45888		38462	28547			152741						150769								243710	1237691		111380
Slovenia	173857	82462	80384	38307	24556			212403														281558	230128	33733	143704
Solomon Islands														166591	29695										
Somalia														64090	168302		60912		49000	87705					
South Africa	198404			50536	60115			251360		100237		40371		145000	152004		236001	248373	252553	263313		249878	211108	62493	110646
Spain	429417	75767	245523	132903	65846	90347		550514			2786658	277849	14641	191752	448044		196532	175635	211116	287016	182323	185515	174518	67330	59308
Sri Lanka	86131		100000	46585				110317						99333		118477	13308		29185						
Sudan	70885	170516												70923	331987		73214	40217	119306	148825					
Suriname				166381										157895	212742	142912	78391			62236	77595				
Swaziland														81111	41667		52748			101815					
Sweden	363704				45842			506367						204000								117399	77516		
Switzerland				89094	63079			400624						331810								507752	1048007	200607	78613
Syrian Arab Republic	185118	89275		87395	57058	77200			29464					105102	349471		281136	184996	199811		280537	106622	82890	116050	51944
Tajikistan	88407	60000		113333				115390						184676			82051		16621			14803			20931
Tanzania, United Rep of	29790	56371							40408					68301	24622	24622					52059				
Thailand	145274	55545		40000	21826	74300			75061					71221	129349		180132	180335	31794	18361	38684				
Timor-Leste		6912		14011										10841	231047		77006								
Togo														51200	107333		44815								
Tokelau														30000											
Tonga														12500	15622	117611	46066		27778						
Trinidad and Tobago														90073	51353	35000	49054		30705	85553	82451				
Tunisia	157862	31753		67500	52667	27127		74600				21739	121039				122667	81837	136387	192148	96030	36964	40978	128927	28047
Turkey	214702	74890	236308	83967	59596	77368	72030	199515	42187			45045	158701	310328			266960	183941	247241	375822	113559	230275	102447	93024	74148
Turkmenistan	73574	26385						162317						98000								16318			43924
Tuvalu														76356											
Uganda	39438													73120	45536	59297									
Ukraine	82706	45193		70000	20900			122853				48000	10000	119389								28198	64922		55578
United Arab Emirates				134155				142205						300040	83927				215818		155038				
United Kingdom	406922		198835	108805	102844	51933		624861						135044								164864	121809		
United States of America	466646	185465		60080	100828		77453	387037	59079	144516				532294	190925		333462	268754	309793	363078	355961	261580	336193		112226
Uruguay	80553	40000		29555				110973		19727				82308			128407	164374	63309	165529		176189	125497	79368	
Uzbekistan	268509	79725	100000	66667	25000	50000		269167						52188				59762	56255	100000	100000	44722	29111	66000	38539
Vanuatu														151708	118528										
Venezuela, Boliv Rep of	232117	68444					51836	284588						181478	183749	97993	152079	139588	149068	100890					
Viet Nam	30009													129399	130358		59315			103129					
Wallis and Futuna Is										40000				23810	54667										
Western Sahara																									
Yemen	142166	128282	71429	56467				86389	56849					91177	86728		106153	94138	78369		39026	58412	28000	44328	18493
Zambia	151479													62870	29156		38000								
Zimbabwe	147574													67722	48134		57809	65142	67499	82153	54658	92063	20280		22365
Global average yield	171754	99483	180692	65169	82735	53538	79658	220137	64701	84933	2756448	352331	18018	141358	155470	62639	172396	109179	145598	205994	56246	102345	97767	74634	65763

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619
Country	Sour Cherries	Cherries	Peaches and Nectarines	Plums	Stone Fruit nes, Fresh	Strawberries	Raspberries	Gooseberries	Currants	Blueberries	Cranberries	Berries nes	Grapes	Watermelons	Cantaloupes&oth Melons	Figs	Mangoes	Avocados	Pineapples	Dates	Persimmons	Cashewapple	Kiwi Fruit	Papayas	Fruit Tropical Fresh nes	Fruit Fresh nes
Afghanistan			72917	76667	69000							86364	63462	115385	104762	27654										71296
Albania	27267	44285	102427	57618									145020			15232										
Algeria		14957	52946	40711	23103								35684	144352		13161				38775						58370
American Samoa																										50000
Angola																			122352							45809
Antigua and Barbuda															106538		55997		99375						68399	
Argentina		50000	100036	64300		95725							116735	138070	189556	33486	87333	65763	195416					141143		
Armenia		25417	63533	59052	66353								73877	177625												
Australia		42282	69612	71488		194970	24925		62196			26667	128584	181796	218505	25267	47243	40194	466626		86667		96336	167633	100000	
Austria	62730	85661	71703	120819		113743		56321	64201			58800	66569													
Azerbaijan, Republic of		47262	77980	58450			26667		45000		34167	47333	46913	84756												42523
Bahamas																									79556	
Bahrain													26000	60121	9100					201011						77108
Bangladesh												41997			81832		37052		106679					69564	100206	35515
Barbados															133333			49212							68421	108538
Belarus	32404	29487		34921		10800					8974															
Belgium-Luxembourg		26055		13171		214842	12000		27727			45060	86110													
Belize														173112	84691		23067		107549					244368		47880
Benin																	52174		423466	27778						43370
Bermuda																										
Bhutan																										50000
Bolivia		21208	56631	53623		39833							60481	98546		61633	92529	80845	109980					105079		37000
Bosnia and Herzegovina	18698	17897	37680	25341		42076	37052						36942	146877												23000
Botswana																										44694
Brazil			74379			75803							156031	79129	111783	69916	83844	66827	224506		103265	25606		363674	83350	
British Virgin Islands																										53333
Brunei Darussalam																			90694							55486
Bulgaria	34404	40301	53962	53695		45492	23155		14000			16000	40960	101427												7507
Burkina Faso																	50000								61575	54545
Burundi																										49308
Cambodia																	101819		105412							61619
Cameroon			55922	40000	45364									264288	77416	25000	50000	40000	188992	33014						55922
Canada	72011	56934	119186	55845		56349	48011			23880	167060		87930	161379	1095694								248056			
Cape Verde														150000			450000									48913
Cayman Islands																										
Central African Republic																	47500	63034	54455							
Chad																	49231			23684						45028
Chile		50515	139141	134352		266769							120276	168577	155196			44418					165300	175014		60000
China		42500	31368	31233	79877	96189						103300	123963	309477	247106	32000	112175	90992	240653	165457	57318			310526	55967	39862
Cocos (Keeling) Islands																										
Colombia						274907							117452	105974	107508		115143	106133	400668					260371	165350	123702
Comoros																										46118
Congo, Dem Republic of																	168918	73518	253620					168054		67127
Congo, Republic of																	95464	79263	35180							49111
Cook Islands														512000			266000	60000	132000					280960		26667
Costa Rica						112000						200000		250894	273811		24265	52444	705381					402705		81697

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619
Côte d'Ivoire																	32727	42000	458574						70140	66641
Croatia	35833	28269	68934	24382		43403	33426						68790	174726		31200										
Cuba																										
Cyprus		45058	66773	59375		196398							58374	506821	425230	115966	46898	100000	74290					190878	83867	115294
Czech Republic	30757	27791	37300	22799		47746	22569	45616	43551		41636	46556														58974
Denmark		10444		58133		34373	55000		31618																	
Djibouti																										
Dominica																	10240	40345								66667
Dominican Republic															91450		76069	117875	202006					103157		44000
Ecuador			55552	31606		77758						41185	50623	133626	100549	10000	85915	79707	127058					76438	94877	47994
Egypt			92315	116196	78012	239893						58581	175633	260242	232571	79551	83811			320145					78321	117793
El Salvador														234358	100000		68102	100000	189377					108857		69291
Equatorial Guinea																										
Eritrea																										118587
Estonia		9620		14465		21864	9078	13742	10195			24265	39333													
Ethiopia													39681				60000	32000						80000		150390
Faeroe Islands																										
Fiji Islands														99678	200000		125013		110659					453065	50000	91095
Finland						22295	10194	12119	9623																	
France		47066	187518	105291		142557	55804		38203				86147	323811	179579	71979		64898					189829			
French Guiana																	42883	35702	180898					62333	186347	35588
French Polynesia														121000	112054			101429	177081						112556	48387
Gabon																			64182							14628
Gambia																	46487									48000
Georgia	57277	42725	63673	63568		27452							35746	96628												73428
Germany	77991	41667	24914	60531		105637	53908	65748	74239				135284													
Ghana																	80000	48462	59000					84861		34167
Greece	34086	46465	146796	110858	40000	210200						33333	102292	371824	217811	52933		47923					133297			44444
Grenada				37516													100000	73376								50000
Guadeloupe														189091	157126		7320	140000	231802						36867	
Guam																										70000
Guatemala						184674							73094	263640	266943		259622	81718	274641					338923		60176
Guinea																	18893		40129						62916	
Guinea-Bissau																	63962		26667					80000		68000
Guyana																	81192	48151	96980						107910	
Haiti															126667		72500	60822	102435							43448
Honduras													60000	252662	165105		69863	31700	176641					163934		58658
Hungary	42387	35720	60401	70777		145681	33038	21974	37933				75701	160484	113220											30763
Iceland																										
India		39059	63243	51857	64500							47054	256345	129947	204589	37077	76308		145032					99114	105472	92737
Indonesia																	52204	38750	83154					125042	78567	64670
Iran, Islamic Rep of	57251	91713	133632	94958	52286	77420						69521	88715	200178	139577	18724	86549			46762	100000		130000	46687		169915
Iraq			62363	62954									58869	108784	96868	33524				39471						57778
Ireland						121072	48000		124000			40000														66667
Israel		77769	128043	94834		423936							171927	222937	234946	80489	148712	124651		79811	98199		107048	100000		163998
Italy	56993	46394	164985	131848	90497	255450	78988		105027	83665			102073	339447	215339	44738					188835		178061			43911
Jamaica														198630			74627	75472	219511					224637	95000	
Japan		49398	158991	68562	44115	263690							115551	338152	227250				238589		109343		130077			
Jordan		31928	52544	58998		130444							56503	337886	207864	41942				51254					95296	63975
Kazakhstan		20304	24180	21006		27930							33583	95920												65200
Kenya												32675					98885		457689	31375					92726	89733
Kiribati																									170941	
Korea, Dem People's Rep			73251											198099	112096											70916
Korea, Republic of			124021	111422		245341							146833	279785	300471				406028		87949		121375			53311
Kuwait						278002							5000	226972	184310					75329						103986

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619
Kyrgyzstan			19177	9481						58000			30364	135099												13192
Laos					80894									26938	136826		82133		106215							61923
Latvia				24479					58717		37000	42500														
Lebanon		70350	161720	161420		327307							80981	335870	433444	62835		122126								104554
Lesotho																										45333
Liberia																			60870						54545	
Libyan Arab Jamahiriya			77923	52281									49900	161658	165076	25208				50174						61272
Liechtenstein																										
Lithuania				36351		12721				37959																11246
Macedonia, The Fmr Yug Rp	34836	43806	58418	72487		73226							88899	148827		131882										
Madagascar			25067	43333									52300				113874	82266	58715			26231			35704	67129
Malawi																	54098								39500	60600
Malaysia														188040			44903		151667					100000	71187	75765
Maldives																										119490
Mali																	162199									50000
Malta					28000							38462	59433		53844	28946										68533
Marshall Islands																										
Martinique															136529		43956	40216	429858							
Mauritania														30458						32981						46685
Mauritius																			272169							66940
Mexico		76601	35798	49535		197998	74552			28450		75602	114803	214355	167686	33668	98313	95985	431987	39216	89725			340446	98542	70317
Micronesia, Fed States of																										79730
Moldova, Republic of	28191	25420	14823	19058		47816	29572	18477	9195			74500	30975	51466	12550											34033
Mongolia																										18405
Montserrat																	66667									68000
Morocco		45004	104248	70718	66667	376184	31250			50000		52879	54966	220741	192017	15368	66667	99041		17204						67611
Mozambique																	68946		74309					97835	72351	49454
Myanmar																										39837
Namibia																										67441
Nauru																									68750	
Nepal																										99509
Netherlands		8000		105200		192488	80000		40810	41178		44000	26692		266666											
New Caledonia																										25723
New Zealand		26397	109348	66800	234510	267708	41615	50000	38764	50000		118090	81488	108000	144476			49584			31691		223598		50000	200000
Nicaragua																			147638							47069
Niger																				34332						54931
Nigeria																	59277		75961					83019		64220
Niue																									10000	6061
Norway		25506		27789		48684	50106	44981	30521																	
Oman														340818				67319		74024				169782		70270
Pakistan		20034	81267	97694								51699	58214	218842	133333	48751	101284			80163				85600	79962	60131
Palestine, Occupied Tr.		23464	47831	46042		320400							80794	286172	168228	53255	197470	224582		109921						179997
Panama														130133	57468		70312	40391	401206					385105		70777
Papua New Guinea																			202203						100000	81191
Paraguay			65802	56942		97145							126738	52501	37865		74806	59326	124957					108008	79667	74770
Peru		52982	71080	68243		93609							95189	195326	144052	62501	131133	94426	147691	26189				123769	88076	130829
Philippines													7440	148625	154140		76755	75313	387855					119184	88300	72768
Poland	38903	32298		35569	51394	31174	33490	57528	49700	54311		58667														26750
Portugal	15000	19928	71570	70795	26667	16883							36081	66667	66667	1769		13000	125000				80623			30588
Puerto Rico																										70445
Qatar													30550	95196	107655	27972					108612					15681
Réunion			76923		42857	250000							50000	100000	23333	133333		105962	60000	80843				120000	68493	83153
Romania		68641	39260	48830		88625	140625		164599	62000		71827	45224		154925											85357
Russian Federation	27475	28586	28181	24756		123765	74054	64437	70217				38989	33924												24429
Rwanda																										61201

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619
Saint Helena																										
Saint Kitts and Nevis																									65000	
Saint Lucia																	75440	66864							69500	62200
Saint Pierre & Miquelon																										
Saint Vincent/Grenadines																	57013									
Samoa																	381538	272381	309336					156191	28970	
Sao Tome and Principe																										61256
Saudi Arabia													133497	182008	160397					56534						119533
Senegal														150812			69066								61474	55172
Serbia and Montenegro	29754	35844	54260	32562		35969	46615						58579	138353		24178										
Seychelles																									51656	
Sierra Leone																										45133
Singapore																										33333
Slovakia	20644	372716	57648	378281		33408	30000	584156	62213				36231	166459												72293
Slovenia	54382	231109	89289			159003	45000						74935													
Solomon Islands														215714	145778											127453
Somalia														120539			72369			41491						96880
South Africa		43785	96450	83397		72002						73434	127133	126720	116233	26653	117086	68765	242030					91474		99112
Spain		31118	141152	78896		328020	40000					81186	49491	372232	244490	30363			75103	133489			131271		116225	91032
Sri Lanka																	34444		100039							60000
Sudan														286661	249621		205399			38149	97583					58330
Suriname														155630						137192						
Swaziland																				412970						54024
Sweden		30745		44800		40256	10017		10637	5000		10000														
Switzerland		41982	143907	20574		187559	83382	80800	80567			65580	103124										178163			79251
Syrian Arab Republic		52082	74338	135552	87684								64198	166169	90462	40659				29610						113875
Tajikistan			13763	11374									27669	79518												13056
Tanzania, United Rep of													52373				102054		85384						26781	63671
Thailand													162150	145972			56564		231411					121112	39966	146013
Timor-Leste																	102283	63096	64000					120605	52637	
Togo																			77253							57143
Tokelau																										
Tonga														94265											75000	8462
Trinidad and Tobago														120048			66121	55254	119984							69552
Tunisia			38411	36079	51724	196923				62500	50000	44166	136558	128239	15493			36800		32445			25000		76434	60996
Turkey	85228	96598	171217	107800	43088	129437						78500	65436	277581	163243	41730		39039		25607					71026	86536
Turkmenistan			19600	42227									56054	115229												
Tuvalu																									73636	
Uganda																			84903							68024
Ukraine		31424	15049	36368		39663	32523	61871	36029	24222	4000	9797	33254	47911	42102											37758
United Arab Emirates													36971	212572	247793	55709	170983			48238						114186
United Kingdom		18757		81286		100791	49559	65803	56725			59450	19615													
United States of America	87449	79727	176880	132067		420197	75779			65214	175767	73311	168452	258927	233323	73457	46174	67486	367518	101783			135767	271691		227579
Uruguay			74803	58385									145363	133800	64994											71650
Uzbekistan	36333	40346	44136	54946		33333			33333	40000		100000	47492	113765		100000										34695
Vanuatu																									175161	129714
Venezuela, Boliv Rep of			35257			124228							143839	176268	141113		150474	63883	201455					171855	86000	105128
Viet Nam												91163		109970			43608		77621							112132
Wallis and Futuna Is															44118		60000								80734	71429
Western Sahara																										
Yemen			28191										70230	130193	105251	85291	39603			13137				164093	55878	64618
Zambia																									66000	59345
Zimbabwe			40211	34830	51538	42168	17600					38500	70857				49421		74561					60091	54150	
Global average yield	43784	49732	63369	42255	54227	137262	49810	57258	56378	42669	142744	71921	82468	238305	189916	26571	76945	73027	188072	56127	66743	25631	172761	155094	79077	70975

Crop codes (FAOSTAT)	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698
Country	Maize for Forage+Silage	Sorghum for Forage+Silage	Rye Grass, Forage +Silage	Grasses Forage+Silage	Clover for Forage+Silage	Alfalfa for Forage+Silage	Green Oilseeds for Fodder	Leguminous nes, For+Sil	Cabbage for Fodder	Turnips for Fodder	Beets for Fodder	Carrots for Fodder	Swedes for Fodder	Vegetables+Roots, Fodder	Coffee, Green	Cocoa Beans	Tea	Mate	Tea nes	Hops	Pepper, White /Long/Black	Pimento, Allspice	Vanilla	Cinnamon (Canela)	Cloves, Whole+Stems
Afghanistan																									
Albania	250307					230769																			
Algeria	147997				69864	105058					204889											20164			
American Samoa																667									
Angola															379	861									
Antigua and Barbuda																									
Argentina	275427	194005		203587	230933	251966											14583	19147		11914		10543			
Armenia	153730													90403											
Australia				140658		197538														22632					
Austria	467720			155556	319807	233568	143333				488673									14028					
Azerbaijan, Republic of	71659													140140			2885								
Bahamas																									
Bahrain						734824																			
Bangladesh																	10628					8062			
Barbados																									
Belarus	192413													282268											
Belgium-Luxembourg	269523				199121	295047					525682									14138					
Belize															27546	2547									
Benin															2000										
Bermuda																									
Bhutan																									
Bolivia				26711		65908									9707	7146	83916					12500			
Bosnia and Herzegovina	197103				228583	319088					167135											63985			
Botswana																									
Brazil															7572	3285	19525	75777			21611				
British Virgin Islands																									
Brunei Darussalam																					4033				
Bulgaria	90211			48615		123330					160795									9618		33000			
Burkina Faso																									
Burundi															7790		8376								
Cambodia															8143						66678	9730			
Cameroon															2817	3349	27302				2692	13451			
Canada	302750																								
Cape Verde																									
Cayman Islands																						132381			
Central African Republic															5080	500						9113			
Chad																									
Chile	343047			176940	283333	350000			356484																
China															11065		7660			19055	13877	61592	4917	9681	6833
Cocos (Keeling) Islands																									
Colombia															7554	4925									
Comoros															1502	3368							2086		2955
Congo, Dem Republic of															3704	2894	6733					39237			
Congo, Republic of															3164	3102									
Cook Islands															5333								6000		
Costa Rica															13607	2863					35234				

Crop codes (FAOSTAT)	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698
Côte d'Ivoire															3627	5654					5000	12727			
Croatia	212674				176031	191740					137257														
Cuba															2231	3061									
Cyprus	63644			196639		190994		218419																	
Czech Republic	325207				369390	328030				215800	448813									9639		5968			
Denmark	353882		148851	210825	416655	638707					664590														
Djibouti																						7769			
Dominica															8862	913							7143		
Dominican Republic															3139	3427									
Ecuador															3485	2027	19151								
Egypt					443889																	31573			
El Salvador															7734	10000									
Equatorial Guinea															3651	816									
Eritrea																									
Estonia	128129													207032											
Ethiopia															9058		8744				6107	3959			
Faeroe Islands																									
Fiji Islands															5000	344						885			
Finland													516968												
France	386795	337050	381783	365163	342061	389269	329950	370571	479081	365727	685639			286715						17403					
French Guiana																									
French Polynesia															2040								707		
Gabon															2433	738									
Gambia																									
Georgia	39474			19818										64518			14451			1960					
Germany	441799				403254	379744	147519				1806638									15693					
Ghana															2808	2954					6124	12941			
Greece	332296	148571		168790				500000														37500			
Grenada																10214						58333			
Guadeloupe															2300								2000		
Guam																									
Guatemala															10111	5191	10000				6184				
Guinea															4111	4192									
Guinea-Bissau																									
Guyana															3541	1375									
Haiti															5121	4889									
Honduras											108182				8681	4163					5000				
Hungary	238576			13281	30220	226483		50859		372000				143504								83599			
Iceland																									
India															9048	8000	19094				3108	10408			
Indonesia															6204	11005	14059				7676		2125	5186	1740
Iran, Islamic Rep of						263703											17512					17517			
Iraq					229552	517488		616364																	
Ireland									564021	513542	675649			600000						11429					
Israel																									
Italy	518420	404939		223308	52736	328958		187977		61538	110000														
Jamaica															5016	4153						49524			
Japan	495323	621385		438287				344250		453217				503030			17005			19912					
Jordan					299337	18000																			
Kazakhstan	103182													140734											
Kenya															3972		20861				6267	9807	2133		3097
Kiribati																									
Korea, Dem People's Rep																				3591					
Korea, Republic of																	10292			20000					
Kuwait																									

Crop codes (FAOSTAT)	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698
Kyrgyzstan	178602													5625							6667	20000			
Laos															6639		6987					20182			
Latvia	230024													250567											
Lebanon						593007																			
Lesotho																									
Liberia															2000	1232									
Libyan Arab Jamahiriya																									
Liechtenstein																									
Lithuania	260496			165366										353802											
Macedonia, The Fmr Yug Rp	218525				218901	232750		123781			119155														
Madagascar																									
Malawi															3137	9315	19372				3951	10121	615	19250	1858
Malaysia															12501		23276				7968	5422	2478		
Maldives															8018	8954	19502				18469	10588			2500
Mali																						7500			
Malta								80308									6223					5571			
Marshall Islands																									
Martinique															25000							80147			
Mauritania																									
Mauritius																	21889								
Mexico	341257	274498	286435	79373	358393	695088				117829	197367		199667		4495	4838					14933	16201	2015		
Micronesia, Fed States of																	4286								
Moldova, Republic of	91113													189604											
Mongolia	95533			30518										26467											
Montserrat																									
Morocco																						100000			
Mozambique															6686		12034								
Myanmar				136826											4462		2910					5156			
Namibia																									
Nauru																									
Nepal				111604											1900		18400					8064			
Netherlands	469854					392848					749309														
New Caledonia															1300										
New Zealand	610760	585239				329359			333384	229540	457356		400000							21057					
Nicaragua															7576	1719									
Niger																						7273			
Nigeria															5333	3865						15574			
Niue																									
Norway			270226						329193	519968															
Oman						292526																			
Pakistan																									
Palestine, Occupied Tr.				43848	27678									2551								15944			
Panama															4597	1777	7863								
Papua New Guinea															9055	3993	15988								
Paraguay						241844									7594			21141							
Peru						418502									6618	5959	30867		43783			16444			
Philippines															8709	5441									
Poland	406960							238040						401732						12229					
Portugal	381906	218182												300000			6440			15567					
Puerto Rico															4110										
Qatar				830573																					
Réunion																	12759					142080	953		
Romania	145279			120950	184775	222006		86808						285388					6784			9333			
Russian Federation	123985													193196			16355			3884					
Rwanda															6535		12964								

Crop codes (FAOSTAT)	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698
Saint Helena																									
Saint Kitts and Nevis																									
Saint Lucia																7586					7599				
Saint Pierre & Miquelon																									
Saint Vincent/Grenadines															3896	2571									
Samoa															2400	2193					4625				
Sao Tome and Principe															1215	1701								3000	
Saudi Arabia						138956																			
Senegal																						10870			
Serbia and Montenegro	168957				160450	194614		154662			121798									12578		15479			
Seychelles																	5453							1146	
Sierra Leone															14611	3670						25000			
Singapore																									
Slovakia	233427				235310	293284					299659									9474					
Slovenia	406079				326530	333311				189595	276432	158337								14990		39429			
Solomon Islands																4866									
Somalia																									
South Africa						280436											17472			7973		13836			
Spain	473040	258011	289310	104419	251187	538107		124570	238844	241353	400791	358657		114814						16440		27033			
Sri Lanka															6576	6611	15135				6157			4978	3156
Sudan																			10000			9623			
Suriname															546	735									
Swaziland																									
Sweden																									
Switzerland	326153										792659									21347					
Syrian Arab Republic	198303			88933	214540	246361		136731																	
Tajikistan	151623			18062							183436			173065											
Tanzania, United Rep of															3978	6052	12852					11274			6472
Thailand															11591	5000	2956				27000	16184			
Timor-Leste																						10417			
Togo															2896	3561						3648			
Tokelau																									
Tonga															17500								4096		
Trinidad and Tobago															1515	926									
Tunisia																						25000			
Turkey	245707					399501		159649			460239						20804					25028			
Turkmenistan	175869													12960											
Tuvalu																									
Uganda															7443	2527	15556				7117	9019	4857		
Ukraine	117963										147135			262358						2667					
United Arab Emirates				646502		824071																			
United Kingdom	369873								222469	192958	749432									13681					
United States of America	364717	256769		194234		308239	146176								14186					20104					
Uruguay																									
Uzbekistan	217706													270238							6667	17922			
Vanuatu															8266	5476									
Venezuela, Boliv Rep of															3511	2894									
Viet Nam														187776	19853		9231				13930	15346		3492	
Wallis and Futuna Is																									
Western Sahara																									
Yemen		133137		117497		354786									3426										
Zambia															10610		12352				7191	10472			
Zimbabwe															14271		34475				8016	18866	2222		
Global average yield	256866	220881	325445	199564	369386	305971	148895	177480	364262	238260	545933	225168	458287	237719	6656	4502	12801	33691	10004	14703	6746	11557	1234	6055	1914

Crop codes (FAOSTAT)	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Country	Nutmeg, Mace, Cardamoms	Anise, Badian, Fennel	Ginger	Spices nes	Peppermint	Pyrethrum, Dried Flowers	Flax Fibre and Tow	Hemp Fibre and Tow	Jute	Jute-Like Fibres	Ramie	Sisal	Agave Fibres nes	Abaca (Manila Hemp)	Fibre Crops nes	Tobacco Leaves	Natural Rubber	Natural Gums
Afghanistan		6000																
Albania																10293		
Algeria																11118		
American Samoa																		
Angola										9550		11667				9684		
Antigua and Barbuda																		
Argentina		7903		9753			7079								10000	17234		
Armenia																19316		
Australia																27149		
Austria																20919		
Azerbaijan, Republic of																19427		
Bahamas																		
Bahrain																		
Bangladesh			53879	20345					17968	10964					2416	10972	1000	
Barbados																		
Belarus							3939									18050		
Belgium-Luxembourg							7303									19648		
Belize																		
Benin																6455		
Bermuda																		
Bhutan	7532		88571	62500					38889							14545		
Bolivia																9092		
Bosnia and Herzegovina																13457		
Botswana																		
Brazil									12972	14364	20780	9136				17552	9272	
British Virgin Islands																		
Brunei Darussalam																	615	
Bulgaria		8969														11732		
Burkina Faso				18667												4980		
Burundi																9107		
Cambodia									10760							7090	10867	
Cameroon			53334						5263							12294	12660	
Canada		656													12023	25558		
Cape Verde																		
Cayman Islands																		
Central African Republic										1884		3941				7629	8333	
Chad																14394		
Chile							10000	9524		10000						29746		
China		9463	112644	30728			25442	13824	20703	33404	16494	32021			121000	17759	11410	
Cocos (Keeling) Islands																		
Colombia													12738			18254		
Comoros				12146														
Congo, Dem Republic of										7268						4827	2408	
Congo, Republic of																3571	8050	
Cook Islands																		
Costa Rica			112006											10000		16017		

Crop codes (FAOSTAT)	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Côte d'Ivoire				7000												5545	17998	
Croatia							2200									16715		
Cuba										10000		12766	11500			7195		
Cyprus																46165		
Czech Republic							23863											
Denmark		4827																
Djibouti																		
Dominica	20000		22222	5100														
Dominican Republic			35072	6150								4008				14472		
Ecuador		4000		15003		5000							11000	14651		21975	10439	
Egypt		8443					9484		23193									
El Salvador										9015			8840			18234		
Equatorial Guinea														2778				
Eritrea				5711														
Estonia							6242											
Ethiopia	3047	7567	30694	4559						5200		7164			776	7000		
Faeroe Islands																		
Fiji Islands			452927													10579		
Finland																		
France							11629	16844								27666		
French Guiana																		
French Polynesia																		
Gabon																	9836	
Gambia																		
Georgia																11870		
Germany																24359		
Ghana																4405	6296	
Greece		9792					2000									21364		
Grenada	4754			4800														
Guadeloupe																		
Guam																		
Guatemala	3596	7500		5000						10000			9024			22382	10973	
Guinea												1182				9000		
Guinea-Bissau																		
Guyana																9000		
Haiti												5445				13500		
Honduras	4600															5079		
Hungary		9091		16949				20585								18311		
Iceland																		
India	1279	3667	34199	13124					19982	10652						14349	15199	
Indonesia	4542		85883	11032						12012		15000		9677		7345	6883	
Iran, Islamic Rep of		8077														10612		
Iraq																9966		
Ireland																		
Israel																		
Italy							1500	31558								30639		
Jamaica			30555	45698								4615				15319		
Japan																26000		
Jordan																6570		
Kazakhstan																17520		
Kenya	3476	5158	29371	7018		7929						8885				12335		
Kiribati																		
Korea, Dem People's Rep								6815								14352		
Korea, Republic of			19211					18903								23835		
Kuwait				422000														

Crop codes (FAOSTAT)	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Kyrgyzstan				11400												25193		
Laos	3390										29310					49929		
Latvia							7216											
Lebanon		17523		7732												11912		
Lesotho																		
Liberia																	9797	
Libyan Arab Jamahiriya																22461		
Liechtenstein																		
Lithuania							8059											
Macedonia, The Fmr Yug Rp																11577		
Madagascar	3333	5000	37500	13666						7927		12271			8753	7014		
Malawi	3125	5000		6549								2000				9501		
Malaysia	4286		25679													9564	5604	
Maldives																		
Mali										6500						10981		
Malta																		
Marshall Islands																		
Martinique																		
Mauritania																		
Mauritius			30262	166667											8076	15693		
Mexico		91685		67906								9145	10012			17904	18016	
Micronesia, Fed States of																		
Moldova, Republic of																11448		
Mongolia																		
Montserrat																		
Morocco		10455		7692	229077							8800				11980		
Mozambique										6256		2514				11859		
Myanmar									9289	7500					5000	16531	5398	
Namibia																		
Nauru																		
Nepal	4031		92919	71555					12675							8583		
Netherlands		13134					66570											
New Caledonia																		
New Zealand															5182			
Nicaragua													8185			14052		
Niger				16133												6771		
Nigeria			5403	13333						9000						4182	3649	
Niue																		
Norway																		
Oman																48402		
Pakistan			3566	38581					10786	6767						18781		
Palestine, Occupied Tr.		5302		100367												6884		
Panama																18144		
Papua New Guinea				8427		5478											5115	
Paraguay																16613		
Peru				31946					17496							104771		
Philippines			58847								6000		10526	6556	17000	12039	8093	
Poland							13810	7078								19954		
Portugal																26737		
Puerto Rico																10000		
Qatar																		
Réunion			85667												60465	10000		
Romania		7390					21583	39704								12616		
Russian Federation		8736					3857	3775		21515						8773		
Rwanda				7778		4363										13285		

Crop codes (FAOSTAT)	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Saint Helena																		
Saint Kitts and Nevis																		
Saint Lucia	3333		24000	5909														
Saint Pierre & Miquelon																		
Saint Vincent/Grenadines	3043			34706												12143		
Samoa				10000												35000		
Sao Tome and Principe																		
Saudi Arabia																		
Senegal																		
Serbia and Montenegro								6190								14028		
Seychelles																		
Sierra Leone				40000												6000		
Singapore																		
Slovakia							6431									16002		
Slovenia																		
Solomon Islands				27818												8500		
Somalia																3791		
South Africa										10182		5503			11923	20267		
Spain		2501		10417	225795		7403	15600								29968		
Sri Lanka	3429		36888	38795												12666	5972	
Sudan																		
Suriname																		
Swaziland																7614		
Sweden																		
Switzerland																17994		
Syrian Arab Republic		5512														15852		
Tajikistan																17474		
Tanzania, United Rep of	2760					1723						4984				8559		
Thailand			24778	15120					15785	16966		6345			10000	15397	14616	
Timor-Leste																		
Togo	4167			10000												4600		
Tokelau																		
Tonga				31250														
Trinidad and Tobago	3565															16211		
Tunisia		7776		10481												8489		
Turkey		5665		9884												8862		
Turkmenistan																23640		
Tuvalu																		
Uganda			24200													20295		
Ukraine		9906					3626	5333								8110		
United Arab Emirates																116929		
United Kingdom							15602											
United States of America			532977													24038		
Uruguay																33071		
Uzbekistan									99000							26748		
Vanuatu				157143														
Venezuela, Boliv Rep of												11507				16792		
Viet Nam		7494							20740						68648	11159	6261	
Wallis and Futuna Is				10000														
Western Sahara																		
Yemen																21267		
Zambia				7321												10617		
Zimbabwe		5000		7250												23840		
Global average yield	2902	6038	28100	14231	260589	5172	10546	10279	19156	13576	16313	9225	11110	7582	9205	16210	8985	

Appendix VIII. Average crop production (ton/yr) per country (1997-2001)

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157
Country codes	Country	Wheat	Rice, Paddy	Barley	Maize	Rye	Oats	Millet	Sorghum	Buckwheat	Quinoa	Fonio	Triticale	Canary Seed	Mixed Grain	Cereals nes	Potatoes	Sweet Potatoes	Cassava	Yaulia (Cocoyam)	Taro (Coco Yam)	Yams	Roots and Tubers nes	Sugar Cane	Sugar Beets
2	Afghanistan	2681333	376667	235333	290000			22000									235000							38000	1000
3	Albania	335752		2937	198790	2906	14333										151665								45417
4	Algeria	1442218	300	427767	749		30729		322				78				1043742								
5	American Samoa																		20		1500	100			10
7	Angola	4600	17900		425118			101167									24332	227715	3698789					342000	
8	Antigua and Barbuda				46													141	41		26	51			
9	Argentina	14948104	1127449	635849	16109605	90095	547823	43040	3147271					23972		11800	2813291	281801	165000					17550000	
1	Armenia	214868		67207	8507	199	975									4440	373603								
10	Australia	22610200	1366662	6535600	351609	20800	1406800	43157	1689580				695600	4700			1286824	6000						38018738	
11	Austria	1386309		1097846	1762057	211618	151819						129079		42958		684946								2975177
52	Azerbaijan, Republic of	1052917	15826	176750	73663	442	373	1	8								400984								41057
12	Bahamas				359													564	233					53500	
13	Bahrain																17								
16	Bangladesh	1735583	33301300	5205	5932			56065	825								2394408	384299						7100435	
14	Barbados				2055													5100	823		177	1368		493914	
57	Belarus	815140		1648080	16620	1350900	543340			14360			261520			5240	7698400								1406340
15	Belgium-Luxembourg	1667686		402498	317382	7518	43404						66183		17709		2778809								6157764
23	Belize		12157		36812				6945								781	193	915	784		28	14	1129149	
53	Benin		40128		716518			31419	141131			1680					119	57896	2214818		3720	1616276		51974	
17	Bermuda																615	90							
18	Bhutan	20000	50000		74000			7000		4400						1250	34100					21800	12800		
19	Bolivia	133711	281172	62325	531005	195	4574		108846		23188					754	757526	13534	396520				99400	3620911	
80	Bosnia and Herzegovina	295475		57378	780731	9421	58139										374536								
20	Botswana	590			7418			1321	13042														11900		
21	Brazil	2428626	9812531	284996	33581201	7687	245918		674095	50000							2741664	475319	21215727			229000		336872531	
239	British Virgin Islands																								
26	Brunei Darussalam		438															176	1600				320		
27	Bulgaria	3380992	12820	749625	1330411	31231	71598		8140				21220			23405	501099								47248
233	Burkina Faso		97136		448592			851272	1142384			13719					1511	23205	2000			50119		404000	
29	Burundi	8273	55466		129552			11199	65137								29540	694711	642373		87350	10753		188095	
115	Cambodia		3818159		105754													29269	132468				18800	162786	
32	Cameroon	400	56190		763615			59340	419444								94793	165060	1927741			238475	943367	1350000	
33	Canada	24478040		12701180	8127320	320580	3435500			14740			72680	160200	485240		4311152								724840
35	Cape Verde				18022												2840	3700	3120					13300	
36	Cayman Islands																	7	18			32			
37	Central African Republic		20980		94720			11920	39940								978		573480		100000	364000		88041	
39	Chad	3484	115205		108520			324647	457219							146947	25222	62600	291625		38000	234000		309156	
40	Chile	1565685	106250	80609	775713	3404	278090										1019864	7300							3032808
357	China	108081120	194573131	3310400	117312947	967600	975000	2367460	3285247	1853000			323747			576	61788106	115270695	3750899		1491393		13600	79117719	11407426
43	Cocos (Keeling) Islands																								
44	Colombia	39853	2102557	11986	1014664				229542								2759250		1761754			202137	69897	33690000	
45	Comoros		17000		3762												1010	5700	52548		8659	3668			
250	Congo, Dem Republic of	9793	339716	450	1186967			33427	55513								89160	274224	16271486		63174	269000	56400	1705274	
46	Congo, Republic of		1177		7549												3822	8951	800717			9200	37000	437528	
47	Cook Islands																	1360	2900				2000		
48	Costa Rica		257765		23353												73864		79079			17987	23434	3716000	
107	Côte d'Ivoire		1227000		645492			69840	26092			10600						41560	1690200		369121	2948000		1163258	

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157
98	Croatia	881883		137964	2007765	6577	51699	181	535	115					991		647475								945113
49	Cuba		553720		237780				1000								318716	275718	377711	68031		22921		34840000	
50	Cyprus	11500		71360			352										123818				2860				
167	Czech Republic	4014694		2062001	291773	204460	175532	3560					114791		7927	7000	1386946								3246034
54	Denmark	4744229		3814581		366557	193069						175281		7800		1538273								3377889
72	Djibouti				13																				52
55	Dominica				170												100	1820	930	4500	11120	7686		4420	
56	Dominican Republic		570543		31761				13744								32002	39043	120068	42921		13258		4986173	
58	Ecuador	17053	1181367	31156	503726	68	983		5360		630						475946	1123	92372				5236	5723726	2466
59	Egypt	6221512	5399654	116250	6320598	26000			886315								1853741	246638			60922		3770	14921845	2280400
60	El Salvador		51944		576930				161443								13387	540	16530	52800				5211024	
61	Equatorial Guinea																	35400	44600				23080		
178	Eritrea	20758		35066	12879			23466	134660							13194	41400						86400		
63	Estonia	119479		277679		53807	98646			280			1800		24988		394533								109
238	Ethiopia	1243298	3082	943755	2828828		56386	314872	1437468							1698748	383000	235800				269600	3454894	1926984	
64	Faeroe Islands																1500								
66	Fiji Islands		13512		1201				30								80	6811	30655		28621	5201	3260	3193000	
67	Finland	428480		1731640		58440	1181700								44660		730640								1116060
68	France	35919946	111425	9920210	15964260	167894	582820		381998	33234			1171021		219777		6379989								31281800
69	French Guiana		23984		29														10375		4095			5361	
70	French Polynesia																902		5400				5500	3040	
74	Gabon		880		27259													2740	226000		58400	149000		199373	
75	Gambia		26040		18573			82244	19837										6600						
73	Georgia	211657		49003	408297	316	5257			13							374076								70
79	Germany	20817808		12962555	3211068	4594139	1291168						2805452		218350		12284279								26546810
81	Ghana		224749		999125		20	155804	316306									85460	7817818		1625301	3053896	80	141240	
84	Greece	2040511	176448	314213	1972782	35513	85064		2000						1200		889244								2647552
86	Grenada				300													275	174			384	3140	6650	
87	Guadeloupe																	4024	1356			9681	3583	711191	
88	Guam				20													50					1500		
89	Guatemala	12986	38296	1257	1019921				49864								209865		17279					17275298	
90	Guinea		764743		92153			9500	5128			119359						134976	887850		28400	90327		258000	
175	Guinea-Bissau		91715		21707			20530	14945			3457							32340				63700	5500	
91	Guyana		519600		4010													1012	33657		2564	1582		2934705	
93	Haiti		123864		213719				94636								9880	171250	318948			205000	41000	981640	
95	Honduras	1000	21004		521628				79380								21575	2000	9894				2260	3852489	
97	Hungary	4337130	8145	1175302	6592478	113884	139600	10860	8982	834			325996	16913			1051584								2972936
99	Iceland																10067								
100	India	70606499	130903382	1511360	11763600			10162380	7990200								22535260	1076240	6548940					286042000	
101	Indonesia		50367789		9433715												908789	1805016	15882405				346000	25660550	
102	Iran, Islamic Rep of	9643874	2286125	2381447	1039028			11000									3458294							2365419	4854205
103	Iraq	855400	182400	617400	94800		520	4000	5000								615000							67800	7630
104	Ireland	700200		1204940		400	126600										489200								1499460
105	Israel	111594		3200	74598		380		9154								354358	9950							
106	Italy	7362679	1353152	1253567	9948793	14090	330494		194406							24926	2069102	13671							12873226
109	Jamaica		27		2254												8227	24285	15229				182385	26249	2282276
110	Japan	622760	11676560	192540	206		1900	300		23080							3057600	1082680			244880	187800	73160	1512800	3821000
112	Jordan	26346		21002	12186				586								95493								
108	Kazakhstan	9344690	220744	1969706	208970	34584	191152	50976	140	23992						36434	1661468								240373
114	Kenya	231604	49866	51506	2374414		3660	44549	114629								791467	564662	621076				10000	4203896	
83	Kiribati																				1620		6940		
116	Korea, Dem People's Rep	107173	1985440	76728	1307600	71000	10200	27000	8800								1536000	364600							
117	Korea, Republic of	4604	7145448	291847	73501	17		1911	2077	3958						2794	637232	335636							
118	Kuwait	427		1942	337												25543								
113	Kyrgyzstan	1163230	14667	156669	297568	90	3401		19								924522								381455

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157
120	Laos		1994763		102636												33400	100152	63602					188922	
119	Latvia	402179		281264		108983	89637			4061			14884		21071	10580	759640								466980
121	Lebanon	91919		14489	3926		545		1735								273217				1193			4706	276804
122	Lesotho	29372		280	129213		490		33772								84000								
123	Liberia		180500															17600	374200		22300	20000		251000	
124	Libyan Arab Jamahiriya	136280		68420	2116			7500									181640								
125	Liechtenstein																								
126	Lithuania	1068640		935040		300060	88640			9520			113760		26880		1646560								916760
154	Macedonia, The Fmr Yug Rp	298949	18219	117981	140207	10570	3059	17	64								168195								58275
129	Madagascar	8800	2543400		170880				980								286520	515540	2452940		173000			2183416	
130	Malawi	1778	78391		1913805			19242	39199								1851485		1701823				400	1850000	
131	Malaysia		2067059		57400													40600	388000				46600	1600000	
132	Maldives							9										64	48		323		7100		
133	Mali	6434	739186		374043			765051	586032			21383				100		38922	11986			25964		302227	
134	Malta	9238		1893													34960								
127	Marshall Islands																								
135	Martinique																	1090	290			6740	12950	200392	
136	Mauritania	400	80863	592	9502			3975	72774								1400	2000				2500			
137	Mauritius				341												15542	567	163		126			5270512	
138	Mexico	3336247	380017	562069	18301709		85602	13	6063118				842	766			1466087	49211	15664	446			81735	46468954	
145	Micronesia, Fed States of		90		48				10									3000	11800						
146	Moldova, Republic of	994295		210209	1271772	4490	6043	85	516	5155							371316								1273823
141	Mongolia	175072		1886													60093								
142	Montserrat				30												140	20							
143	Morocco	2709118	30298	1278054	171900	2400	16538	7795	14808							6000	1101368	11440				80	1207528	2873293	
144	Mozambique	1600	175148		1114800			53805	294618								77000	62200	5418095				5400	388138	
28	Myanmar	97926	19418661		368051				160453						14200		254762	34819	84702					5190305	
147	Namibia	4837			29085			70720	6592														252000		
148	Nauru																								
149	Nepal	1100129	3911214	33763	1453808			282255									1103863						101551	1926741	
150	Netherlands	1024080		304558	149620	23600	12320						20600				7317111								6420552
153	New Caledonia	31			2132				106								1395	3000	2800		2300	11000			
156	New Zealand	325820		330600	185000		40840									9600	490000	16720							
157	Nicaragua		246566		337474				76857								27600		51700				4080	3513213	
158	Niger	10173	63933		4499			2026589	458991			1000				1506	10323	38271	131361					162739	
159	Nigeria	77800	3174000		4916800			5890600	7425000				72200				396200	2089000	32407600		3457144	25437600		686400	
160	Niue																	250	36		3200	120			
162	Norway	274319		617218		9369	364250						4780				395103								
221	Oman	1182							2904							1400	13402								
165	Pakistan	18660560	6854243	135580	1628320			199040	223920								1546797	8875					424000	48046520	152566
299	Palestine, Occupied Tr.	36058		13380					232								54016	6640					2376		11
166	Panama		193313		84107				4975								18734		28456	6033		17059		1820325	
168	Papua New Guinea		670		6800				3300								486	474000	117800		166200	216400	273400	390680	
169	Paraguay	235290	111564		868247				29030								1435	86870	3287364					2621670	
170	Peru	162159	1777754	167023	1075448	90	9527		422		26279					6828	2801503	244243	849119	34161			277903	7290000	
171	Philippines		11390580		4355264												69056	568585	1799983		95668	27579	188000	25266558	
173	Poland	8913301		3398547	759504	5002104	1382353			59933			2118957		3887192		22052453								13623741
174	Portugal	272461	153231	26644	966814	39887	64765						29168				1218312	22000				2095		4000	317279
177	Puerto Rico				686													1929	488			2810	5093	302352	
179	Qatar	97		4421	1246												46								
182	Réunion		80		17000												5804	410	1800					1840761	
183	Romania	5833796	4924	1318598	9252413	25405	340696	749	5144						7607		3589833								1608825
185	Russian Federation	36740472	453588	14960068		5505702	6429286	854082	33942	649422						23900	33749310								13702800
184	Rwanda	5691	10785		68087			3400	136099								511225	908920	463602		89904	4000		34000	
187	Saint Helena																								

	Crop codes (FAOSTAT)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	
188	Saint Kitts and Nevis																174	159				44	700	226807		
189	Saint Lucia																	747	992	180	300	4360	4300			
190	Saint Pierre & Miquelon																									
191	Saint Vincent/Grenadines				1400													2058	250			1058	9000	20000		
244	Samoa																		280		14200	2260	2960	12		
193	Sao Tome and Principe				2314														5013		22889	1180	1940			
194	Saudi Arabia	1888780		195039	5398			9876	214644								361399							880400		
195	Senegal		196641		71158			519930	133872							1782	7611	1318	97446							
186	Serbia and Montenegro	2501587		337330	5430383	12411	122675		7427								925493								1865408	
196	Seychelles																		150							
197	Sierra Leone		283196		9135			10212	14660							2540		34118	267838		2534			21600		
200	Singapore																					10				
199	Slovakia	1602187		695440	680225	85372	40511	1008	113				28555				421318								1334222	
198	Slovenia	153784		41188	307336	2790	5034	276		665					2294		182483								334191	
25	Solomon Islands		3160															76400	2140		32200	24900				
201	Somalia	880	2400		144200				126400									5580	67000					200000		
202	South Africa	2197200	3040	150239	8990861	2406	31416	12000	338861	290							1614759	55539						22268180		
203	Spain	5485583	826328	8837430	4303511	193219	677927	597	47707				62418	71	31452		3157020	21213				6908	100236	8069806		
38	Sri Lanka		2668758		30167			4459	115								45129	51714	248226					1084237		
206	Sudan	383200	6600		47400			577200	3327400								14800	8500	9900			134600		5358064		
207	Suriname		187354		83														267	3875			552	102000		
209	Swaziland	310	191		102486				631								6000	2340						3957655		
210	Sweden	2141700		1780440		156780	1116060						228840		95520		1061700								2603000	
211	Switzerland	563720		288820	205960	21940	32680						56520		1380		569900								1189900	
212	Syrian Arab Republic	3536866		888902	235087		397		2858								438498							11	1209957	
208	Tajikistan	398247	50706	21678	36259	396	281		161	5246							232668									
215	Tanzania, United Rep of	90280	694700	4900	2443332			240560	604562								596000	692040	6784560			10000		1281160		
216	Thailand	770	24712000	18012	4332660				147617					2560		43000	94427		17528156		56520		55400	54445314		
176	Timor-Leste		38280		99888												435	13367	48064							
217	Togo		75987		448440			41480	144619							6130		5061	644280		19176	631435				
218	Tokelau																						300			
219	Tonga																	5596	15828		5132	5184	500			
220	Trinidad and Tobago		5951		2757													199	995	1330	2200	36	1229	1226328		
222	Tunisia	1117684		271440			1000		1000				6200			6200	304800								104132	
223	Turkey	19539760	328000	8880000	2235400	236000	291800	5320						262	13962		5344000				478				17847811	
213	Turkmenistan	1273640	28060	19240	7980												26200									
227	Tuvalu																						120			
226	Uganda	11000	97600		997400			573600	382200								435800	2267400	4120200					1580000		
230	Ukraine	15694160	70180	7351880	3373260	1239440	919480	289758	10280	367340						36998	16402180								15204640	
225	United Arab Emirates	279															8579									
229	United Kingdom	14722200		6845600		42000	592000						68600		8680		6762980								9816800	
231	United States of America	62689950	8886233	6794912	242927373	237188	2165648	304705	13887864	70600							21509566	602130			2874			31279714	27961282	
234	Uruguay	383180	1091103	167440	187087		44200		97882					2240			130913	60000						167854		
235	Uzbekistan	3507780	275700	89460	132500	4300		2280	18120							400	701580								150000	
155	Vanuatu				700																		38600			
236	Venezuela, Boliv Rep of	524	742445		1364480				473866								349676	12352	539627	63018		72285	34940	7271680	12923	
237	Viet Nam		30540220		1836660												336582	1645300	2294560					14645180		
243	Wallis and Futuna Is																		2400		1600	500	1000	20		
205	Western Sahara			2380																						
249	Yemen	146084		46919	51859			66422	397765							210	204445	344								
251	Zambia	70792	11831	1900	780708			55494	25733								9600	51600	851007					1620000		
181	Zimbabwe	280000	460	35341	1740918		430	60766	100217								30600	1520	169000					4609300		
	Total	594594467	593173644	139624574	603140262	22039337	27315146	28078732	59471080	3194238	50097	243399	8918570	211684	5160032	2156489	309166871	135528398	172162312	274204	8403549	37054604	7308442	1258303380	253329446	

Crop codes (FAOSTAT)	161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263
Country	Sugar Crops nes	Beans, Dry	Broad Beans, Dry	Peas, Dry	Chick-Peas	Cow Peas, Dry	Pigeon Peas	Lentils	Bambara Beans	Vetches	Lupins	Pulses nes	Brazil Nuts	Cashew Nuts	Chestnuts	Almonds	Walnuts	Pistachios	Kolanuts	Hazelnuts (Filberts)	Areca Nuts (Betel)	Nuts nes	Soybeans	Groundnuts in Shell	Coconuts	Oil Palm Fruit	Olives	Karite Nuts (Sheanuts)
Afghanistan												50000				9000	5000	3133				1000					967	
Albania		23306	200							1608		390			480							2520	595				39607	
Algeria		763	17250	2623	13269			411		174		92				23664								3956			244873	
American Samoa																									4700			
Angola		76743												1100										17225		273000		
Antigua and Barbuda																												
Argentina		294480	13420	29800	1340			10780			120					466	8820						19365315	589474			93988	
Armenia		3510		39				7		119		81				96												
Australia		44800	237280	368400	207468	3000		104200		34800	1500000					15782	83					27358	80640	38620			1401	
Austria			6457	76952													14404						40220					
Azerbaijan, Republic of		4701	4960					950				1880				148	8140			12278		2860	188				538	
Bahamas							129																					
Bahrain												12										345						
Bangladesh	312600	60200		19260	32877		2800	143641				171076		10							38200			35905	89115			
Barbados												844												92	1540			
Belarus		164940		160800													11500			1620		1220						
Belgium-Luxembourg		1597	1559	9462								1080					576							550				
Belize		4902		2470										445										578	135	1290		
Benin		77481										15553		32000					500				2919	109996	20000	216000		15000
Bermuda																												
Bhutan												1600											1300					
Bolivia		13872	12600	4400	320								28480		34648								1029723	12900				
Bosnia and Herzegovina		12079		2250	1129	1680		17		863						117	3900						6323					
Botswana												15800												786				
Brazil		2670846	11074	3676									26930	117528			2405					1932	31865724	179208	1776756	410000	27	
British Virgin Islands																									25			
Brunei Darussalam																									166			
Bulgaria		18474		8001	3535			2267							300	560	7513					1400	3948	8760				
Burkina Faso						266910			32793			23200		2800										3738	223985			70000
Burundi		242005		33717			2060																350	9489		13900		
Cambodia		14528																				2400	34377	7852	70500			
Cameroon		161588	100			61501						8588			100				35760	100		13	5651	159539	4700	1090000		
Canada		236140	10020	2247660	219020			612560															2518680					
Cape Verde												3500														5400		
Cayman Islands																									10			
Central African Republic												29800												107460		48000		
Chad		53746										36731												400469				
Chile		46521		2236	3600			2605			33643					7208	11068					6					11700	
China		1606557	1773000	1077400	4700			112900				110100		1355	511379	20500	271101	26600		10900	166948	31400	14990812	12676051	225154	631400	3130	
Cocos (Keeling) Islands																									7620			
Colombia		124360						1000				18033											59036	4557	92258	2314020		
Comoros							292					11500												821	73217			
Congo, Dem Republic of		128085		61600								7000											11340	391704		958000		
Congo, Republic of		3203		4760																				22316		3712	88400	
Cook Islands																										5000		
Costa Rica		15380																				2090		204	16900	540040		
Côte d'Ivoire												8140	5200	54923		322			75000				3000	145200	237907	1375600		34798

Crop codes (FAOSTAT)	161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263
Croatia		16386		707		400		134		2380						2574	4158						77984				20358	
Cuba		71569																						15000	55011			
Cyprus		228	422		114	116		3		66		59				1272	252	22		49				1670			14440	
Czech Republic		359	5060	95596				2		171		5420					5442						1507					
Denmark				241806								2000																
Djibouti																												
Dominica												73													11500			
Dominican Republic		25872	10476	272			16658							942										3677	161658	142800		
Ecuador		31634	5262	4169				897			1449												60782	9150	24475	1290435		
Egypt		31069	419971	417	12703	6520		4983		1610	4647	6580					9424					6550	25355	166269			252546	
El Salvador		64738												2581									2400	398	77816		3500	
Equatorial Guinea																									5800	34900		
Eritrea		1988	2120	1598	3358			3600		5000		33200												1811				
Estonia		2138		6146																								
Ethiopia		131530	365933	121423	146944			45457		94183		11393										70000	24600	10081				
Faeroe Islands																												
Fiji Islands												1033												300	191155			
Finland				9540																								
France		9596	75527	2498096				7479			20455	6800			11964	5990	26726			4473			265044				16627	
French Guiana																									230			
French Polynesia																									75400			
Gabon												200											1779	18520		32600		
Gambia												3380												112717		35000		
Georgia		8282		38												960	15316			14454			1590	214				
Germany			84902	513678													14477						991					
Ghana												15200		7500					19000			982		205228	308060	1021887		58000
Greece		23798	5300	361	2047			1008		6500	100	3500			12474	49032	21369	7442		2673			4000	2507			2175043	
Grenada		92					586																			6800		
Guadeloupe												85											12			268		
Guam																							114			51900		
Guatemala		85892	13594									21724										22652	34307	1487	31200	291300		
Guinea												59000												190876	22500	830000		
Guinea-Bissau												2260		69554										18600	45300	80000		
Guyana			140	1160		140																		3020	72720			
Haiti		37330				36721	2920																	21600	28200			
Honduras		68965												430									3780	440	20408	622294		
Hungary		4838	291	92288				1005			1283	690			1000	509	6788			189			46060					
Iceland																												
India		2609160		706900	5494440		2433200	939680				1043400		444000			28400					322320		6364000	6991000	9344800		
Indonesia	199424	282193										1200		84000								35300	43100	1178062	1053594	14521900	32779000	
Iran, Islamic Rep of		165835			238268			84662				53800				93814	142446	226456		11875		1000	126488	3000			29560	
Iraq		8840	14700		8260	690		304		1290						552	2010					1802	848	431			11800	
Ireland		14780		2680																								
Israel				322	10634			42				100				4257						1080		25456			31180	
Italy		20878	69327	13100	4695			774		6620	4740				60673	102632	13360	2538		112657		2451	1009330			3123958		
Jamaica		252	250	1598		370	1524																	3517	170746			
Japan		101440	200	860								60			28960								203080	26280				
Jordan			40		1354			1369		1585						1206											86622	
Kazakhstan		8940		11154		1036																	4403	648				
Kenya		282000			17000	36000	58200	2680						12109							96	9431		23598	64816			
Kiribati																							194		100900			
Korea, Dem People's Rep		284000													8320								5940	348000				
Korea, Republic of		23015										7730			104474		1069					12974	128794	11120				
Kuwait																											9	
Kyrgyzstan												16040				800	5400				949	1000		5620				

Crop codes (FAOSTAT)	161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263
Laos		1732										13320											4170	13986				
Latvia		620		4140						1720													67					
Lebanon		500	926	2436	3838			1646		5160	1163	235				28191	3356					533		7686			107122	
Lesotho		10049		4222																								
Liberia												2900										2080	2600	4440	7000	174000		
Libyan Arab Jamahiriya		983	12170	5550	376											30300								22000			196000	
Liechtenstein																												
Lithuania		3740		43620						21840	1460	9540																
Macedonia, The Fmr Yug Rp		13801		2370	249	7540		173		4000						605	3225											
Madagascar		77786		6624		3800		760				7400		6700				224				12	56	34914	84300	21200		
Malawi		68828			35000	54000	77501															1957		110966				
Malaysia														13000								3160		5800	765320	52412000		
Maldives												67										20	2000		15114			
Mali						115967			16155			276										1000		175288				85000
Malta		470								700																	4	
Marshall Islands																									21000			
Martinique								875																	1142			
Mauritania		8230				14517						16000												2020				
Mauritius																	5							497	1680			
Mexico		1047142	6092	2769	219947			6359		91032		44		480		98	15589	40				61278	138326	132233	1171680	61729	15334	
Micronesia, Fed States of																									140000			
Moldova, Republic of		25129		33768						742						1000	7235			840		1180	8693					
Mongolia												1140																
Montserrat																												
Morocco		10750	74146	13432	34526			16018		7324	13764	27000				66714	8780	48				290	920	43096			504380	
Mozambique												189761		53928										127981	372800			
Myanmar	240300	1200399		41000	89880	80640	202288	1392													39297		86307	605119	246665			
Namibia												8100												232				
Nauru																									1600			
Nepal		24372			12928		20132	130131				25159				11							16405		338			
Netherlands		4928	4639	6040																								
New Caledonia												17														15500		
New Zealand				54230				1140																				
Nicaragua		141021																					17268	56986	4640	53000		
Niger		7400				408076						11000												109264				
Nigeria						2078800						50000		164400					82000			5000	408200	2708600	156600	8054000		369400
Niue																									2500			
Norway																												
Oman																												
Pakistan		124440		78559	604180			34407				148170				42734	18234	215				6080	9162	101608	2000			
Palestine, Occupied Tr.			302		1853	40		1123		1511														34			94414	
Panama		4550					2145					2141											102		16088			
Papua New Guinea												2450										5390		792	873800	1079000		
Paraguay		48004	7450	2900																				3013972	27783	119000		
Peru		65981	41216	34493	3627			4158			7964	2123	505	2363	1710		1082					1161	3754	8343	22083	166341	21251	
Philippines		28074										29100		7000								13080	1084	25629	12971700	199000		
Poland		44601		51655						3280	25706	173700						1600										
Portugal		9350	14897		1370						10				29215	14757	3918				696		10100		26		285600	
Puerto Rico		24					998																			3477		
Qatar																												
Réunion		760										200												600	514			
Romania		40619		22893								1637			920		32784						129502					
Russian Federation		5196	7600	908322	3600			2692		264800	16962	7000			14800		10460			1880		10800	320632					
Rwanda		177112		11798																				11153	6261			
Saint Helena																												

Crop codes (FAOSTAT)	161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	
Saint Kitts and Nevis												210												44	1280				
Saint Lucia												40													16640				
Saint Pierre & Miquelon																													
Saint Vincent/Grenadines												338												225	23620				
Samoa																									135000				
Sao Tome and Principe																									24820	29000			
Saudi Arabia												8060												4000					
Senegal						44152						300		7100								2500		828704	4700	63600			
Serbia and Montenegro		54293		23208		26100				23300					1100		21999						196859				2051		
Seychelles																									3300				
Sierra Leone			840	1346								48600							4000					26603	2640	195000			
Singapore																									129				
Slovakia		2193	16780	42382				1050		1000		17480					4800							5737					
Slovenia		1818		740											28		2013							38			1051		
Solomon Islands												3460											230		316400	142000			
Somalia		14700																						2840	9400				
South Africa		81888		1456		5820					13140											8400	177592	157605					
Spain		20691	11920	55008	52600			16420		116840	9835	53460			10486	273738	9719			22144		6400	7931	255			5065064		
Sri Lanka		12924				12300								5390										616	6317	2104288			
Sudan		19500	113200		18400							68900													972800				
Suriname												160												39	252	8800	707		
Swaziland		3295				780						1180													7031				
Sweden		1201		85500																									
Switzerland				11140											200		3476							5260					
Syrian Arab Republic		2374	13742	661	59400			107121		21683	84	1214				52593		34521					13677	4686	29145			590294	
Tajikistan				2261				255				4717				3620				1000			1370	18	441				
Tanzania, United Rep of		253000		26200	23200	45600	45400					25400		101640									6000	2029	73800	360000	60600		
Thailand		227754										52400		21400								16100	19800	316408	132066	1386901	3200497		
Timor-Leste		2097																						789	4074				
Togo		41583										6394		188											31154	14000	121000	7300	
Tokelau																										3000			
Tonga																									80	55411			
Trinidad and Tobago						383	1736					141														22540			
Tunisia		509	29740	3401	8907			591		180		23200				51940		1260		40		10					655000		
Turkey		232600	39900	3160	597600			461600		143590		7676			53200	40200	117400	50000		523000		580	52100	79400			1028162		
Turkmenistan				7240												1060							680						
Tuvalu																										1500			
Uganda		388000		18600	3180	57200	70400																	108200	139200				
Ukraine		57000		634200						94440					200	97	49950			91		1155		47400					
United Arab Emirates																306													
United Kingdom			117600	345600								327400																	
United States of America		1259712		249220		5140		114692							547000	240194	81244		31414		155530		74745152	1712258			95357		
Uruguay		3180	718	2540																				17080	1040		3100		
Uzbekistan			12840	304	100										6900	5560	1000		1100		2560			10000			94		
Vanuatu																										291800			
Venezuela, Boliv Rep of		27503		58			2162																	5267	1694	121906	309420		
Viet Nam		144660										99400		242320								4260	145980	354760	991200				
Wallis and Futuna Is																										2300			
Western Sahara																													
Yemen		6767	6662	2377	38094			5079				8105				129													
Zambia												14780												19807	49408				
Zimbabwe		47000			230							3040			42							760		125724	138374				
Total	752324	16625282	3694817	11286838	8241196	3374903	2941131	2993099	48947	960110	1656525	3314462	61115	1457185	886672	1503454	1202524	434748	216260	754423	621441	599678	160094723	33172799	50828645	111579670	14826152	639498	

Crop codes (FAOSTAT)	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401
Country	Castor Beans	Sunflower Seed	Rapeseed	Tung Nuts	Jobba Seeds	Safflower Seed	Sesame Seed	Mustard Seed	Poppy Seed	Melonseed	Tallowtree Seeds	Kapok Fruit	Seed Cotton	Linseed	Hempseed	Oilseeds nes	Cabbages	Artichokes	Asparagus	Lettuce	Spinach	Tomatoes	Cauliflower	Pumpkins, Squash, Gourds	Cucumbers and Cherkins	Eggplants	Chilies&Peppers, Green
Afghanistan		15333					22333						66000	13500													
Albania		2626											780									159779					
Algeria		50	29800										62				21074	36219				808596	41331	88696	47179	33813	167501
American Samoa																											
Angola	3460	10600					1800						10800									13200					
Antigua and Barbuda													81				104					178		223	201	252	61
Argentina		5484744	6278	32200		22890							712423	60349				81000	6480			683909		300610			118756
Armenia																	80823					147917	2986		39880		
Australia		134800	1700600			24960		200					1707860	8820			63339		10552	133614	4940	396247	111601	112029	16709		38506
Austria		54069	147450						918							9200	81466		1346	55512	7340	21676			41999		6225
Azerbaijan, Republic of		2765											101891				57894					296336			70724	9800	2120
Bahamas																						3419					
Bahrain																	885			604		3985	514	791	546	539	181
Bangladesh	269		248599				48991						41164	48924		810	112303			48400	25490	97003	78718	192600	19200		
Barbados																	1225			464		668		1016	1316		916
Belarus		17600	59700											13780			440840					100780			160660		
Belgium-Luxembourg			28750											12340			155359		1193	146115	52811	323072	89454		16463		13540
Belize																	1026					1271		282	125		213
Benin	600						9436			1800			370010									122977					32227
Bermuda																	230					115					
Bhutan								1300																			8500
Bolivia		110128											59700				13801			15220		100348	2954	107018	3680		5772
Bosnia and Herzegovina		106	1930														88508					35174					36520
Botswana		5580											2640														
Brazil	65810	64000	30800	643			14200						1612507	6200		10400						2966534					
British Virgin Islands																											
Brunei Darussalam																											
Bulgaria		479774	7760										8435			4760	145952		10500	6940	3940	396227	1420	35109	150983	30300	192292
Burkina Faso							14348						306472									9611					7000
Burundi													2732														
Cambodia	1303						7086						257			4380											
Cameroon							3058			56360			198309			7	36343					244115		109027	114093	1090	5121
Canada		104380	7011420			3180		219080						863940			168298		2436	84870	3498	660330	41359	39343	158229		46570
Cape Verde	30																3641			472		3748	60	900	734		
Cayman Islands																						27		73			
Central African Republic							35540			23800			31083			13400								21180			
Chad							30549			20000			198284														
Chile		4528	51513											936	1050		60198	23245	18036	79178		1203370	32367	114920	23600		63688
China	296600	1567659	10137722	438828		28600	716593	18400		30808	809000		13604100	383405	26957	816072	20495812	26800	3447275	6404800	6241600	19783067	5183965	3409783	17492162	12400010	8295490
Cocos (Keeling) Islands																											
Colombia							4679						108446				279000		2664	15896	4509	342622	6709	34500	5040	2030	21829
Comoros																						554					
Congo, Dem Republic of							4104			38600			27400				24200			14200		39953		39500	286		
Congo, Republic of							298			3540							1174			614		2521					
Cook Islands																						440					2
Costa Rica							120						300				9640					27589					1032
Côte d'Ivoire							3000						337663			27						146522				40600	21540

Crop codes (FAOSTAT)	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401
Croatia		53532	23524						45								128752			15794		64868			34506		31983
Cuba																	114457					349228		204403	135949	1620	32641
Cyprus							1										4970	3082		1053	1245	37020	2310	4260	16400	3120	1760
Czech Republic		48933	797907					26534	20283					5610		520	127990			6540	6026	28560	30929		46615		4825
Denmark			313273					16						2636			30371			8113		20240	6779		12374		
Djibouti																	8			1		1065		14	7	32	8
Dominica																	630			164		200		804	1620		
Dominican Republic																	4520			2903		260125		20498	2510	6670	16844
Ecuador	4048	226					38						8647	30			15882		9367			53249	2623	40800	550		8684
Egypt		38712					32885						710259	28200			520038	58175		162854	46333	6202968	107588	651824	509312	589012	395269
El Salvador							8253						2133				800					27424			8200		3073
Equatorial Guinea																											
Eritrea							3392							365		15400											
Estonia			27474											65			19107					2596	153		7151		
Ethiopia	15000		11143			36800	16794						45500	48367		92161	113000				6000	53600					
Faeroe Islands																											
Fiji Islands																	705					2283		1780	1040	2572	662
Finland			84560														31292					33914	4531		42908		
France		1810987	3595018					971	4940					31868	4390	16000	238765	71846	27765	494128	119292	863578	432427	185960	141621	22854	24557
French Guiana																	5984			130		3650			3506		
French Polynesia																	1082			764		999		135	830		204
Gabon																						360				89	
Gambia							1980						483														
Georgia		27839											60				112360					207260			34200		
Germany		75947	3656960					4700	2680					154000			770853		46911	165799	59093	42892	147938		147596		
Ghana													40709			180						210200			50	6400	268900
Greece		37934					113			4400			1253288				197752	30925	31782	73521	40677	2014788	72653	83680	160998	80408	99880
Grenada													35				220			70		60		256	106		
Guadeloupe																	2330			2970		2840		220	3409	180	90
Guam																	90					60			260	20	
Guatemala							29500						3860				51420			31598		160875	49442				13320
Guinea							400						48781														
Guinea-Bissau													3760														
Guyana																	719					2624		5593	2523	1704	1612
Haiti	1260						3800						1412				6605			520	450	3520				800	
Honduras							1750						2153				40678			1426		44315	670	2450	24900	450	1776
Hungary		633496	186046						2029								173211		3362	14336	7362	258029	13689	15269	114335		146738
Iceland																	804					878	95		840		
India	794220	779880	5400060			251380	578900		120				5715660	263840		147240	5428000			778000		7232000	4736000	3400000	118000	7728000	49300
Indonesia	2200											248420	27400				1576050				76743	529518		108089	452071	281366	849396
Iran, Islamic Rep of		45000				500	25894						452094	389		200	206000	10000	10000	54000	8000	3088417	21000	578800	1254223	144000	78000
Iraq		66800					14000						25300	298			16300			27050	5440	673000	26000	47500	274800	118600	24300
Ireland			10040														49840				9500	7520	9380		1620		226
Israel		14052					42						86420			1400	50955	5027	146	38274	1688	462994	25217	29300	109154	51360	93570
Italy		456574	49512											2000		93420	506144	504045	34463	953239	94770	6574291	506525	426004	74246	343950	363055
Jamaica																	22948			4706	13373	20319	1146	35237	14569	360	5837
Japan			817														2509400		25359	534180	323580	783320	115300	250300	762360	466380	164900
Jordan							110										17302			13888	3747	316337	33680	41755	87461	41724	21870
Kazakhstan		99125	5601			24530		4176					262774	814		24000	226495				312921			166384	18260	32480	
Kenya	3600	9688					11200						21885	860		32800	563857			487		255592			46		
Kiribati																											
Korea, Dem People's Rep													34600				628000					63000		83800	63200	42400	54200
Korea, Republic of			1786				29593									24038	3086807			171146	118815	249920	432	225682	413007	5000	370028
Kuwait																	4390			5045	1000	34687	5181	4316	30752	11197	5259
Kyrgyzstan		36760											82633	7980			88176					135601	660	1680	110340		

Crop codes (FAOSTAT)	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401
Laos							4476						16045														
Latvia			6712											500		940	58978					4943			10811		
Lebanon		242					466										51312	1400		36120	7174	293595	11300	32640	147750	33585	7000
Lesotho																											
Liberia																						1000					
Libyan Arab Jamahiriya																	3610					206056	4380	27900	17116	8312	14000
Liechtenstein																											
Lithuania			73980					44						2580			142200					8340	1080		13300	500	
Macedonia,The Fmr Yug Rp		11590	1096				37		197				2				67207					126364			21200		111226
Madagascar	2320			2520									32670			76	13500			320		22500	624		954	914	92
Malawi		3088		1940									41542				28000					34800					
Malaysia																121600	45200					9600		14000	49400		
Maldives																											169
Mali							3576			1398			463043									30146					1090
Malta																	4332					21074	6938	1205			
Marshall Islands																											
Martinique																	1350			7800		5560			3680	50	
Mauritania										3000																	
Mauritius																	8975			1888		10621	2537	10642	8697	1851	959
Mexico	1166	997	6536		400	161050	33647	48		11			453788	26			210194	6673	49299	193594	18879	2250515	207290	500000	413675	53600	1739600
Micronesia,Fed States of																											
Moldova, Republic of		241880															63956					129192	8460	9148	23996	12700	74480
Mongolia																									2560		
Montserrat													22									100			75		15
Morocco	100	45272	800				1300						1614			150	30200	32742	36000	4000		1041836	33738	109421	30367	37826	188680
Mozambique	420	13400					2860						71872			39000						8163		810			
Myanmar		160033					314403	16470					163496														
Namibia		105											4087														
Nauru																											
Nepal								120858					838	6460													1306
Netherlands			2887						1287					4231			288680		14420	83000	44580	523000	54080	11640	444000	35780	271240
New Caledonia																											
New Zealand			4180											1000			34800		5200	36300	2320	85700	60200	153600		4060	
Nicaragua							5822						3820				12630					4264					
Niger							10220						8493				113760			39593		90137					16380
Nigeria							69200			338200			374200			500						817600					719800
Niue																											
Norway			13184														23395			5407		9572	7833		11485		
Oman																						40026					
Pakistan	3446	125240	313360			294	46058						5159839	4249		24000	61963			179	77508	304673	195371	245000	13800	76000	
Palestine, Occupied Tr.		13				3	272		958								14970			2605	2516	178151	20584	44260	129696	40124	
Panama							204										4020			3880		21214			1763		2769
Papua New Guinea																						326		133			
Paraguay	13191	64254		41867			5654						220883									58441		7000			10295
Peru							569						132771	392			50522	3385	161975	39685	8646	201618	19400	99786	16588	48909	
Philippines	4000												2645			8800	87577			7716		147766		61502	5840	170922	16538
Poland			969527											1048	18	18700	1821566		2000			298658	249652		363200		
Portugal		26877														22000	143200			83784	14000	1083676	32684	12100	7000	5500	1000
Puerto Rico																	553					5810		11627			5770
Qatar																	2050			621	296	8989	1479	8573	4615	5036	871
Réunion																	7080	300	100	4090		6325	6904	3000		3200	
Romania	19	955370	65300				4797	2220					12	2683	122		807059			22800		625817		133000	122800		186140
Russian Federation	2320	3316106	124966			3232	48648							37968	222		3428492					1718318	7588		583980		
Rwanda																								132535			
Saint Helena																											

Crop codes (FAOSTAT)	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401
Saint Kitts and Nevis													3				118					114			74		31
Saint Lucia																											
Saint Pierre & Miquelon																											
Saint Vincent/Grenadines																								474			378
Samoa																100											
Sao Tome and Principe																											
Saudi Arabia							2237															374890		76415	133220	68909	
Senegal							2507			1700			24241									17032					
Serbia and Montenegro		289776	5820						614						17		318838					183557			35440		160695
Seychelles																						187					
Sierra Leone							2250															20980					
Singapore																									1		
Slovakia		107180	184222					3125	688					1615		1000	139393			3858	1163	72972	18929		38719		36605
Slovenia		77	7														43506				2432	166	9414	605		1234	2088
Solomon Islands																											
Somalia							23000						5444														
South Africa	4920	704524											98425			10800	190108		5916	33488		436542	23590	334634	15061		316
Spain		967438	62639			289			770				340320	17626	8		326738	281755	59539	1012243	54900	3621565	403272	308540	442720	153588	922329
Sri Lanka							5160	240									48936					38553		170000	27800	69018	59926
Sudan	1040	7400					283200			39000			215600									240400		66000		110900	4530
Suriname																	767					1215			2080		
Swaziland													23260									3480					
Sweden			126820											12460			20396			17918		19040	7080		27160		
Switzerland		7172	43032														12063			26336	13027	28144	6872		7502		
Syrian Arab Republic		9679					4137						1016594				57489	4809		47699		619480	46375	102495	101503	128293	39998
Tajikistan		376	15			317	70						367625				33720					149460			4160		
Tanzania, United Rep of	2800	28600					38000						154300			22800						135872					
Thailand	7500						37260					134121	44614				206600		4020	514		210000	38600	209000	213000	65200	13200
Timor-Leste																	1239					158			113		
Togo	50						1360						146520				500					5200					
Tokelau																											
Tonga																						353		15000			
Trinidad and Tobago																	1865			506		2251	316	6903	3450	1620	402
Tunisia		10000	2038										3000	4700			12280	20600	150	13760	12100	758600	5740	34380	26660	210	192800
Turkey		832000	295			46	27360		20649				2195990	194	137		708600	25560	12	310400	197400	8232200	84400	350800	1618000	921400	1406400
Turkmenistan													954440				33040					132680			10400		
Tuvalu																											
Uganda	900	3000					88400						56420			26800						12800					
Ukraine	126	2615200	105178					3400						5000	263	6900	1088600			7840		1017640	9400	939160	625360	37400	105860
United Arab Emirates																	86153			1350	161006	784495	17299	35936	21059	45313	8145
United Kingdom			1428200											126600			279880		1806	157660		113040	164500		82000		9400
United States of America		1837450	712672			160670		24246					9699662	199108			2283490	44814	95538	4287922	275670	11082864	331250	306752	1066222	50278	763010
Uruguay		88940												2810			2660					36800			19200		7140
Uzbekistan		5400	1600			11860	17300						3344460	900		462	872980	1000		1000		968840			264540	1920	5900
Vanuatu																									264540	1920	5900
Venezuela, Boliv Rep of		5108					29227						34608				57041			22807		218116	5814		15921	3727	75153
Viet Nam	5020						15220						22120				106200						27200				
Wallis and Futuna Is																											
Western Sahara																											
Yemen							17874						24977				830			860		241866		6646	13117	4350	10477
Zambia		9491											77414					380				23800					
Zimbabwe		27969											302207				230	172	184	184		11600	226		404		224
Total	1237818	24815556	37881111	517998	400	730600	2768107	497252	58398	562617	809000	382541	54643172	2392679	33640	1632423	54628782	1273954	4124145	17108911	8163112	101019065	14069374	15669868	30995626	24634989	19498241

Crop codes (FAOSTAT)	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Country	Onions+Shallots, Green	Onions, Dry	Garlic	Leeks and Oth. Alliaceae	Beans, Green	Peas, Green	Broad Beans, Green	String Beans	Carrots	Okra	Green Corn (Maize)	Mushrooms	Chicory Roots	Carobs	Vegetables Fresh nes	Bananas	Plantains	Oranges	Tang.Mand.Clement.Satsuma	Lemons and Limes	Grapefruit and Pomeles	Citrus Fruit nes	Apples	Pears	Quinces	Apricots
Afghanistan															520000			11600				5700	17500	2300		37500
Albania					3284		160					100			221773			2367					12479	2647	620	690
Algeria	100	374212	30956		25457	46402	105666		141260			100		3779	247473			291538	105811	26146	1406	370	85929	71175	2160	59236
American Samoa											20				470	750						25				
Angola	12200														234000	300000						78600				
Antigua and Barbuda		97			66				211						205	113				223						
Argentina		648112	138748		3800	24600		43600	230209						638000	171730		862769	415795	1076779	214301		1105867	541070	24600	26447
Armenia		34558	9147			782			12213						80740								35920	13721		19580
Australia		227288			34609	73993			269770		56968	38190			83820	230914		520444	74832	31276	14465	2200	327291	155704	270	21432
Austria		108407			6586	11234			56764			160			93700								440704	111013		13759
Azerbaijan, Republic of		76288	11711			1300			2622						144380			29300	2660			1700	257940	31290		13192
Bahamas		572													17600	2338				8083	12393					
Bahrain		1435							75						1650	733				951						
Bangladesh		134453	39177		49051										815400	598632		8760	1000	13348	15399					
Barbados		494						833	794	503	653				3050	514										
Belarus		64100							196820			3800			335100								183900	11900	2440	
Belgium-Luxembourg	286	52646		187589	85885	119260			147496			48249	594248		216624								447665	143668	340	
Belize	94								84	110					2990	59254	15255	196318			47784					
Benin		12142								55070					95000	13000		12000								
Bermuda		50			20				340						2100	330										
Bhutan															1800			58000					5500			
Bolivia		49083	7678			21483	49374		34762		60400				24500	520179	179090	105253	58209	62940	28970		9559	4439	3560	
Bosnia and Herzegovina		32918	7868		1760				11738						456000			76					19004	9133		727
Botswana		900													15200			520								
Brazil		976101	74214												2190000	5610713		21020862	884458	546798	64800		878407	17505	4500	
British Virgin Islands															340											
Brunei Darussalam															7547	568		248		50						
Bulgaria	9520	84289	26566		16860	5987	3040		20260			11140			73480								110933	18443	5980	11482
Burkina Faso	17025				5991					26000					165000			500	250	210	150					
Burundi															233000	1503209										
Cambodia															467600	146000		62800		2220	2840					
Cameroon		54267		158	2323					27981			128		440000	682107	1238542				48	28				442
Canada		178040		2752	50576	68047			289974		316836	75330			139620								526588	17379		1377
Cape Verde		1327	56		2000				480						520	6000										
Cayman Islands															18	206	33					56				
Central African Republic					10										57800	115200	82000	23000		1800	4380					
Chad		14000													82400											
Chile		249408	19956		35178	29783	19619		96682		218500				121800			94000		122600			987000	251000		24600
China	373946	12345902	6614174	78254	1466280	1278239	104903	26005	5138107			723790			108373829	4370862		2898116	6411781	269689	285501	582182	19597585	7841742	73600	84758
Cocos (Keeling) Islands																										
Colombia		619666							189183						120445	1534564	2694127	330271								
Comoros	156														5628	57520										
Congo, Dem Republic of		54864							276						269400	315142	1167166	190469		7206	9690					
Congo, Republic of					3023				264						32400	68865	71235	2442	2442	3804	3512					
Cook Islands															1000	234		180		6						
Costa Rica		19239													34600	2320000	60189	350535		3123	10359					
Côte d'Ivoire	5140										240000				98400	262373	1416200	29520			234	30000				

Crop codes (FAOSTAT)	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Croatia		50793	9576		7968	9115			25955				3103		24400			586	18804	491			62091	9639	540	1050
Cuba		49019	25744												626214	224383	477917	488829	18583	20245	330222	2680				
Cyprus	374	7200	220	30	2120	960	1070		1900	1374		1934		5100	6930	10860		45400	27770	22100	36420	460	10520	1040	76	2124
Czech Republic		86178	7214		1610	8470			68014			420			71878								279768	21830		6942
Denmark		39001				80000			70877			8396											27560	4640		
Djibouti	105								8	14					22600			3	1	1709				3		
Dominica									500						2250	33040	5720	7907		1000	19100					
Dominican Republic		32082	4793						16408						17300	393139	253179	104509		7050	3220					
Ecuador	97562		537		14316	8989	13984		27043						12700	6380732	661377	152325	14576	18028	3787	27245	17213	13313		284
Egypt		679994	207755		203095	213720	2440		125717	81471					536000	725873		1581432	482831	273137	2845	2864	429856	44743	33	52522
El Salvador		3750													20800	68000	43662	34799	2880	24200						
Equatorial Guinea																19040	30360									
Eritrea															29400											
Estonia		774	124			85			10234			80			18481								14748			
Ethiopia	18800	95200	37100												420800	81200		13800	8080	6500						
Faeroe Islands																										
Fiji Islands										1154					7000	5043		649								
Finland		17158			45	6492			61416			1446			37060								4050			
France	44190	375431	38384	199646	115820	529180	3000	371635	658773		448531	175304	145133		2800000			909	23041	600	4507	140	2280520	267280	2174	132277
French Guiana					3170										7338	4370	3042	582	154	1328	98	12				
French Polynesia	36							150	404						994	541		201	23		418	460				
Gabon															34400	11400	268460					980				
Gambia															8400											
Georgia		36340							5900						16180			59643					111007	33880		2088
Germany		270575		66597	46226	46240	3844		388041			61000			1333400								2246460	428480		5040
Ghana		37860			15800					130000						13120	1956708	279500		30000						
Greece	29000	188662	14240	41977	70295	8988	8980		35840			1100	18847		90000	4030		1006595	97579	175081	7267	3079	315563	80644	6228	64373
Grenada									80						1840	3770	734	900		463	2000	972	522			
Guadeloupe		24			1145				450						11958	119124	7889	616	68	1548	533					20
Guam		2						94							1500	230		60				80				
Guatemala		99480	5060				4620		35476	5216					120000	816309	259488	93819		128839		3700	28720			
Guinea											260000				216000	150000	429600					213000				
Guinea-Bissau															24800	4000	37200	5000		3200						
Guyana	1356				3549					2656					9630	13414	13703	4114		775	1165	877				
Haiti		3935	480												196000	288034	288000	23880	7586	22200	8988					
Honduras		9912	80						3440						57800	648998	242212	111234		4643	24386	388	149			
Hungary	5420	143797	15554		29647	190722			108242		270125	15845			126397								545289	33962	2180	23409
Iceland									254			389														
India		4930500	514360		412000	2766000			344000	3442000		36000			25772000	15574000		2842000		1298400	120000	115800	1255796	175400		9160
Indonesia		755473	71350	300078	749342				294809		207400	20900				564260	3531413		604479							
Iran, Islamic Rep of		1361370	68000	10000	15000	10000	10000		40000			10000			1615200	26083		1808638	711543	974877	44028	73915	2114757	186585	27600	250878
Iraq	57000	55800	4120		1920		82400	71600	8100	118200					195200			293200	39100	14740	386		79200	2880	1940	26100
Ireland		7280		1700	1720	7020			23120			62480			40000								12480			
Israel	7340	86766	6368		7883	8560	300		75862		9960	1070	200		126820	105662		270350	133438	19995	366874	11200	107291	24370		9507
Italy		433964	33042	28729	200561	95796	75101		534509			66061	35307		2412742	400		1716561	524015	553279	3159	18862	2205269	843156	611	169185
Jamaica	13681	1443						4530	21040		6				15000	130000	25966	140000	15000	24000	42000					
Japan	530740	1264600			65140	36620			682780		292200	70792			2966200	474		115480	1324000			264200	906000	402900		
Jordan	10738	27486	3623		14133	2369	11880		8956	3574		590			33568	24828		31383	60698	34978	8706		35020	1341		3538
Kazakhstan		274993		8780	7680	139	7640		135124				3700		125300								84120	8328	1240	4788
Kenya		49834	300	400	21900	20200	46					112			582000	230400	877400	26800	152	268	14800	1080		180		
Kiribati															5320	4640										
Korea, Dem People's Rep	89000	80600	76600									5400			2240000								646000	126000		
Korea, Republic of	577039	899866	430458						164033			17771			3525000			598670					498769	304070		
Kuwait		4650	438		1193		394		1826	2665					39468			48		17						
Kyrgyzstan		141199	500		3520				97423						84120								102533		3260	11360

Crop codes (FAOSTAT)	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Laos															343990	34600		27600	22500	8920	6920					
Latvia		6283	278			296			32629			487			21620								40978			
Lebanon		98016	15420		30640	6879	12389		17468	2040				4800	47840	69220		180278	42848	95205	13740		128829	41422		35607
Lesotho															19000											
Liberia											15000				60000	99000	37400	7000								
Libyan Arab Jamahiriya	50100	175960	3430			9290	14020		23100						57800			41520	9680	13390			24282	1196		15900
Liechtenstein																										
Lithuania		22780	280			6900			60100			3840			106360								134760	10180		
Macedonia,The Fmr Yug Rp		35286	4457		18020	2537			3039			1880			12920								66786	8545	948	3016
Madagascar	234	5840	824		2140	588			5240			1060			295000	273000		83800		5720	9220		6680	1620		1220
Malawi		17636				420	346								173000	93000	200600					2400				
Malaysia															244000	536000		11600		3800	8456	2960				
Maldives		36													27800	5154										
Mali		37147			940										247000											
Malta		6118	1049				1449								8480							1000	125			
Marshall Islands																										
Martinique					1470				500						8152	305798	15200	667		266	106	236				
Mauritania															3660											
Mauritius		8583	67	142	1858	8			7572						19880	9190						384				
Mexico	972319	101190	62557	5246	56661	46602	53502	73214	344559	33966	212908			56	221473	1764880		3728525	304801	1387092	237002	9707	446008	32513	7417	2049
Micronesia,Fed States of															3100	2000	300									
Moldova, Republic of		67113			4820	4597			23921			420			15568								309315	9227	2654	8418
Mongolia															41140											
Montserrat		45							110						130	150		5		75						
Morocco	14800	507252	10530	60	30752	51864	98412	32800	215826			1760		23000	286954	113420		871860	416080	13400	2000	8500	299941	37413	25980	110140
Mozambique		6133													132000	88200		14054	420	4100	16000					
Myanmar		392416	60250												2720000		381696									
Namibia															10000											
Nauru															450											
Nepal			6347												1450454			54113					25801			
Netherlands		713613	12600	95200	51820	73240	7660		367600			253800			154200								471800	140600		
New Caledonia															3789	998	143									
New Zealand	223000		1180	2000	8640	56900	980		66800		98800	8210			111200			9200	4200	2690	3000	8000	548000	40971	880	7140
Nicaragua		5840													6140	69727	38800	71400								
Niger	1700	251749	6769						12210						39200											
Nigeria	200000	588600							225600	681400	575000				3857000		1883400					3176400				
Niue															100	70				110						
Norway	16705			2129	720	4072			40715						20614								11557	1110		
Oman		16958													98000	29786				11074						
Pakistan		1311412	75758		17336	71285			192226	109363					1140000	120514		1363380	502320	82000			469123	36265		150177
Palestine, Occupied Tr.	5979	23935	1431		6163	1930	3416		1996	3435	9020				35073	13563		86454	14549	22787	5554	1179	928	135	69	1556
Panama		6570							3422						22000	651915	94357	28758								
Papua New Guinea					84						220000				234800	695000										
Paraguay	13038	33600	1045						17822						16700	66318		207195	25889	13221	54968			513	190	
Peru		352923	44921	16358	16905	73204	63128	13186	140056		320534				34848		1427320	251478	113244	246050	4020	28877	148256	6551	5152	181
Philippines	200	84831	14256		11880	27600						605			3984000	4365481		26020	49960	46380	30578					
Poland		687098			2400	480	260		913381			102000	25800		1321340								1854812	73235		
Portugal	2800	109256	1400		22801	7234	30000		146788			1000	2525	20000	580000	32000		235490	40163	10795	7670		247665	141837	1800	4270
Puerto Rico																47497	82900	23781		2049	288					
Qatar		3470							571	798	947				7269							772				
Réunion	4300	2590	600		2615	500			3470			70			12000	8100		1980	5700	1000			120			
Romania		359212	74208		46504	21382						11440			334300								468284	68014	7200	30559
Russian Federation		1190322	186882			29230				1425750			4120	3400	3334800								1480800	53600	4460	50400
Rwanda															54000		2353529									
Saint Helena																										

Crop codes (FAOSTAT)	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526
Saint Kitts and Nevis		81							86						200											
Saint Lucia															980	89800	1339	1121		258	2012					
Saint Pierre & Miquelon															30											
Saint Vincent/Grenadines									236						2760	42684	1557	960		874	456		638	236		
Samoa											20				874	20000						650				
Sao Tome and Principe															6060	32919										
Saudi Arabia		131400							57865	50541					465906							113054				
Senegal		84729			8034										45000	6300		30000								
Serbia and Montenegro		129423	37618		4880	23351			58310			9800						3264					185898	64251	11373	10191
Seychelles															1720	1942		26		30						
Sierra Leone															171000		27800					78400				
Singapore															5000											
Slovakia		41332	4839		2928	4872			58991			580			1960								72750	8515		4728
Slovenia		8640	1674	257	1036	133			5668			1500											97989	10267	51	508
Solomon Islands															5520	282										
Somalia															46800	53600		8040		2940	18600					
South Africa		345109			33353	20043			100544		295682	7165	16800		261000	240744		1042866	97331	116224	242363		573847	278162	288	65163
Spain	36162	994441	183548	59677	276704	56261	71532		389218			82981	8602	99492	468666	393735		2685880	1849718	923948	24943	9047	901669	700506	4917	145143
Sri Lanka		76538		9000	31179				26257						59600		610000	4694		20400						
Sudan		57460	16940												462400	71300		16840	1244	58700	65300					
Suriname					684										15000	45868	11820	10720				893	3260			
Swaziland															7300	500		34286		460	39029					
Sweden		30525				40548			85900						23800								18960	1363		
Switzerland	30301				8261	4774			53488			7318			95640								295832	103348	956	3469
Syrian Arab Republic	44942	92063	20339		29032	12560	35417			13076					92865	904		380694	27011	71959		243100	310325	26076	7593	61932
Tajikistan		113260	600		1300				25360						33960			900		1340			57920			23240
Tanzania, United Rep of		54800	1940									27400			933000	146945	587778				37800					
Thailand		280971	124826		86000	5740	1260				213237	9340			960000	1728000		321000	642000	78800	20000	4960				
Timor-Leste			289		400										269	1689		350								
Togo															129000	16100		12100								
Tokelau																15										
Tonga															5500	882	2926	584		2500						
Trinidad and Tobago															3720	6070	3955	4540		1326	3481	3760				
Tunisia	123200	130800	6300		2700	17640	22020		44380			70		1000	74800			110400	40100	16760	53200	55980	95500	51980	4720	27340
Turkey	223200	2244000	106220	307200	476000	53000	45800	39900	235200	26300		1520		13920	238126	46600		1026000	497000	430000	112000	3015	2470000	372000	97800	464000
Turkmenistan		50480	560						28960						19600								18020			13320
Tuvalu															374	240										
Uganda		123523													389000	601000	9346000									
Ukraine		489400	97960		700	10000			453980			2880	480	100	297460								777200	151360		72860
United Arab Emirates	33378				1631				2060						110305	141				18319		6193				
United Kingdom	24100	367380		47080	26500	400370	11760		639740			100812			442780								208760	29420		
United States of America		3165880	271962		135424	1064000		922524	2006650	7870	4115644	383158			1053400	10550		11140912	542990	811934	2397578	3628	4749113	895943		94030
Uruguay		24100	2400		1050				19420		3450				17200			159830	90663	45531	10938		62779	17842	7700	
Uzbekistan		144860	23560	1000	2000	1000	1000		34600			380			251120				450	690	1000	1000	382520	19660	1980	38700
Vanuatu															9860	12800										
Venezuela, Boliv Rep of		193973	11233					3452	206155						135512	844532	632536	480915	140987	61831	9020					
Viet Nam		201562										14500			5655898	1233998		406540				13466				
Wallis and Futuna Is											40				500	4100						50				
Western Sahara																										
Yemen		72739	11284	5000	10686				7498	19603					47639	87867		141766	21089	8270		114	2201	272	545	6554
Zambia		26200													210000	620		3420								
Zimbabwe		2420	118	94	630	5810	446		115			246			124600	82800		82200	8460	10540	6440	324	6040	274		36
Total	3921305	45925829	10067021	1477132	5285835	7947915	983258	1603523	19749408	4846380	8489281	2470891	803918	225602	199804422	63859046	30547811	64405126	17577225	10494779	5181384	5247605	57944530	15694965	358435	2541712

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636
Country	Sour Cherries	Cherries	Peaches and Nectarines	Plums	Stone Fruit nes, Fresh	Strawberries	Raspberries	Gooseberries	Currants	Blueberries	Cranberries	Berries nes	Grapes	Watermelons	Cantaloupes&oth Melons	Figs	Mangoes	Avocados	Pineapples	Dates	Persimmons	Cashewapple	Kiwi Fruit	Papayas	Fruit Tropical Fresh nes	Fruit Fresh nes	Maize for Forage-Silage
Afghanistan			14000	34500	20700							57000	330000	90000	22000	13833										77000	
Albania	8180	5020	2780	12841									74119	231400		14298										400	477400
Algeria		3397	52315	24291	9652								183279	460841		46951				384167						35032	52400
American Samoa																			20							400	
Angola																			37000							29800	
Antigua and Barbuda															660		1310		153						6580		
Argentina		6400	240512	81348		8420							2311912	127000	69454	880	1880	3340	3360					2060			18230000
Armenia		3060	17267	11138	10240								112143	63772													3940
Australia		6225	90202	27972		13730	546		987			800	1235641	81003	86419	76	32283	22507	131330		650		3886	5452	6000		
Austria	4900	27807	9028	60744		16994		1718	20095			5880	316593														3619941
Azerbaijan, Republic of		3600	32400	15503			800		450		1100	2060	109426	178816												34560	10860
Bahamas																										3740	
Bahrain													130	61	91					16580							3200
Bangladesh												6800			90800		187077		148613					40971	266800	95380	
Barbados															400			448							1300	610	
Belarus	23960	12160		37240		540					1720																5675200
Belgium-Luxembourg		4800		1720		43985	200		2020			341	18939														8400970
Belize														1449	137				1646						4362	3060	
Benin																	12000		58421	1000						105800	
Bermuda																											
Bhutan																										1500	
Bolivia		675	36036	3851		1702							24033	22048		3489	7378	7034	52619					22362		6600	
Bosnia and Herzegovina	1590	5369	2656	40420		5233	1874						12914	36962		300										360	65880
Botswana																											9400
Brazil			160945			2500							935924	632149	137926	17881	550811	85768	1261286		61003	1540000		1402138	396575		
British Virgin Islands																										80	
Brunei Darussalam																			770							3460	
Bulgaria	11039	31050	43125	72036		8470	2861		112			340	505640	270895												9230	498215
Burkina Faso																	5000									60000	
Burundi																										84800	
Cambodia																	34400		15900							54500	
Cameroon			492	308	3900									24957	31690	44	440	48800	46035	322				10		104000	
Canada	6468	5005	32558	3410		25433	15236			53831	32683		64536	1622	8974								194				6079440
Cape Verde														75			4500									4500	
Cayman Islands																	36	13									
Central African Republic																	9500	4400	13720								
Chad																	32000			18000						63400	
Chile		25400	250300	173560		23500							1714239	70575	62600			88800					128300	6580		12000	679200
China		8900	3668785	3652073	71000	7726						24940	2899662	45334784	6953515	3300	2916359	62700	1098363	96800	1432248			154718	1688951	1451659	
Cocos (Keeling) Islands																											
Colombia						17682							14018	45612	9860		117990	125447	294117					93351	1065200	165000	
Comoros																										3236	
Congo, Dem Republic of																	209026	45148	199069					218457		58400	
Congo, Republic of																	23257	5548	3180							22400	
Cook Islands														256			2660	150	66					1405		400	
Costa Rica						960						1000		69743	174879		19490	23600	800882					32197		193600	
Côte d'Ivoire																	12600	2100	241441							4040	8090

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	
Croatia	7697	5538	8847	49556		3851	979						386784	47836		5720											302000	
Cuba														50190	23400		163841	7500	16093					78421	48000	119720		
Cyprus		1194	2940	1184		1828							107320	35800	10000	3850		1052					409		94	1147	465	
Czech Republic	8693	12760	7673	23008		13353	682	7465	19582			3380	58487													23000	7939956	
Denmark		3060		542		3192	110		4500																		1973957	
Djibouti														59	91		503			69						1025		
Dominica														200			1843	550								1000		
Dominican Republic															41330		183000	87790	98696					19600		36600		
Ecuador			16533	8302		305						6334	486	24483	15095	13	63827	24236	55683					16439	5227	215229		
Egypt			319101	22226	811	58138						634	997842	1609471	698878	195668	273036			921315					6720	345000		
El Salvador														59390	18000		17760	41400	6138					3180		9560		
Equatorial Guinea																												
Eritrea																										4520		
Estonia		478		1266		2253	171	569	1871			828	1180														3900	
Ethiopia													5110				61950	31382						84060	8974	117600		
Faeroe Islands																												
Fiji Islands														1813	140		329		2783					1760	19	9200		
Finland						11010	358	44	1904																			
France		58556	444320	212310		66531	7652		8968	1000		1000	7445235	7974	311257	3279		152					75081				55702800	
French Guiana																	437	239	1773					374	2139	121		
French Polynesia														968	255			71	3438						720	1500		
Gabon																			680							10240		
Gambia																	670									3600		
Georgia	20129	12818	13255	19346		1606							237519	66261												29993	5280	
Germany	83940	130491	17600	370076		96804	31088	81029	143851				1370960														53161738	
Ghana																	4000	6300	45000					1510		41000		
Greece	2931	45535	769548	8401	4000	9500	100		20			1500	1250084	655837	163560	79400		1516				51222			20000	225800		
Grenada				660														1830	1710						1000	2000		
Guadeloupe														1040	3810		1010	280	7153					55	1106			
Guam														2200	340		50									1400		
Guatemala						6464							14177	124019	144001		176670	25992	100351					22805		84218		
Guinea																	89144		73443						45300			
Guinea-Bissau																	4540		200					1600		17000		
Guyana		407												33			6021	498	4362			3			2644			
Haiti															2480		232000	44400	3070							52474		
Honduras													150	20735	108304		5780	780	69624					596		42000		
Hungary	52670	19056	62069	101102		13040	18671	5676	11922				700319	115290	7083											9860	3437719	
Iceland												16																
India		6640	117000	72600	1290							1294	1038600	252000	642000	9640	10582000		1063200					652400	2810000	6424000		
Indonesia																	862783	134976	383552					446029	1617600	432000		
Iran, Islamic Rep of	45826	224045	306493	129530	183000	21726						145000	2360784	2058347	1044938	74167	11522			889512	1000		15000	100		1359318		
Iraq			22500	28600									285000	411000	209200	14220				588600							66800	
Ireland						4140	390		1240			100														5000		
Israel		1653	49700	19955		15999							96665	340400	73800	517	23271	73620		9951	13140		1580	50	200	20200		
Italy	8020	123392	1542788	161965	4724	181077	1324		557	1661			8906831	534349	503172	28961					50652		316338			52693	14807840	
Jamaica														14870			5000	4000	19512					10813	57000			
Japan		18380	170720	119160	9860	199620							237820	593320	327580				12360		281680		41520				5093200	
Jordan		663	8482	3073		858							21055	75182	28569	2350					1272				1681	6326		
Kazakhstan		9246	2214	6194		5588							35618	359388												6520	1314200	
Kenya												570					148914		541225	1100					32424	72494		
Kiribati																									1190			
Korea, Dem People's Rep			107000											103000	107600											461000		
Korea, Republic of			158320	45656		168534							423525	924238	303045				1614		266454		13977			71418		
Kuwait						453							4	438	1315					8314						592		
Kyrgyzstan			4880	2800						880			22398	59312												1680	319000	

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636
Laos					9060									862	33100		2380		34200							38400	
Latvia				2377					4678		7400	3300															17720
Lebanon		43900	40352	34986		20580							120900	105800	36200	18100		3600								40980	
Lesotho																										13600	
Liberia																			7000						3000		
Libyan Arab Jamahiriya			9260	31840									40872	212000	25700	16430				124450						6180	
Liechtenstein													150														
Lithuania				4560		1100				3240																3860	196720
Macedonia,The Fmr Yug Rp	4049	3172	6694	20436		4881							245226	118441		280											51263
Madagascar			7520	1820									10460				206800	23200	51200		68200				111400	6980	
Malawi																	33000								980	181800	
Malaysia														127296			22028		113020					57000	222000	64400	
Maldives																										9080	
Mali																	37956									1000	
Malta					380							250	2535		13540	421										4920	
Marshall Islands																											
Martinique															2368		198	354	20685								
Mauritania														4127						22178						2800	
Mauritius																			2693							710	
Mexico		639	138739	74529		125351	1298			569		5701	448334	867754	520390	2931	1523888	873142	505013	3149	445			656951	245857	342414	4521198
Micronesia,Fed States of																										295	
Moldova, Republic of	11645	7006	13577	49411		1802	749	363	549			1720	465225	28434	3526											1860	548636
Mongolia																										126	4060
Montserrat																	140									340	
Morocco		5693	42379	48240	200	64640	50			50		920	260572	250697	394292	66580	20	12120		74886				50	362	38400	
Mozambique																	30600		16000					39400	16000	116200	
Myanmar																										936000	
Namibia													4356													10400	
Nauru																									275		
Nepal																										447109	
Netherlands		240		4760		43600	420		2520	3780		1200	100		1600												10276000
New Caledonia																										2755	
New Zealand		1034	14707	2220	2040	6460	980	10	2540	1318		2960	73820	2700	830			8560			1210		246868		2680	16800	336000
Nicaragua																			46500							9700	
Niger																				7620						41200	
Nigeria																	721800		866000					734000		1400000	
Niue																									100	300	
Norway		649		861		8051	1101	183	1069																		
Oman														27705			10084			256207				2186		1300	
Pakistan		1719	39654	68895								3960	58830	420000	400000	671	959191			616355				8560	496240	386000	
Palestine, Occupied Tr.		99	1243	12098		4799							59661	11654	5579	7493	311	162		3938						19205	
Panama														15148	26627		6131	2884	19370					6700		15100	
Papua New Guinea																			11800						1750	501000	
Paraguay			1395	1592		2327							15126	110023	29072		29175	11853	39588					10381	18860	5500	
Peru		300	33737	6285		11814							104748	66252	13798	3738	146422	79593	138940	215				162551	134483	65741	
Philippines													262	64232	17800		909730	39006	1567231					70627	2949400	151320	
Poland	151223	38990		112691	16960	180802	42586	32741	162421	20720		880														2540	6312466
Portugal	600	8979	68051	15549	4000	2500	100					100	871428	2000	20000	15193		13000	2000				8587			5200	4980000
Puerto Rico																2120		17375	1976	15679				3150		4620	
Qatar													107	1228	4131	150					17212					343	
Réunion			500		300	750						40	200	350	2000		3685	180	10757					420	5000	14732	
Romania		77659	17234	472815		13999	2671		2900	3500		4620	1117521		728924											39004	989700
Russian Federation	157000	71800	24200	127000		124200	96200	35140	206600				247168	478600												228400	50400000
Rwanda																										59000	
Saint Helena																											

Crop codes (FAOSTAT)	530	531	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636
Saint Kitts and Nevis														80											1300		
Saint Lucia																	27460	351							2780	1530	
Saint Pierre & Miquelon																											
Saint Vincent/Grenadines																	1260										
Samoa																	4240	900	4360					3580	8760		
Sao Tome and Principe																										2140	
Saudi Arabia													125972	348344	127528					712448						241489	
Senegal														211362			73894								5840	16000	
Serbia and Montenegro	63079	23303	44977	407021		24851	58974						403689	285053		2484											410400
Seychelles																	30	15	149						169	62	
Sierra Leone																	8500									48800	
Singapore																										10	
Slovakia	1372	5194	5377	15449		4268	300	1073	3358				68020	31600	30200											65000	2697018
Slovenia	479	2356	7157	4981		1160	180						116406			64											1152686
Solomon Islands														780	640											16320	
Somalia														25800			920			9880						118600	
South Africa		892	210904	43109		4889						739	1441301	59253	23247	1796	37619	68717	151748					22119		55800	
Spain	1500	89026	982157	154490		325733	1980		100	280		2700	5614414	695147	1023080	61177		62606		8965			10311		34701	98000	4274240
Sri Lanka																	88882		47069							63000	
Sudan														140400	26240		190000		4950	250464						381400	
Suriname														2544						377							
Swaziland																				13364						3480	
Sweden		615		485		10740	104		596	100		100															
Switzerland		17771	273	9739		8237	1081	39	328			280	154943										306			3740	1340940
Syrian Arab Republic		51702	37576	35810	942								445429	272502	51456	43449				2994						74672	71011
Tajikistan			15260	9980									89500	85703												13140	200476
Tanzania, United Rep of													12800				188800		74800						48800	198400	
Thailand													37052	397000			1416291		2093647				118200	701800	267000		
Timor-Leste																	1782	475	13				362	895			
Togo																			510							20000	
Tokelau																									46		
Tonga													529												1500	1100	
Trinidad and Tobago													1848				443	320	3430							34290	
Tunisia			68600	13620	3000	7280					50	100	121600	343000	104200	26200				102200			10	55	74600	64300	
Turkey	113200	228000	411000	198000	18100	121200					15	63600	3510000	3873000	1847000	249600		286		9420					57600	16000	661200
Turkmenistan			4900	8600									137820	215600													461000
Tuvalu																									390		
Uganda																				1020						49800	
Ukraine		55020	25200	114420		28951	15657	6580	18156	1700	200	1960	348988	316320	43200											189860	31164720
United Arab Emirates													185	9375	73176	465	9674			525961						5450	
United Kingdom		920		9660		35200	10040	1620	10960			3660	1636													4062600	
United States of America	140619	193947	1376203	684775		785142	45268			102721	257082	22601	6092432	1777022	1217124	45802	2832	177982	305528	19779			28740	20865		6601	88404781
Uruguay			23027	3620									128377	14500	3440											3340	
Uzbekistan	3480	16920	42400	80900		1000			1000	500		1000	479240	455740		1000										25220	2480000
Vanuatu																									2750	4540	
Venezuela, Boliv Rep of			8600			6473							11511	222194	114471		123473	43689	278114				105592	24200	41000		
Viet Nam											98000		208943				175320		254860							2000000	
Wallis and Futuna Is															75		12		5						4400	100	
Western Sahara																											
Yemen			2253										155895	86195	35184	3516	19794			28609				65915	2364	16029	
Zambia																									72600	22200	
Zimbabwe			780	192	64	222	88		236			34	2480		232		820		106					34	770	2600	
Total	934289	1770325	12531350	8548286	374222	3045746	362871	174250	636089	195850	300249	481043	60514393	69288603	19440734	1086378	24135800	2439312	13619660	5733931	2108483	1608203	942329	5412553	13344102	22288589	404096136

Crop codes (FAOSTAT)	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720
Country	Sorghum for Forage+Silage	Rye Grass, Forage +Silage	Grasses nes, Forage+ Silage	Clover for Forage+Silage	Alfalfa for Forage+Silage	Green Oilseeds for Fodder	Leguminous nes, For+Sil	Cabbage for Fodder	Turnips for Fodder	Beets for Fodder	Carrots for Fodder	Swedes for Fodder	Vegetables+ Roots, Fodder	Coffee, Green	Cocoa Beans	Tea	Mate	Tea nes	Hops	Pepper, White /Long/Black	Pimento, Allspice	Vanilla	Cinnamon (Canela)	Cloves, Whole+Stems	Nutmeg, Mace, Cardamoms	Anise, Badian, Fennel	Ginger
Afghanistan																										5533	
Albania					1800000																						
Algeria				18600	41600					3700											7380						
American Samoa															1												
Angola														3960	180												
Antigua and Barbuda																											
Argentina	12969000		57629000	2746000	38700000											56548	288669		312		3120					2640	
Armenia			20000										5220														
Australia			17016000		3668000														1839								
Austria			280000	1977900	175814	430000				56109									324								
Azerbaijan, Republic of													194400			1547											
Bahamas																											
Bahrain					23000																						
Bangladesh																51577					106400						39200
Barbados																											
Belarus													3235160														
Belgium-Luxembourg				13600	30700					683351									599								
Belize														95	53												
Benin														190	100					150	14600						
Bermuda																											
Bhutan																											
Bolivia			256000		143925									24063	4164	3398					2000					5800	3100
Bosnia and Herzegovina				480000	534000					40576											27349						
Botswana																											
Brazil														1654572	229244	7144	472482			32392							
British Virgin Islands																											
Brunei Darussalam																				22							
Bulgaria			311000		1981600					37513									390		660						17000
Burkina Faso																											
Burundi														20522		6776											
Cambodia														294						2160	9440						
Cameroon														84499	122501	4187				70	6493						6659
Canada																										400	
Cape Verde																					900						
Cayman Islands																											
Central African Republic														12699	50						101						
Chad																											
Chile			925400	85000	2800000			24600																			
China														9465		689349			14900	17360	209400	590	34300	410		27350	203453
Cocos (Keeling) Islands																											
Colombia														649476	48145												
Comoros														96	25							146		2408			
Congo, Dem Republic of														51141	6567	2488					31000						
Congo, Republic of														1368	1538												
Cook Islands														8								1					
Costa Rica														146580	791					740							9205
Côte d'Ivoire														304765	1244448					100	14000						

Crop codes (FAOSTAT)	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720
Croatia				636840	789060					83200																	
Cuba														17400	2000												
Cyprus			58600		21869		95700																				
Czech Republic				3534280	3432200				21500	364230									6046		3000						
Denmark		1685677	2091263	10172482	365404					1634687																57	
Djibouti																					195						
Dominica														366	199								50		2		100
Dominican Republic														42851	46766												1340
Ecuador														114260	70820	1508										10	
Egypt				47220000																		45460				21700	
El Salvador														125705	420												
Equatorial Guinea														3440	4755												
Eritrea																											
Estonia			3896000										77524														
Ethiopia														226682		3211					204	113000			100	236	1530
Faeroe Islands																											
Fiji Islands														12	48						154						3049
Finland												1316000															
France	415000	29369160	18331110	1546330	13812140	1263640	1269560	1727695	57038	2212051			35740						1335								
French Guiana																											
French Polynesia														16								29					
Gabon														127	597												
Gambia																											
Georgia			40040										1980			37553			54	55						28	
Germany				8114120	1228340	39491400				2513200									30793								
Ghana														3834	388530					2100	22000						62
Greece	10400		2650000				7500000															300				470	
Grenada														1177							70		50	20	2660		
Guadeloupe														23								8					
Guam																											
Guatemala														272952	2362	450				402					16316	600	
Guinea														20555	5100												
Guinea-Bissau																											
Guyana														141	131												209
Haiti														28048	4400												
Honduras										1230				178339	2140						198				322		
Hungary			815297	28926	4498700		999448		186000				100000									48557				3000	
Iceland																											
India														258200	6200	832200				61400	953200				12700	110000	263340
Indonesia														542091	409960	161723				61639		1810	39260	66801	16488		119080
Iran, Islamic Rep of					15595200											58518						2540				21000	
Iraq				778000	236000		32300																				
Ireland								64000	178800	442800			120000						40								
Israel																											
Italy	290000		7158300	569340	26751020		6301040		48000	22000																	
Jamaica														2485	1325						10400						550
Japan	1579600		10688200				265000		49000				840			86460			697								
Jordan				51149	4																						
Kazakhstan													4200														
Kenya														68571		258899				340	5000	9		252	35	96	180
Kiribati																											
Korea, Dem People's Rep																			1520								
Korea, Republic of																1273			10								6263
Kuwait																											
Kyrgyzstan													4500								100	100					

Crop codes (FAOSTAT)	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720
Laos														19225		421					4480				2380		
Latvia			14160000										282280														
Lebanon					43700																					89	
Lesotho																											
Liberia														3080	1740												
Libyan Arab Jamahiriya																											
Liechtenstein																											
Lithuania			646000										1642260														
Macedonia,The Fmr Yug Rp				57300	442800		50060			5758																	
Madagascar														60522	4340	416				1603	3340	1564	1540	14820	10	10	30
Malawi														3970		42816				1180	1825	21			50	44	
Malaysia														15540	81622	5511				22514	1800			200	540		3100
Maldives																					6						
Mali																56				20	2900						
Malta							20400																				
Marshall Islands																											
Martinique														40							289						
Mauritania																											
Mauritius																1515											444
Mexico	3282663	599801	2692180	2200	16660545				7062	1966		208		317794	41145					2412	59493	321				32108	
Micronesia,Fed States of															33												
Moldova, Republic of			2577000										219641														
Mongolia			13989										630														
Montserrat																											
Morocco																					12400					23000	
Mozambique														840		5113											
Myanmar			4298396											1831		18978					39663						
Namibia																											
Nauru																											
Nepal			91500											60		4428					13160				4764		77942
Netherlands					254000					75696																200	
New Caledonia														49													
New Zealand	7020				1428000			766400	1244000	1198000		1008000							737								
Nicaragua														74277	270												
Niger																					400						
Nigeria														4000	318200						47500						91200
Niue																											
Norway		522487						7749	23894																		
Oman					579000																						
Pakistan																					143728						27
Palestine, Occupied Tr.				19806	60								25													84	
Panama														11319	658	127											
Papua New Guinea														74801	38200	7883											
Paraguay					57800									4128			65439										
Peru					5241774									139177	22261	7506		80			3130						
Philippines														125584	7511												28440
Poland							15543344						4883400						2492								
Portugal	360000												420000			26			81								
Puerto Rico														12672													
Qatar				243560																							
Réunion																370					730	33					197
Romania			3938000	2577800	7456080		6230000						1128520						248		28000					6900	
Russian Federation													3360000			2504			800							5360	
Rwanda														16472		14674											
Saint Helena																											

Crop codes (FAOSTAT)	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720
Saint Kitts and Nevis																											
Saint Lucia															25					240						25	60
Saint Pierre & Miquelon																											
Saint Vincent/Grenadines														166	173											117	
Samoa														9	460					6							
Sao Tome and Principe														36	3536								30				
Saudi Arabia					1791942																						
Senegal																					5000						
Serbia and Montenegro				2005200	3928280		103800			97620									718		6191						
Seychelles																247							349				
Sierra Leone														20880	11752						2500						
Singapore																											
Slovakia				334400	1989760					159400									304								
Slovenia				150600	139600				28748	64444	7581								2871		1284						
Solomon Islands															3032												
Somalia																											
South Africa					6169600											11696			290		10100						
Spain	169502	1206400	3372920	57263	12638000		1258000	159291	240995	152218	7484		240418						1364		10036					400	
Sri Lanka														10485	3658	288321				17260			12214	2400	2114		5378
Sudan																		170400			7410						
Suriname														12	12												
Swaziland																											
Sweden																											
Switzerland										257120									47								
Syrian Arab Republic			433881	6092	99516		139250																			13731	
Tajikistan			48988							7467			11583														
Tanzania, United Rep of														46828	2858	24300					6280			7107	690		
Thailand														76588	400	5440				6600	37000					27800	
Timor-Leste																					171						
Togo														13960	7620						2260				11		
Tokelau																											
Tonga														14								125					
Trinidad and Tobago														554	1283										133		34
Tunisia																					7000					9720	
Turkey					9435694		3752850			129400						159640					17400	91				20000	
Turkmenistan			809000										148600														
Tuvalu																											
Uganda																											
Ukraine										565640		7409800							599							1960	
United Arab Emirates			643095		271370																						
United Kingdom								430000	660000	704000									3400								
United States of America	3198320		109900000		295102202	16600000								3584					30234								7046
Uruguay																											
Uzbekistan													800000							100	3000						
Vanuatu														48	1301												
Venezuela, Boliv Rep of														74963	16474												
Viet Nam													439700	605220		64940				28700	75500		4205			2920	
Wallis and Futuna Is																											
Western Sahara																											
Yemen	921278		210941		902400									11212													
Zambia														2967		700				52	484						
Zimbabwe														9180		19506				1760	16160	10				100	
Total	23203584	33383525	266002100	83426949	481260838	57785040	43560752	3179735	2745117	11513377	15066	2324208	24766501	6835469	3176682	2978704	826590	170480	103044	264013	2211046	4800	91998	94417	65257	326746	899134

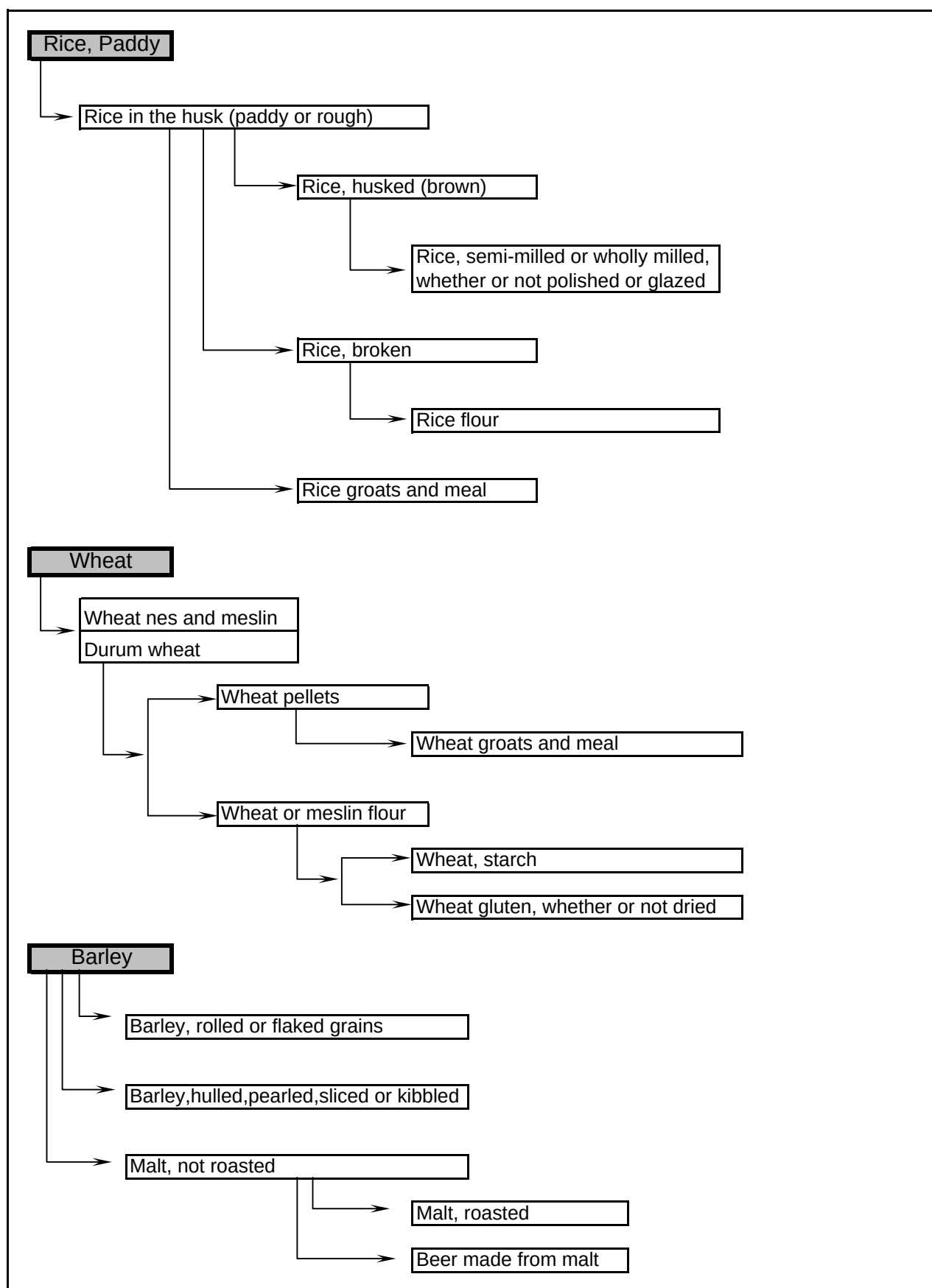
Crop codes (FAOSTAT)	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Country	Spices nes	Peppermint	Pyrethrum, Dried Flowers	Flax Fibre and Tow	Hemp Fibre and Tow	Jute	Jute-Like Fibres	Ramie	Sisal	Agave Fibres nes	Abaca (Manila Hemp)	Fibre Crops nes	Tobacco Leaves	Natural Rubber	Natural Gums
Afghanistan															
Albania													6471		
Algeria													7066		
American Samoa													1		
Angola							920		550				3420		
Antigua and Barbuda															
Argentina	1500	7400		1940								1520	113147		
Armenia													1840		
Australia													8184		
Austria													222		
Azerbaijan, Republic of	214												13669		
Bahamas															
Bahrain															
Bangladesh	46800					851948	1400					504	35151	3400	
Barbados															
Belarus				30200									1520		
Belgium-Luxembourg				8326									1264		
Belize															
Benin													597		
Bermuda															
Bhutan	3000					350							160		
Bolivia													952	11079	
Bosnia and Herzegovina													3876		
Botswana															
Brazil						1100	5902	1614	164663			97919	574963	74000	45
British Virgin Islands															
Brunei Darussalam														193	
Bulgaria													41553		
Burkina Faso	5600												438		
Burundi													493		
Cambodia						824						2500	7864	40959	
Cameroon						100							3560	55999	
Canada												65160	66121		
Cape Verde															
Cayman Islands															
Central African Republic							84		320				533	1000	
Chad													207		
Chile				2060	4029		10000					1530	10498		
China	59700			197135	16661	121300	93680	147398	32372			580	2807250	472663	
Cocos (Keeling) Islands															
Colombia										23794			28139		
Comoros	57														
Congo, Dem Republic of							5566						3774	6800	
Congo, Republic of													100	1240	
Cook Islands															
Costa Rica											1100		318		
Côte d'Ivoire	700												10440	116701	

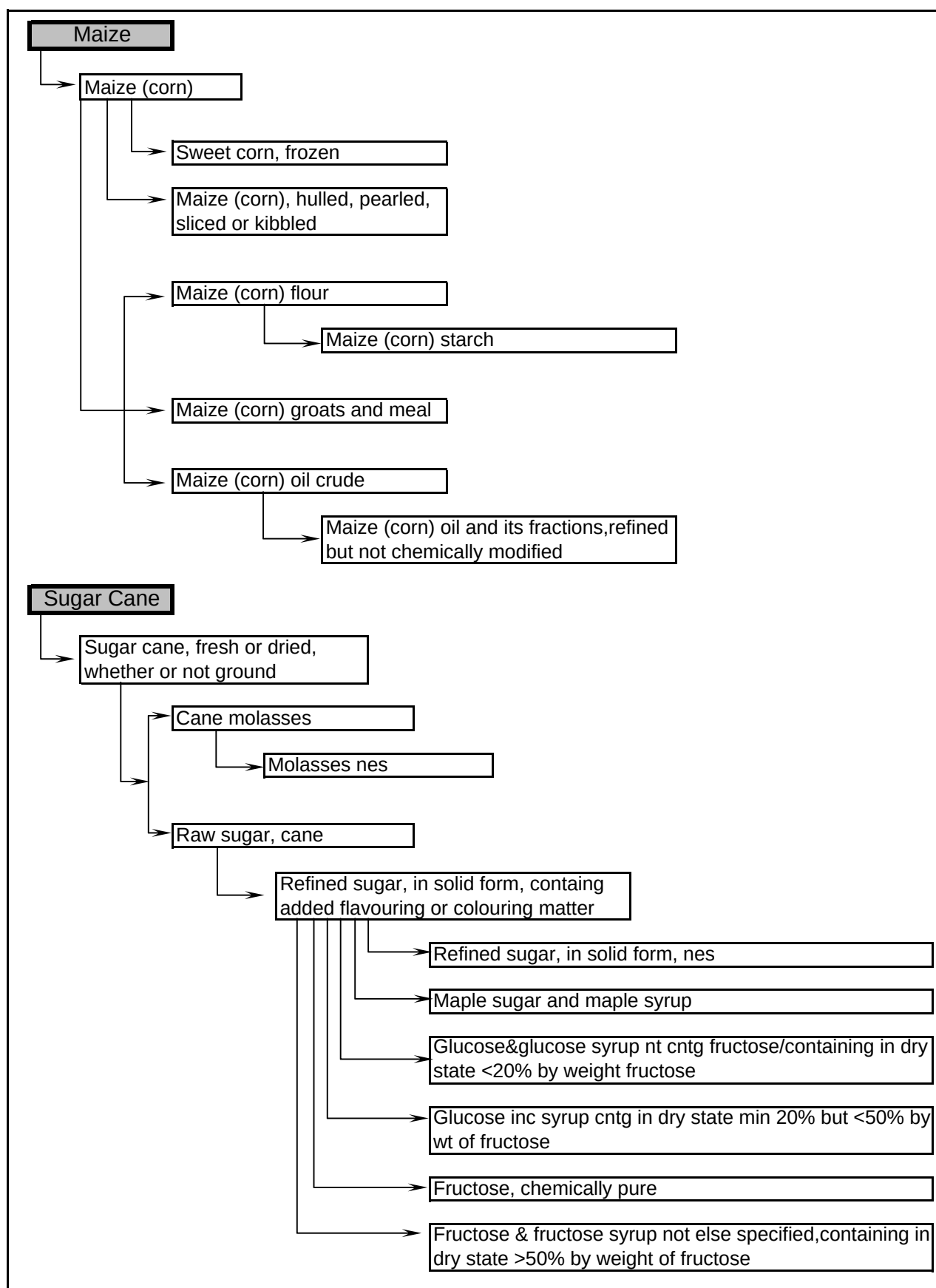
Crop codes (FAOSTAT)	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Croatia				1									10748		
Cuba							10000		6000	11500			32672		
Cyprus													348		
Czech Republic				13493											
Denmark															
Djibouti															
Dominica	7														
Dominican Republic	960								330				26067		
Ecuador	175		99							2244	24257		4233	3357	
Egypt				12282		2100									
El Salvador							4396			3461			1065		
Equatorial Guinea											500				
Eritrea	720														
Estonia				64											
Ethiopia	530						780		760			17600	3360		
Faeroe Islands															
Fiji Islands													264		
Finland															
France				70800	332								25322		
French Guiana															
French Polynesia															
Gabon														10820	
Gambia															
Georgia		38											1850		
Germany													10119		
Ghana													1693	10800	
Greece	40			130									137393		
Grenada	60														
Guadeloupe															
Guam															
Guatemala	220						382			147			18810	39597	
Guinea									130				1800		
Guinea-Bissau															
Guyana	324												90		500
Haiti									5684				540		
Honduras													4612		
Hungary	1000				941								11716		
Iceland															
India	799000					1728025	198576						602040	582943	
Indonesia	1500						6708		450		600		135930	1586781	
Iran, Islamic Rep of													22092		
Iraq													2370		
Ireland															
Israel															
Italy			240	450	233								129960		
Jamaica	893								300			200	1800		
Japan													63807		
Jordan													1826		
Kazakhstan													10050		
Kenya	1180		7868						19671		36		17428		
Kiribati															
Korea, Dem People's Rep					12000								62000		
Korea, Republic of					308								59830		
Kuwait	244														
Kyrgyzstan	114												28450		

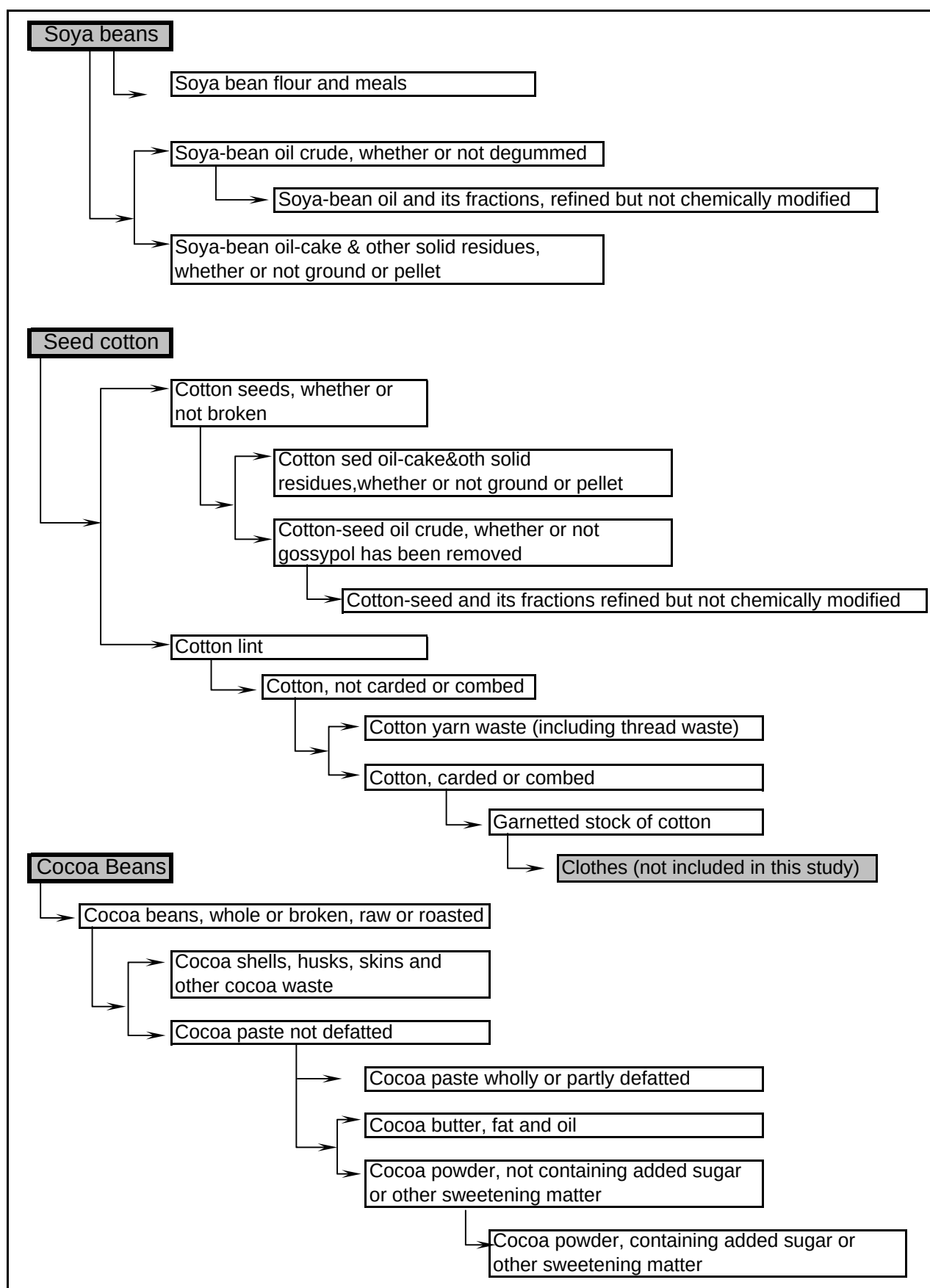
Crop codes (FAOSTAT)	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Laos								1460					29391		
Latvia				1274											
Lebanon	326												11786		
Lesotho															
Liberia														90840	
Libyan Arab Jamahiriya													1470		
Liechtenstein															
Lithuania				5260											
Macedonia, The Fmr Yug Rp													25945		
Madagascar	34						612		17446			8300	1859		
Malawi	570								94				109687		
Malaysia													9252	757354	
Maldives															
Mali							1300						556		
Malta															
Marshall Islands															
Martinique															
Mauritania															
Mauritius	200											84	653		
Mexico	2033								52059	9340			43452	22181	22281
Micronesia, Fed States of															
Moldova, Republic of													22388		
Mongolia															
Montserrat															
Morocco	3000	54894	200						2200			200	7097		
Mozambique							4200		840				5554		
Myanmar						36242	30					156	48338	27643	
Namibia															
Nauru															
Nepal	13581					15261							4147		
Netherlands				27618											
New Caledonia															
New Zealand												2900			
Nicaragua									4060				2211		
Niger	4840												2826		
Nigeria	4000						900					20	9200	112400	
Niue															
Norway															
Oman													1284		
Pakistan	43113					24	2020						98367		
Palestine, Occupied Tr.	1798												195		
Panama													2011		
Papua New Guinea	268		770											6017	
Paraguay													11128		
Peru	1394					261							13169		
Philippines								1500		4000	72058	1700	55231	70460	
Poland				5480	70								33434		
Portugal													6081		
Puerto Rico													2		
Qatar															
Réunion												260	20		
Romania				900	6040								14285		
Russian Federation				38000	4360		45600						962		
Rwanda	70		960										3720		
Saint Helena															

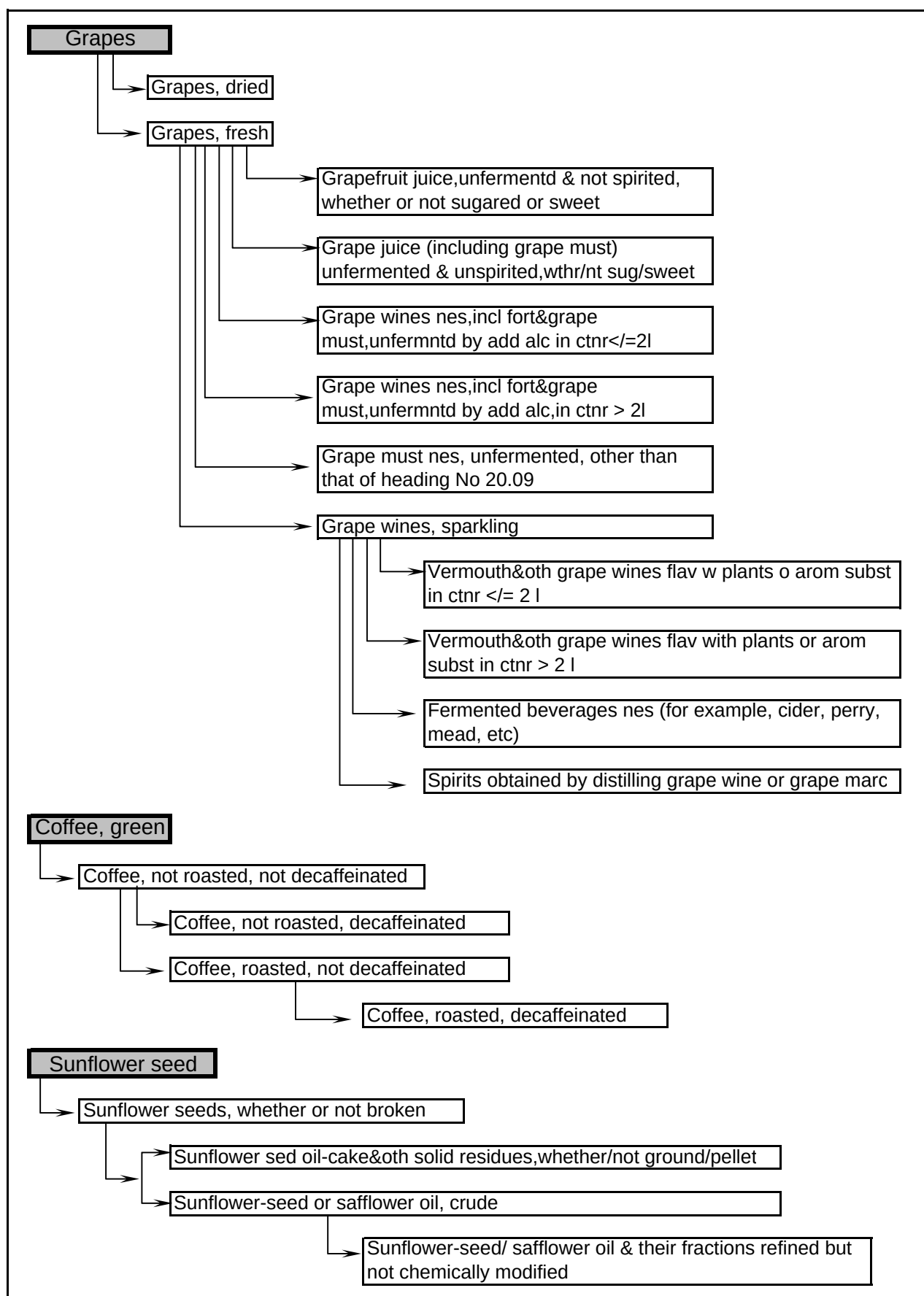
Crop codes (FAOSTAT)	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Saint Kitts and Nevis															
Saint Lucia	130														
Saint Pierre & Miquelon															
Saint Vincent/Grenadines	599												85		
Samoa	100											600	140		
Sao Tome and Principe															
Saudi Arabia															
Senegal															
Serbia and Montenegro					181								13315		
Seychelles															
Sierra Leone	1000											4500	96		
Singapore															
Slovakia				700									1525		
Slovenia															
Solomon Islands	154												85		
Somalia													92		
South Africa							1100		1926			3100	30342		
Spain	2500	604		42413	14343								43051		
Sri Lanka	4576												6993	94391	
Sudan						3250									
Suriname															
Swaziland													40		
Sweden															
Switzerland													1234		
Syrian Arab Republic													23640		
Tajikistan													6919		
Tanzania, United Rep of			1560						21960			9840	35942		
Thailand	2600					4800	51288		38			940	72840	2266334	
Timor-Leste															
Togo	200												1840		
Tokelau															
Tonga	250														
Trinidad and Tobago													55		
Tunisia	2180		200										3320		
Turkey	27554			14	1264								225101		
Turkmenistan													3176		
Tuvalu															
Uganda													17160		
Ukraine				8800	1200								3000		
United Arab Emirates													624		
United Kingdom				27000											
United States of America													599150		
Uruguay													2700		
Uzbekistan						19800							19880		
Vanuatu	110														
Venezuela, Boliv Rep of									11023				10291		
Viet Nam						14440						69840	31040	246420	
Wallis and Futuna Is	4												18		
Western Sahara															
Yemen													11303		
Zambia	4100												4716		
Zimbabwe	640												218437		
Total	1046463	62936	11897	494420	61962	2800765	445445	151972	338816	58546	98551	289953	7147923	6712513	22826

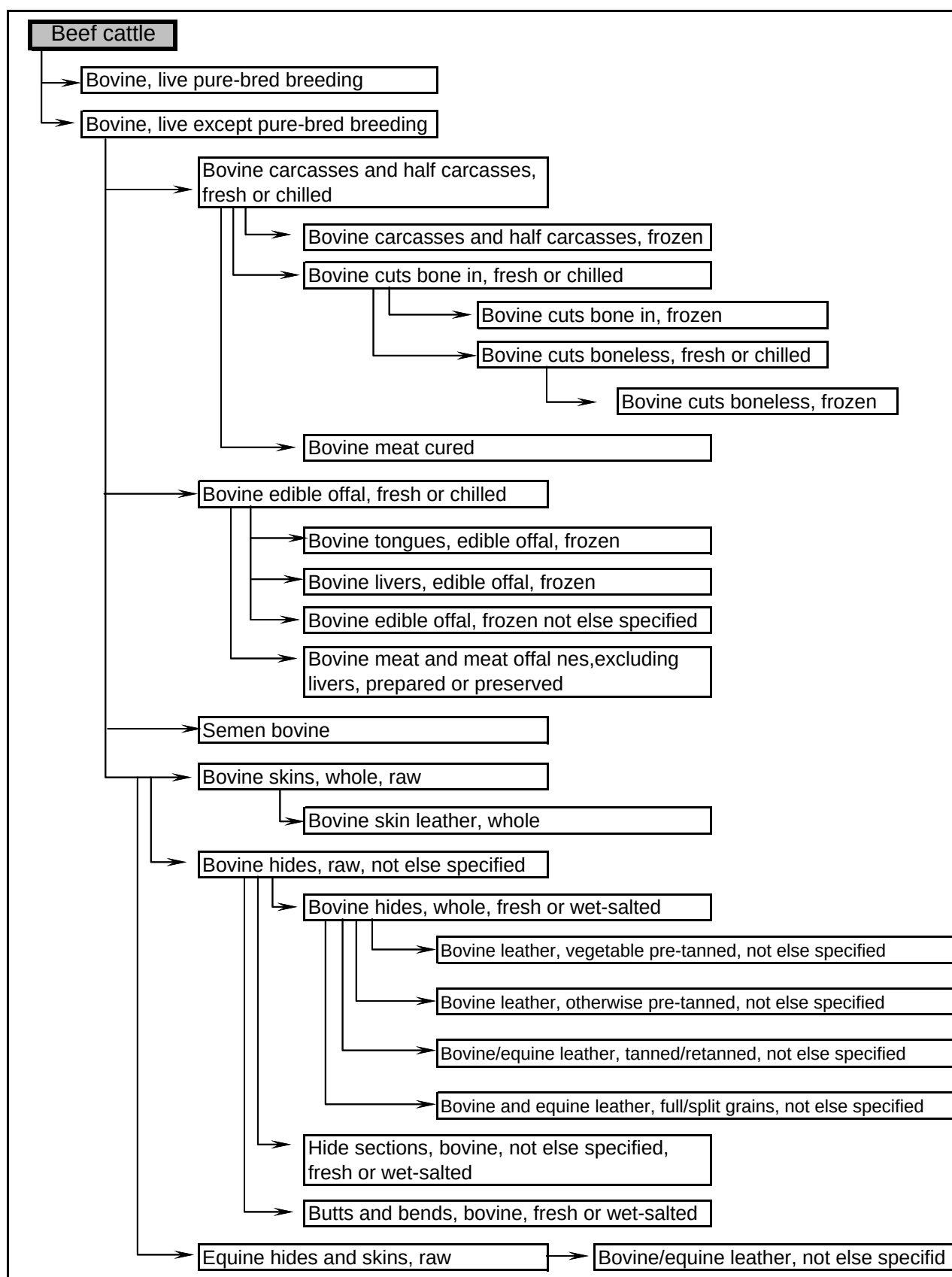
Appendix IX. Selected set of product trees for crop and livestock products

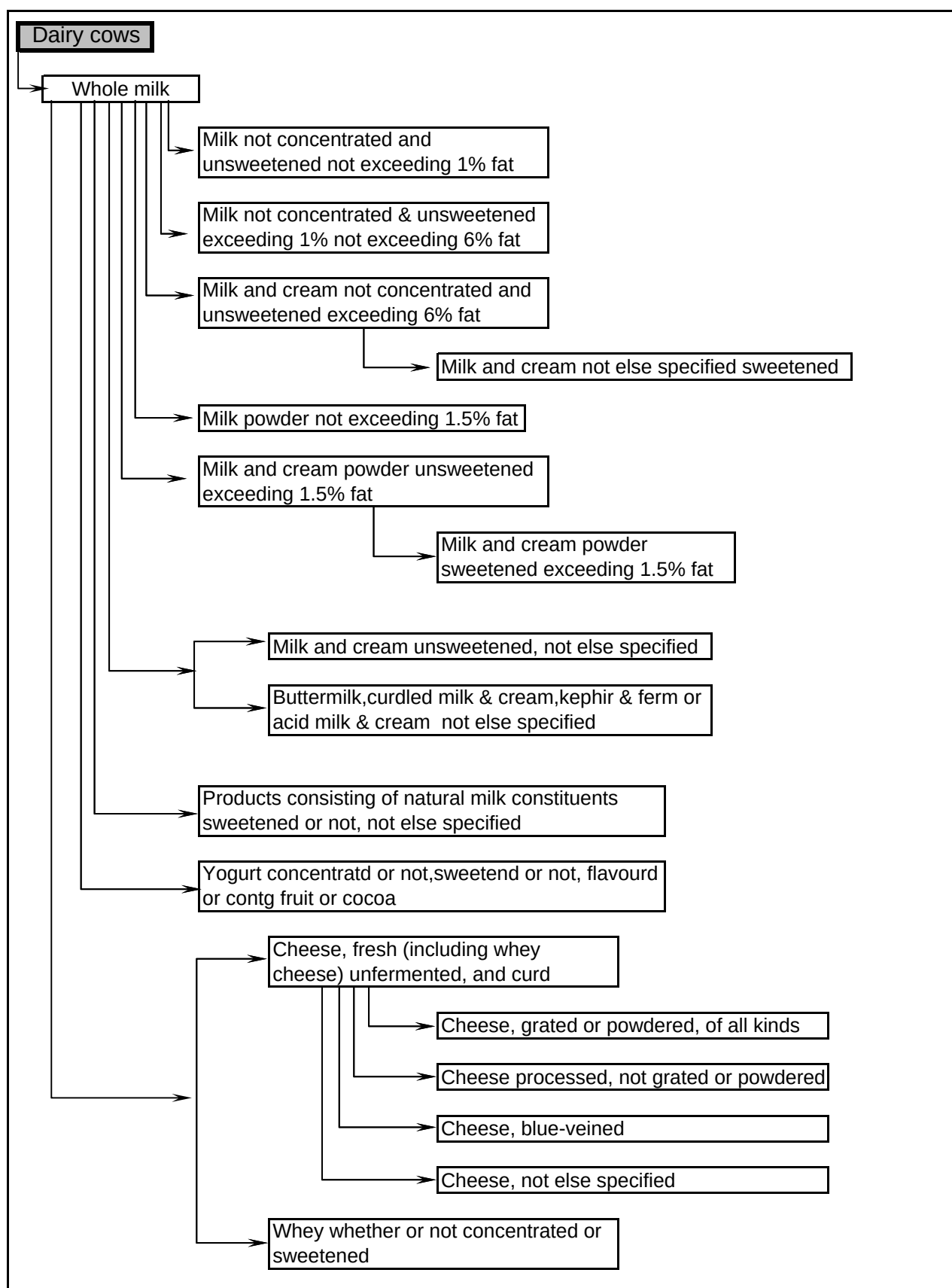


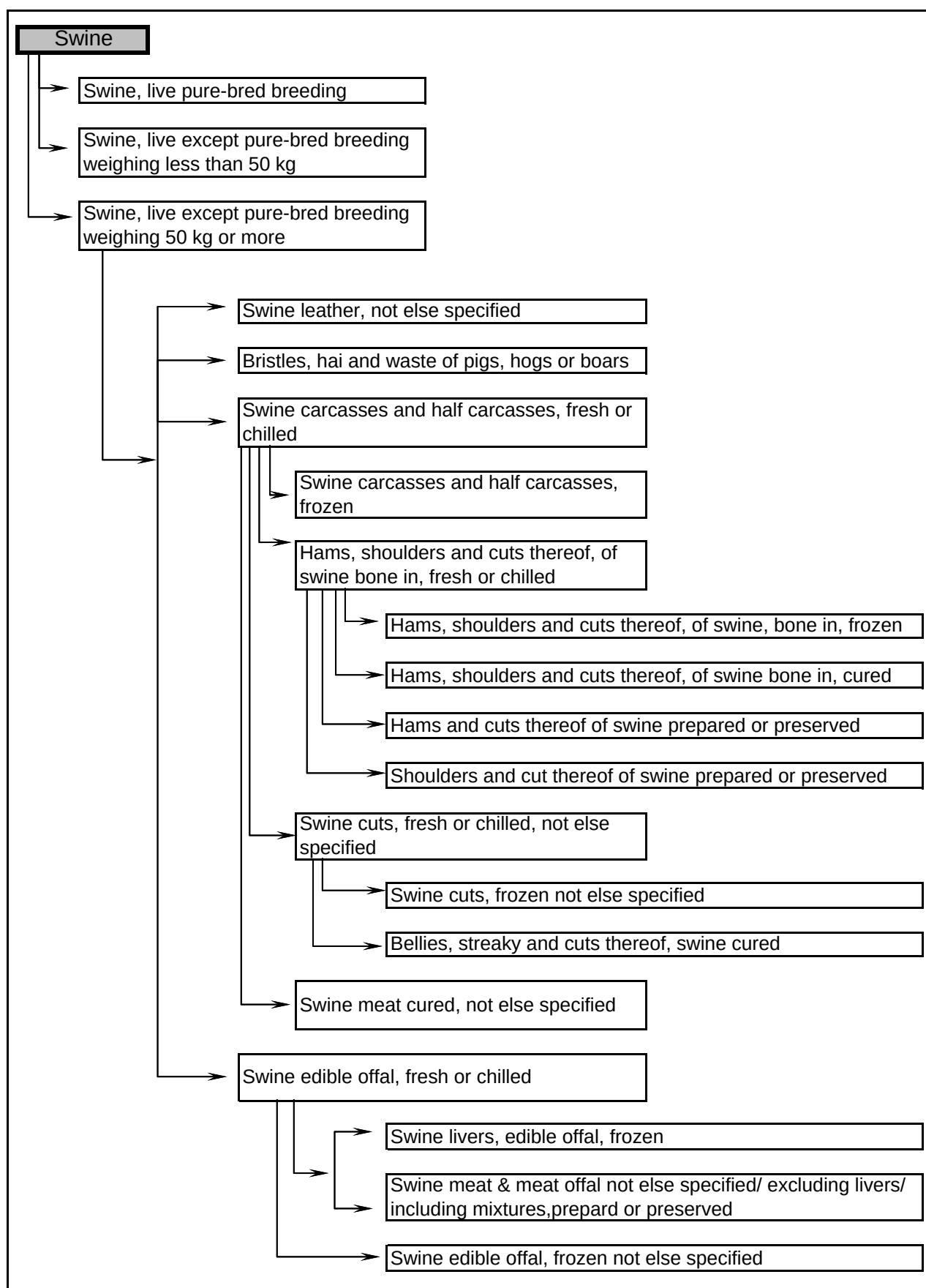


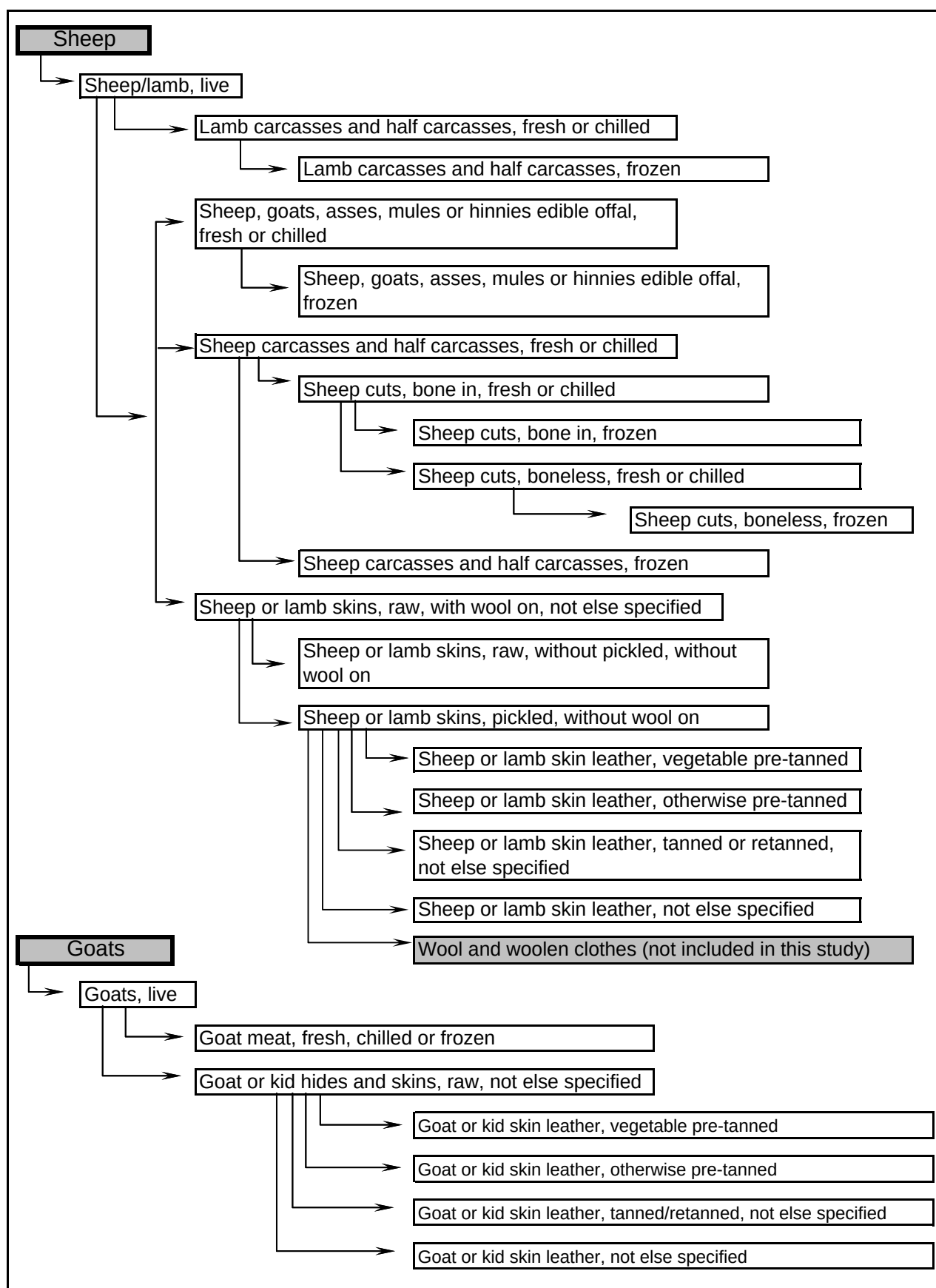


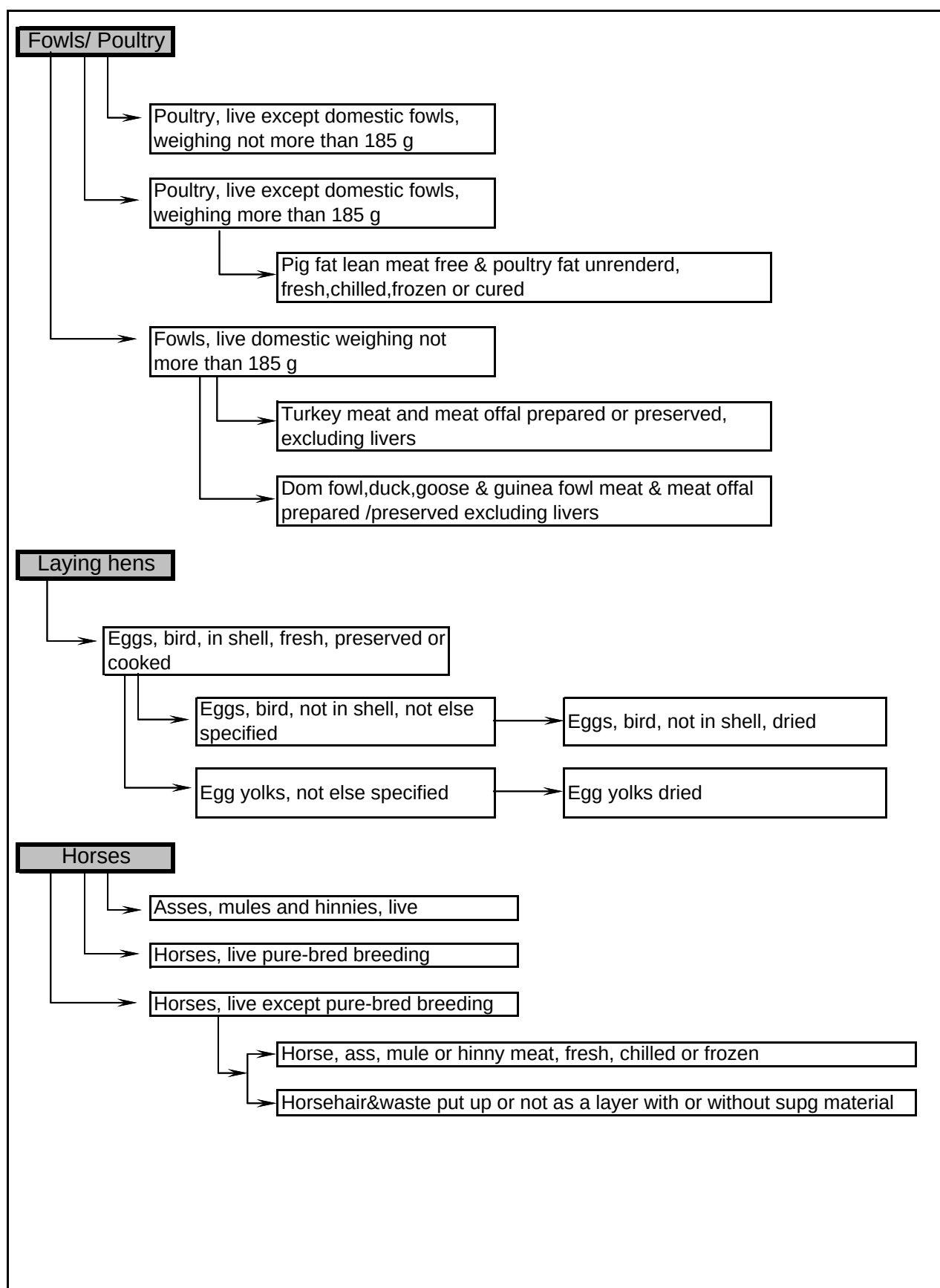












Appendix X. Product fractions and value fractions of crop and livestock products

Product code	Product description (PC-TAS)	FAOSTAT crop code / animal type	Root product	Process water requirement (m ³ /ton of root product)	Product fraction (ton/ton of root product)	Value fraction (vf)
110100	Wheat or meslin flour	15	100110		0.79	0.89
110321	Wheat pellets	15	100110		0.18	0.11
110811	Wheat, starch	15	110100		0.85	0.64
110900	Wheat gluten, whether or not dried	15	110100		0.15	0.36
110311	Wheat groats and meal	15	110321		1.00	1.00
100110	Durum wheat	15			1.00	1.00
100190	Wheat nes and meslin	15			1.00	1.00
100640	Rice, broken	27	100610		0.67	1.00
110314	Rice groats and meal	27	100610		0.75	1.00
100630	Rice, semi-milled or wholly milled, whether or not polished or glazed	27	100620		0.90	1.00
110230	Rice flour	27	100640		0.95	1.00
100610	Rice in the husk (paddy or rough)	27			1.00	1.00
100620	Rice, husked (brown)	27			0.77	1.00
110411	Barley, rolled or flaked grains	44	100300		0.72	1.00
110421	Barley,hulled,pearled,sliced or kibbled	44	100300		0.72	1.00
110710	Malt, not roasted	44	100300		0.73	1.00
110720	Malt, roasted	44	110710		0.80	1.00
220300	Beer made from malt	44	110710		6.55	1.00
100300	Barley	44			1.00	1.00
071040	Sweet corn, frozen	56	100590		0.35	1.00
110220	Maize (corn) flour	56	100590		0.82	0.85
110313	Maize (corn) groats and meal	56	100590		0.11	0.09
110423	Maize (corn), hulled, pearled, sliced or kibbled	56	100590		0.93	1.00
151521	Maize (corn) oil crude	56	100590		0.03	0.06
110812	Maize (corn) starch	56	110220		0.75	1.00
151529	Maize (corn) oil and its fractions,refined but not chemically modified	56	151521		0.98	1.00
100590	Maize (corn) nes	56			1.00	1.00
110210	Rye flour	71	100200		0.80	1.00
100200	Rye	71			1.00	1.00
110312	Oat groats and meal	75	100400		0.20	0.16
110412	Oats, rolled or flaked grains	75	100400		0.53	0.84
110422	Oats, hulled,pearled,sliced or kibbled	75	100400		0.73	1.00
100400	Oats	75			1.00	1.00
100820	Millet	79			1.00	1.00
100700	Grain sorghum	83			1.00	1.00
100810	Buckwheat	89			1.00	1.00
100830	Canary seed	101			1.00	1.00
110290	Cereal flour nes	108	100890		0.79	0.82
110329	Cereal pellets nes	108	100890		0.18	0.17
110419	Cereals, rolled or flaked grains nes	108	100890		0.85	1.00
110429	Cereals, hulled, pearled, sliced or kibbled nes	108	100890		0.85	1.00
110430	Germ of cereals, whole, rolled, flaked or ground	108	100890		0.02	0.02
110319	Cereal groats and meal nes	108	110329		1.00	1.00
100890	Cereals unmilled nes	108			1.00	1.00
071010	Potatoes, frozen	116	070190		0.50	1.00
110510	Potato flour and meal	116	070190		0.20	1.00
110520	Potato flakes	116	070190		0.28	1.00
110813	Potato starch	116	070190		0.19	1.00
070190	Potatoes, fresh or chilled nes	116			1.00	1.00
071420	Sweet potatoes, fresh or dried, whether or not sliced or pelleted	122			1.00	1.00
110814	Manioc (cassava) starch	125	071410		0.25	1.00
071410	Manioc (cassava), fresh or dried, whether or not sliced or pelleted	125			1.00	1.00
110620	Flour&meal of sago&of roots or tubers with hi starch or inulin content	149	070690		0.25	1.00
070690	Salad beetroot,salsif,celeriac,radish&sim edibl roots,fresh/chilld nes	149			1.00	1.00
170111	Raw sugar, cane	156	121292		0.11	0.90
170310	Cane molasses	156	121292		0.05	0.10
170191	Refined sugar,in solid form,containg added flavourg or colourg matter	156	170111		0.94	1.00
170199	Refined sugar, in solid form, nes	156	170191		1.00	1.00
170220	Maple sugar and maple syrup	156	170191		1.00	1.00

Product code	Product description (PC-TAS)	FAOSTAT crop code / animal type	Root product	Process water requirement (m ³ /ton of root product)	Product fraction (ton/ton of root product)	Value fraction (vf)
170230	Glucose&glucose syrup nt cntg fruct/cntg in dry state <20% by wt fruct	156	170191		1.00	1.00
170240	Glucose inc syrup cntg in dry state min 20% but <50% by wt of fructose	156	170191		1.00	1.00
170250	Fructose, chemically pure	156	170191		1.00	1.00
170260	Fructose&fructose syrup nes,cntg in dry state >50% by wght of fructose	156	170191		1.00	1.00
170390	Molasses nes	156	170310		1.00	1.00
121292	Sugar cane, fresh or dried, whether or not ground	156			1.00	1.00
170112	Raw sugar, beet	157	121291		0.14	1.00
121291	Sugar beet, fresh or dried, whether or not ground	157			1.00	1.00
170290	Sugar nes, including invert sugar	161			0.10	1.00
110610	Flour and meal of the dried leguminous vegetables of heading No 07.13	176	071332		0.72	1.00
071332	Beans,small red (Adzuki) dried,shelled,whether or not skinned or split	176			1.00	1.00
071333	Kidney beans&white pea beans drid shelld,whether o not skinnd o split	176			1.00	1.00
071339	Beans dried, shelled, whether or not skinned or split, nes	176			1.00	1.00
071350	Broad beans&horse beans dried,shelled,whether or not skinned or split	181			1.00	1.00
071310	Peas dried, shelled, whether or not skinned or split	187			1.00	1.00
071320	Chickpeas, dried, shelled, whether or not skinned or split	191			1.00	1.00
071340	Lentils dried, shelled, whether or not skinned or split	201			1.00	1.00
071331	Urd,mung,black/green gram beans drid shelld,whether/not skinnd/split	211			1.00	1.00
080240	Chestnuts, fresh or dried, whether or not shelled or peeled	220			1.00	1.00
080212	Almonds,fresh or dried,shelled or peeled	221	080211		0.50	1.00
080211	Almonds in shell fresh or dried	221			1.00	1.00
080232	Walnuts, fresh or dried, shelled or peeled	222	080231		0.53	1.00
080231	Walnuts in shell, fresh or dried	222			1.00	1.00
080250	Pistachios, fresh or dried, whether or not shelled or peeled	223			1.00	1.00
080222	Hazelnuts or filberts, fresh or dried, shelled or peeled	225	080221		0.50	1.00
080221	Hazelnuts or filberts in shell fresh or dried	225			1.00	1.00
080290	Nuts edible, fresh or dried, whether or not shelled or peeled, nes	234			1.00	1.00
120810	Soya bean flour and meals	236	120100		0.85	1.00
150710	Soya-bean oil crude, whether or not degummed	236	120100		0.18	0.34
230400	Soya-bean oil-cake&oth solid residues,whether or not ground or pellet	236	120100		0.79	0.66
150790	Soya-bean oil and its fractions, refined but not chemically modified	236	150710		0.98	1.00
120100	Soya beans	236			1.00	1.00
120220	Ground-nuts shelld,whether or not broken,not roastd or otherwise cookd	242	120210		0.70	1.00
150810	Ground-nut oil, crude	242	120220		0.43	0.78
230500	Ground-nut oil-cake&oth solid residues,whether or not ground or pellet	242	120220		0.54	0.22
150890	Ground-nut oil and its fractions refined but not chemically modified	242	150810		0.98	1.00
120210	Ground-nuts in shell not roasted or otherwise cooked	242			1.00	1.00
151311	Coconut (copra) oil crude	249	120300		0.36	0.63
230650	Coconut/copra oil-cake&oth solid residues,whether/not ground/pellet	249	120300		0.61	0.37
120300	Copra	249	120300a		0.60	1.00
151319	Coconut (copra) oil&its fractions refined but not chemically modified	249	151311		0.98	1.00
530511	Coconut (coir) fibre, raw	249	530519		0.75	1.00
120300a	Coconut (without husk)	249			1.00	0.47
530519	Coconut (coir) fibre,processd nt spun,tow,noils&waste of coconut fib	249			0.50	0.46
151321	Palm kernel or babassu oil, crude	254	120710		0.46	0.42
230660	Palm nut/kernel oil-cake&oth solid residues,whether/not ground/pellet	254	120710		0.52	0.58
120710	Palm nuts and kernels, whether or not broken	254	120710a		0.06	0.07
151110	Palm oil, crude	254	120710a		0.19	0.93
151190	Palm oil and its fractions refined but not chemically modified	254	151110		0.98	1.00
151329	Palm kernel/babassu oil their fract,refind but not chemically modifid	254	151321		0.98	1.00
120710a	Oil palm fruit	254			1.00	1.00
150910	Olive oil, virgin	260	071120		0.20	0.96
151000	Oils&thr fract nes obt from olives,ref'd/not,not chem mod,incl blends	260	071120		0.02	0.04
150990	Olive oil and its fractions refined but not chemically modified	260	150910		0.98	1.00
071120	Olives,provisionally preservd but nt suitable f immediate consumption	260			1.00	1.00
120792	Shea nuts (karite nuts), whether or not broken	263			1.00	1.00
151530	Castor oil&its fractions,whether/not refind,but not chemically modifid	265	120730		0.40	1.00
120730	Castor oil seeds, whether or not broken	265			1.00	1.00
151211	Sunflower-seed or safflower oil, crude	267	120600		0.41	0.81
230630	Sunflower sed oil-cake&oth solid residues,whether/not ground/pellet	267	120600		0.47	0.19
151219	Sunflower-sed/safflower oil&their fractions refind but nt chem modifid	267	151211		0.98	1.00
120600	Sunflower seeds, whether or not broken	267			1.00	1.00

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151410	Rape, colza or mustard oil crude	270	120500		0.38	0.67
230640	Rape/colza seed oil-cake&other solid residues,whether/not ground/pellet	270	120500		0.60	0.33
151490	Rape,colza or mustard oil&their fractions,refined but not chemically modified	270	151410		0.98	1.00
120500	Rape or colza seeds, whether or not broken	270			1.00	1.00
151560	Jobba oil&its fractions whether/not refined,but not chemically modified	277			1.00	1.00
120760	Safflower seeds, whether or not broken	280			1.00	1.00
151550	Sesame oil&its fractions whether/not refined,but not chemically modified	289	120740		0.43	1.00
120740	Sesamum seeds, whether or not broken	289			1.00	1.00
120750	Mustard seeds, whether or not broken	292			1.00	1.00
120791	Poppy seeds, whether or not broken	296			1.00	1.00
151221	Cotton-seed oil crude, whether or not gossypol has been removed	328	120720		0.16	0.49
230610	Cotton seed oil-cake&other solid residues,whether or not ground or pellet	328	120720		0.51	0.51
120720	Cotton seeds, whether or not broken	328	120720a		0.63	0.21
120720b	Cotton lint	328	120720a		0.35	0.79
520100	Cotton, not carded or combed	328	120720b		0.95	1.00
151229	Cotton-seed and its fractions refined but not chemically modified	328	151221		1.00	1.00
520210	Cotton yarn waste (including thread waste)	328	520100		0.05	0.03
520300	Cotton, carded or combed	328	520100		0.95	0.97
520291	Garnetted stock of cotton	328	520300		1.00	1.00
120720a	Seed cotton	328			1.00	1.00
151511	Linseed oil, crude	333	120400		0.35	0.61
230620	Linseed oil-cake&other solid residues,whether or not ground or pellet	333	120400		0.63	0.39
151519	Linseed oil and its fractions, refined but not chemically modified	333	151511		0.98	1.00
120400	Linseed, whether or not broken	333			1.00	1.00
120890	Flours and meals of oil seeds or oleaginous fruits,except mustard,sesame	339	120799		0.80	1.00
120799	Oil seeds and oleaginous fruits, whether or not broken	339			1.00	1.00
070490	Cabbages,kohlrabi,kale and similar edible brassicas,whether fresh or chilled	358			1.00	1.00
070910	Globe artichokes, fresh or chilled	366			1.00	1.00
070920	Asparagus, fresh or chilled	367			1.00	1.00
070511	Cabbage lettuce (head lettuce) fresh or chilled	372			1.00	1.00
070519	Lettuce, fresh or chilled, whether or not broken	372			1.00	1.00
071030	Spinach, N-Z spinach and orache spinach (garden spinach), frozen	373	070970		0.35	1.00
070970	Spinach,N-Z spinach & orache spinach (garden spinach),fresh or chilled	373			1.00	1.00
200950	Tomato juice unfermented¬ spirited,whether or not sugared or sweet	388	070200		0.80	1.00
070200	Tomatoes, fresh or chilled	388			1.00	1.00
070410	Cauliflowers and headed broccoli, fresh or chilled	393			1.00	1.00
070420	Brussels sprouts, fresh or chilled	393			1.00	1.00
070700	Cucumbers and gherkins, fresh or chilled	397			1.00	1.00
071140	Cucumbers&gherkins provisionally preserved,but not for immediate consumption	397			0.95	1.00
070930	Aubergines(egg-plants), fresh or chilled	399			1.00	1.00
070960	Peppers of the genus Capsicum or of the genus Pimenta,fresh or chilled	401			1.00	1.00
090920	Coriander seeds	401			0.30	1.00
070310	Onions and shallots, fresh or chilled	402			1.00	1.00
071110	Onions,provisionally preserved but not suitable for immediate consumption	403	071220		0.95	1.00
071220	Onions dried but not further prepared	403			1.00	1.00
070320	Garlic, fresh or chilled	406			1.00	1.00
070390	Leeks and other alliaceous vegetables, fresh or chilled	407			1.00	1.00
071022	Beans, frozen	414	070820		0.70	1.00
070820	Beans, shelled or unshelled, fresh or chilled	414			1.00	1.00
071021	Peas, frozen	417	070810		0.70	1.00
070810	Peas, shelled or unshelled, fresh or chilled	417			1.00	1.00
070610	Carrots and turnips, fresh or chilled	426			1.00	1.00
070940	Celery, other than celeriac, fresh or chilled	426			1.00	1.00
071080	Vegetables, frozen, whether or not broken	463	070990		0.70	1.00
071090	Mixtures of vegetables, frozen	463	070990		1.00	1.00
071190	Vegetables,whether or not broken&mixtures provisionally preserved but not for immediate consumption	463	070990		0.95	1.00
071290	Vegetables and mixtures dried, but not further prepared, whether or not broken	463	070990		0.35	1.00
121299	Vegetable products,whether or not broken,used primarily for human consumption	463	070990		1.00	1.00
070990	Vegetables, fresh or chilled, whether or not broken	463			1.00	1.00
080300	Bananas including plantains, fresh or dried	486			1.00	1.00
200911	Orange juice,unfermented¬ spirited,whether/not sugared/sweet,frozen	490	080510		0.55	1.00
200919	Orange juice,whether or not broken,unfermented¬ spirited,whether or not sugared or sweet	490	080510		0.55	1.00

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080510	Oranges, fresh or dried	490			1.00	1.00
080520	Mandarins(tang&sats)clementines&wilks &sim citrus hybrids,fresh/drid	495			1.00	1.00
080530	Lemons and limes, fresh or dried	497			1.00	1.00
080540	Grapefruit, fresh or dried	507			1.00	1.00
081400	Peel of citrus fruit/melons (watermelons) fresh,frz,drid/prov presvd	512	080590		0.25	0.34
200930	Citrus fruit juice nes exc mx unferment unspirtd,wthr/nt sug/sweet	512	080590		0.55	0.66
200980	Fruit&veg juice nes (exc mx) unferment unspirtd,whether/not sug/sweet	512	200930		1.00	1.00
200990	Mixtures of juices unfermentd¬ spirtd whether o not sugard o sweet	512	200930		1.00	1.00
080590	Citrus fruits, fresh or dried, nes	512			1.00	1.00
081330	Apples, dried	515	080810		0.12	1.00
200970	Apple juice unfermented¬ spirtd whether or not sugard o sweetend	515	080810		0.72	1.00
080810	Apples, fresh	515			1.00	1.00
080820	Pears and quinces, fresh	521			1.00	1.00
081310	Apricots, dried	526	080910		0.29	1.00
080910	Apricots, fresh	526			1.00	1.00
081210	Cherries provisionally preservd but unsuitable f immediate consumption	531	080920		0.95	1.00
080920	Cherries, fresh	531			1.00	1.00
080930	Peaches, including nectarines, fresh	534			1.00	1.00
080940	Plums and sloes, fresh	536			1.00	1.00
081320	Prunes, dried	536			0.35	1.00
081350	Mixtures of edible nuts or dried fruits of this chapter	541			1.00	1.00
121230	Apricot,peach/plum stones&kernels nes,usd primly f human consumption	541			1.00	1.00
081110	Strawberries,uncookd o steamd o boild in water,sweetend o not,frozen	544	081010		0.95	1.00
081220	Strawberries provis preservd but unsuitable f immediate consumption	544	081010		0.95	1.00
081010	Strawberries, fresh	544			1.00	1.00
081120	Raspberries,mulberries,etc uncook,steam/boil in water sweetend/nt,froz	547	081020		0.95	1.00
081020	Raspberries, blackberries, mulberries and loganberries, fresh	547			1.00	1.00
081030	Black, white or red currants and gooseberries, fresh	550			1.00	1.00
081040	Cranberries, bilberries and other fruits of the genus Vaccinium, fresh	554			1.00	1.00
080620	Grapes, dried	560	080610		0.25	1.00
200920	Grapefruit juice,unfermentd¬ spirtd,whether or not sugard or sweet	560	080610		0.75	1.00
200960	Grape juice (incl grape must) unferment&unspirtd,wthr/nt sug/sweet	560	080610		0.75	1.00
220410	Grape wines, sparkling	560	080610		0.70	1.00
220421	Grape wines nes,incl fort&grape must,unfermntd by add alc in ctrn<=2l	560	080610		0.86	1.00
220429	Grape wines nes,incl fort&grape must,unfermntd by add alc,in ctrn > 2l	560	080610		0.86	1.00
220430	Grape must nes, unfermented, other than that of heading No 20.09	560	080610		0.86	1.00
220510	Vermouth&oth grape wines flav w plants o arom subst in ctrn <= 2 l	560	220410		1.00	1.00
220590	Vermouth&oth grape wines flav with plants or arom subst in ctrn > 2 l	560	220410		1.00	1.00
220600	Fermented beverages nes (for example, cider, perry, mead, etc)	560	220410		1.00	1.00
220820	Spirits obtained by distilling grape wine or grape marc	560	220410		1.00	1.00
080610	Grapes, fresh	560			1.00	1.00
080420	Figs, fresh or dried	569			1.00	1.00
080450	Guavas, mangoes and mangosteens, fresh or dried	571			1.00	1.00
080440	Avocados, fresh or dried	572			1.00	1.00
200940	Pineapple juice,unfermented¬ spirtd,whether or not sugard o sweet	574	080430		0.20	1.00
080430	Pineapples, fresh or dried	574			1.00	1.00
080410	Dates, fresh or dried	577			1.00	1.00
080720	Papaws (papayas), fresh	600			1.00	1.00
081340	Fruits, dried nes	619	081090		0.25	1.00
081090	Fruits, fresh nes	619			1.00	1.00
121410	Lucerne (alfalfa) meal and pellets	641			1.00	1.00
071029	Leguminous vegetables frozen nes	643	070890		0.75	1.00
071390	Leguminous vegetables dried,shelled,whether or not skinnd or split,nes	643	070890		0.75	1.00
070890	Leguminous vegetables, shelled or unshelled, fresh or chilled nes	643			1.00	1.00
121490	Swedes,mangold,fodder root,hay,clvoer,sainfoin,forag kale,etc	649			1.00	1.00
090112	Coffee, not roasted, decaffeinated	656	090111		1.00	1.00
090121	Coffee, roasted, not decaffeinated	656	090111		0.84	1.00
090122	Coffee, roasted, decaffeinated	656	090112		0.84	1.00
090111	Coffee, not roasted, not decaffeinated	656			1.00	1.00
180200	Cocoa shells, husks, skins and other cocoa waste	661	180100		0.20	0.02
180310	Cocoa paste not defatted	661	180100		0.80	0.98
180320	Cocoa paste wholly or partly defatted	661	180310		1.00	1.00

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180400	Cocoa butter, fat and oil	661	180310		0.47	0.72
180500	Cocoa powder, not containing added sugar or other sweetening matter	661	180310		0.53	0.28
180610	Cocoa powder, containing added sugar or other sweetening matter	661	180500		1.00	1.00
180100	Cocoa beans, whole or broken, raw or roasted	661			1.00	1.00
090210	Green tea (not fermented) in packages not exceeding 3 kg	667	090230		3.88	1.00
090220	Green tea (not fermented) in packages exceeding 3 kg	667	090230		3.88	1.00
090240	Black tea (fermented) & partly fermented tea in packages exceedg 3 kg	667	090230		1.00	1.00
090230	Black tea (fermented)&partly fermentd tea in packages not exceedg 3 kg	667			1.00	1.00
121020	Hop cones, ground, powdered or pelleted and lupulin	677	121010		1.00	1.00
130213	Hop extract	677	121010		0.25	1.00
121010	Hop cones, not ground, powdered or pelleted	677			1.00	1.00
090412	Pepper of the genus Piper, except cubeb pepper, crushed or ground	687	090411		1.00	1.00
090411	Pepper of the genus Piper,ex cubeb pepper,neither crushd nor ground	687			1.00	1.00
090420	Fruits of the genus Capsicum or Pimenta, dried, crushed or ground	689			1.00	1.00
090500	Vanilla beans	692			1.00	1.00
090620	Cinnamon and cinnamon-tree flowers crushed or ground	693	090610		1.00	1.00
090610	Cinnamon and cinnamon-tree flowers neither crushed nor ground	693			1.00	1.00
090700	Cloves (whole fruit, cloves and stems)	698			1.00	1.00
090810	Nutmeg	702	090810a		0.50	0.74
090820	Mace	702	090810a		0.10	0.26
090810a	Nutmeg, Mace, Cardamons	702			1.00	1.00
090910	Anise or badian seeds	711			1.00	1.00
071490	Arrowroot,salep etc fr o drid whether o not slicd o pelletd&sago pith	720			1.00	1.00
091010	Ginger	720			1.00	1.00
091030	Turmeric (curcuma)	720			1.00	1.00
091091	Mixtures of two/more of the prods of different headgs to this chapter	723			1.00	1.00
091099	Spices nes	723			1.00	1.00
130214	Pyrethrum or roots of plants containing rotenone, extracts	754			1.00	1.00
530121	Flax fibre, broken or scutched	773	530110		1.00	1.00
530129	Flax fibre, otherwise processed but not spun	773	530110		0.90	0.93
530130	Flax tow and waste (including yarn waste and garnetted stock)	773	530110		0.10	0.07
530110	Flax fibre, raw or retted	773			1.00	1.00
530290	True hemp fibre otherwise processd but not spun;tow&waste of true hemp	777	530210		0.90	1.00
530210	True hemp fibre (Cannabis sativa l), raw or retted	777			1.00	1.00
530390	Jute and other tex bast fib,not spun,nes;tow and waste of these fibres	780	530310		0.90	1.00
530310	Jute and other textile bast fibres, raw or retted	780			1.00	1.00
530490	Sisal textile fibres processed but not spun;tow&waste of sisal fibres	789	530410		0.90	1.00
530410	Sisal and other textile fibres of the genus Agave, raw	789			1.00	1.00
530529	Abaca fibre,processed but not spun;tow,noils and waste of abaca fibres	809	530521		0.90	1.00
530521	Abaca fibre, raw	809			1.00	1.00
530599	Vegetable tex fib nes,processd nt spun;tow,noils&waste of these fibres	821	530591		0.90	1.00
530591	Vegetable textile fibres nes, raw	821			1.00	1.00
240120	Tobacco, unmanufactured, partly or wholly stemmed or stripped	826	240110		1.00	1.00
240130	Tobacco refuse	826	240110		1.00	1.00
240110	Tobacco, unmanufactured, not stemmed or stripped	826			1.00	1.00
010210	Bovine, live pure-bred breeding	Bovine	010210		1.00	1.00
010290	Bovine, live except pure-bred breeding	Bovine	010210		1.00	1.00
020110	Bovine carcasses and half carcasses, fresh or chilled	Bovine	010210	10	0.52	0.87
020610	Bovine edible offal, fresh or chilled	Bovine	010210	10	0.07	0.07
051110	Semen bovine	Bovine	010210	10	0.00	0.00
410110	Bovine skins, whole, raw	Bovine	010210	10	0.06	0.06
410130	Bovine hides, raw, nes	Bovine	010210	10	0.06	0.06
410140	Equine hides and skins, raw	Bovine	010210	10	0.06	0.06
020120	Bovine cuts bone in, fresh or chilled	Bovine	020110		1.00	1.00
020210	Bovine carcasses and half carcasses, frozen	Bovine	020110		1.00	1.00
021020	Bovine meat cured	Bovine	020110	5	0.98	1.00
020130	Bovine cuts boneless, fresh or chilled	Bovine	020120	2	0.71	1.00
020220	Bovine cuts bone in, frozen	Bovine	020120		1.00	1.00
020230	Bovine cuts boneless, frozen	Bovine	020130		1.00	1.00
020621	Bovine tongues, edible offal, frozen	Bovine	020610		0.10	0.24
020622	Bovine livers, edible offal, frozen	Bovine	020610		0.60	0.42
020629	Bovine edible offal, frozen nes	Bovine	020610		0.30	0.34

Product code	Product description (PC-TAS)	FAOSTAT crop code / animal type	Root product	Process water requirement (m ³ /ton of root product)	Product fraction (ton/ton of root product)	Value fraction (vf)
160250	Bovine meat and meat offal nes,excluding livers, prepared or preserved	Bovine	020610		0.40	0.58
410410	Bovine skin leather, whole	Bovine	410110	30	0.40	1.00
410421	Bovine leather, vegetable pre-tanned, nes	Bovine	410121	20	0.50	1.00
410422	Bovine leather, otherwise pre-tanned, nes	Bovine	410121	20	0.50	1.00
410429	Bovine and equine leather, tanned or retanned, nes	Bovine	410121	20	0.50	1.00
410431	Bovine and equine leather, full/split grains, nes	Bovine	410121	20	0.50	1.00
410121	Bovine hides, whole, fresh or wet-salted	Bovine	410130	10	0.80	1.00
410122	Butts and bends, bovine, fresh or wet-salted	Bovine	410130	10	0.80	1.00
410129	Hide sections, bovine, nes, fresh or wet-salted	Bovine	410130	10	0.80	1.00
410439	Bovine and equine leather, nes	Bovine	410140	30	0.40	1.00
010420	Goats, live	Goats	010420		1.00	1.00
020450	Goat meat, fresh, chilled or frozen	Goats	010420	10	0.50	0.81
410310	Goat or kid hides and skins, raw, nes	Goats	010420	10	0.08	0.19
410611	Goat or kid skin leather, vegetable pre-tanned	Goats	410310	20	0.90	1.00
410612	Goat or kid skin leather, otherwise pre-tanned	Goats	410310	20	0.90	1.00
410619	Goat or kid skin leather, tanned or retanned, nes	Goats	410310	20	0.90	1.00
410620	Goat or kid skin leather, nes	Goats	410310	20	0.90	1.00
010111	Horses, live pure-bred breeding	Horse	010111		1.00	1.00
010119	Horses, live except pure-bred breeding	Horse	010111		1.00	1.00
010120	Asses, mules and hinnies, live	Horse	010111		1.00	1.00
020500	Horse, ass, mule or hinny meat, fresh, chilled or frozen	Horse	010111	30	0.68	0.98
050300	Horsehair&waste put up or not as a layer with or without supg material	Horse	010111	30	0.01	0.02
040700	Eggs, bird, in shell, fresh, preserved or cooked	Layer	040700		1.00	1.00
040819	Egg yolks nes	Layer	040700	5	0.50	1.00
040899	Eggs, bird, not in shell nes	Layer	040700	1	0.90	1.00
040811	Egg yolks dried	Layer	040819		0.80	1.00
040891	Eggs, bird, not in shell, dried	Layer	040899		0.75	1.00
040299	Milk and cream nes sweetened	Milk	040130	5	1.00	1.00
040229	Milk and cream powder sweetened exceeding 1.5% fat	Milk	040221	10	1.00	1.00
040620	Cheese, grated or powdered, of all kinds	Milk	040610	10	0.63	1.00
040630	Cheese processed, not grated or powdered	Milk	040610	10	0.63	1.00
040640	Cheese, blue-veined	Milk	040610	10	0.63	1.00
040690	Cheese nes	Milk	040610	10	0.63	1.00
040110	Milk not concentrated and unsweetened not exceeding 1% fat	Milk	Raw milk	10	0.93	1.00
040120	Milk not concentrated & unsweetened exceeding 1% not exceeding 6% fat	Milk	Raw milk	10	0.90	1.00
040130	Milk and cream not concentrated and unsweetened exceeding 6% fat	Milk	Raw milk	10	0.50	1.00
040210	Milk powder not exceeding 1.5% fat	Milk	Raw milk	10	0.20	1.00
040221	Milk and cream powder unsweetened exceeding 1.5% fat	Milk	Raw milk	10	0.20	1.00
040291	Milk and cream unsweetened, nes	Milk	Raw milk	10	0.50	0.82
040310	Yogurt concentratd o not,sweetend o not,flavourd o contg fruit o cocoa	Milk	Raw milk	10	0.80	1.00
040390	Buttermilk,curdled milk & cream,kephir & ferm or acid milk & cream nes	Milk	Raw milk	10	0.10	0.18
040410	Whey whether or not concentrated or sweetened	Milk	Raw milk	10	0.73	0.46
040490	Products consisting of natural milk constituents sweetened or not nes	Milk	Raw milk	10	0.80	1.00
040610	Cheese, fresh (including whey cheese) unfermented, and curd	Milk	Raw milk	10	0.15	0.54
010600	Animals, live nes	Others	010210		1.00	1.00
020890	Meat and edible meat offal, nes fresh, chilled or frozen	Others	020610		1.00	1.00
041000	Edible products of animal origin nes	Others	020610		1.00	1.00
050400	Guts, bladders and stomachs of animals except fish whole or in pieces	Others	020610		1.00	1.00
160100	Sausage&sim prod of meat,meat offal/blood&food prep basd on these prod	Others	020610		1.00	1.00
160290	Meat, meat offal or blood, prepared or preserved, nes	Others	020610		1.00	1.00
160220	Livers of any animal prepared or preserved	Others	020622		1.00	1.00
050290	Hair and waste of badger and of other brushmaking hair	Others	050210		1.00	1.00
021090	Meat&edible meat offal cured nes&edible meat or offal,flours&meals	Others	160250		1.00	1.00
160210	Homogenized preparations of meat and meat offal	Others	160250		1.00	1.00
410390	Raw hides and skins of animals, nes	Others	410110		1.00	1.00
410800	Chamois (including combination chamois) leather	Others	410421		1.00	1.00
410900	Patent leather and patent laminated leather; metallised leather	Others	410421		1.00	1.00
411000	Parings and other waste of leather; leather dust, powder and flour	Others	410421		1.00	1.00
411100	Composition leather, in slabs, sheets or strip	Others	410421		1.00	1.00
420400	Articles of leather or of composition leather, for technical uses	Others	410421		1.00	1.00
420500	Articles of leather or of composition leather, nes	Others	410421		1.00	1.00
410790	Leather, nes	Others	410439		1.00	1.00

Product code	Product description (PC-TAS)	FAOSTAT crop code / animal type	Root product	Process water requirement (m ³ /ton of root product)	Product fraction (ton/ton of root product)	Value fraction (vf)
160231	Turkey meat and meat offal prepared or preserved, excluding livers	Poultry	010511	10	0.78	1.00
160239	Dom fowl, duck, goose & guinea fowl meat & meat offal prep/presvd exc livers	Poultry	010511	10	0.78	1.00
010511	Fowls, live domestic weighing not more than 185 g	Poultry	010519		1.00	1.00
010519	Poultry, live except domestic fowls, weighing not more than 185 g	Poultry	010519		1.00	1.00
010599	Poultry, live except domestic fowls, weighing more than 185 g	Poultry	010519		1.00	1.00
020900	Pig fat lean meat free & poultry fat unrenderd, frsh, child, frozn or curd	Poultry	010599	10	0.78	1.00
010410	Sheep, live	Sheep	010410		1.00	1.00
020410	Lamb carcasses and half carcasses, fresh or chilled	Sheep	010410	10	0.76	0.81
020421	Sheep carcasses and half carcasses, fresh or chilled	Sheep	010410	10	0.53	0.81
020680	Sheep, goats, asses, mules or hinnies edible offal, fresh or chilled	Sheep	010410	10	0.08	0.07
410210	Sheep or lamb skins, raw, with wool on, nes	Sheep	010410	10	0.08	0.12
020430	Lamb carcasses and half carcasses, frozen	Sheep	020410		1.00	1.00
020422	Sheep cuts, bone in, fresh or chilled	Sheep	020421	5	1.00	1.00
020441	Sheep carcasses and half carcasses, frozen	Sheep	020421	5	1.00	1.00
020423	Sheep cuts, boneless, fresh or chilled	Sheep	020422	5	0.80	1.00
020442	Sheep cuts, bone in, frozen	Sheep	020422		1.00	1.00
020443	Sheep cuts, boneless, frozen	Sheep	020423		1.00	1.00
020690	Sheep, goats, asses, mules or hinnies edible offal, frozen	Sheep	020680		1.00	1.00
410221	Sheep or lamb skins, pickled, without wool on	Sheep	410210	5	0.95	1.00
410229	Sheep or lamb skins, raw, o/t pickled, without wool on	Sheep	410210		0.95	1.00
410511	Sheep or lamb skin leather, vegetable pre-tanned	Sheep	410221	20	0.90	1.00
410512	Sheep or lamb skin leather, otherwise pre-tanned	Sheep	410221	20	0.90	1.00
410519	Sheep or lamb skin leather, tanned or retanned, nes	Sheep	410221	20	0.90	1.00
410520	Sheep or lamb skin leather, nes	Sheep	410221	20	0.90	1.00
010310	Swine, live pure-bred breeding	Swine	010310		1.00	1.00
010391	Swine, live except pure-bred breeding weighing less than 50 kg	Swine	010310		1.00	1.00
010392	Swine, live except pure-bred breeding weighing 50 kg or more	Swine	010310		1.00	1.00
020311	Swine carcasses and half carcasses, fresh or chilled	Swine	010310	10	0.76	0.84
020630	Swine edible offal, fresh or chilled	Swine	010310	10	0.04	0.01
050210	Bristles, hair and waste of pigs, hogs or boars	Swine	010310	10	0.01	0.02
410710	Swine leather, nes	Swine	010310	10	0.02	0.13
020312	Hams, shoulders and cuts thereof, of swine bone in, fresh or chilled	Swine	020311	2	0.77	1.00
020319	Swine cuts, fresh or chilled, nes	Swine	020311	2	0.73	1.00
020321	Swine carcasses and half carcasses, frozen	Swine	020311		1.00	1.00
021019	Swine meat cured, nes	Swine	020311	5	0.70	1.00
020322	Hams, shoulders and cuts thereof, of swine, bone in, frozen	Swine	020312		1.00	1.00
021011	Hams, shoulders and cuts thereof, of swine bone in, cured	Swine	020312	5	0.98	1.00
160241	Hams and cuts thereof of swine prepared or preserved	Swine	020312	5	0.98	1.00
160242	Shoulders and cut thereof of swine prepared or preserved	Swine	020312	5	0.98	1.00
020329	Swine cuts, frozen nes	Swine	020319		1.00	1.00
021012	Bellies, streaky and cuts thereof, swine cured	Swine	020319	5	0.98	1.00
020641	Swine livers, edible offal, frozen	Swine	020630		0.60	0.33
020649	Swine edible offal, frozen nes	Swine	020630		1.00	1.00
160249	Swine meat & meat offal nes/exc livers/ incl mixtures, preparad o preservd	Swine	020630		0.30	0.67

Main sources: FAO (2003h) and Chapagain and Hoekstra (2003a,b,c)

Appendix XI. Reference evapotranspiration per country (mm/day)

Country code (FAOSTAT)	Country	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	Average ET ₀
2	Afghanistan	1.13	1.44	2.42	3.53	5.42	6.96	7.30	6.13	4.77	3.08	1.99	1.27	3.79
3	Albania	0.61	0.86	1.62	2.38	3.21	4.04	4.94	4.24	3.06	1.72	1.00	0.69	2.36
4	Algeria	2.42	3.49	4.84	5.78	6.72	7.68	7.70	7.82	6.02	4.54	3.10	2.38	5.21
5	American Samoa	3.46	3.42	3.18	2.48	2.56	2.97	3.06	3.40	3.68	3.77	3.45	3.45	3.24
6	Andorra	0.73	0.98	1.57	2.08	2.71	3.51	4.47	3.86	2.81	1.79	1.03	0.70	2.19
7	Angola	3.45	3.66	3.52	3.66	3.86	3.86	3.78	4.05	4.64	4.60	3.98	3.54	3.88
258	Anguilla	3.71	4.02	4.52	4.50	4.24	4.43	4.59	4.64	4.27	3.84	3.47	3.37	4.13
8	Antigua and Barbuda	3.70	3.97	4.55	4.46	4.37	4.48	4.67	4.63	4.22	3.80	3.54	3.40	4.15
9	Argentina	5.29	4.67	3.54	2.49	1.56	1.11	1.28	2.06	2.89	3.76	4.67	5.23	3.21
1	Armenia	0.80	1.07	1.68	2.71	3.52	4.69	5.70	5.30	3.99	2.32	1.35	0.95	2.84
10	Australia	5.96	5.79	4.53	2.15	1.97	2.36	2.64	3.15	4.11	4.87	4.68	5.62	3.99
11	Austria	0.25	0.45	1.00	1.70	2.37	2.84	3.16	2.72	1.90	1.06	0.51	0.30	1.52
52	Azerbaijan, Republic of	0.72	0.94	1.50	2.80	3.81	5.20	5.86	5.45	3.94	2.22	1.25	0.73	2.87
12	Bahamas	2.62	3.06	3.75	4.35	4.09	4.10	4.47	4.07	3.72	3.50	2.87	2.54	3.59
13	Bahrain	3.12	3.70	5.45	6.44	9.36	11.53	10.41	9.86	7.63	6.45	4.91	3.00	6.82
16	Bangladesh	2.16	2.64	3.53	4.08	3.71	3.16	2.91	2.83	2.85	3.05	2.71	2.13	2.98
14	Barbados	3.72	4.20	4.73	4.59	4.38	4.21	4.20	4.22	4.01	3.73	3.56	3.49	4.09
57	Belarus	0.10	0.23	0.67	1.68	2.89	3.46	3.52	2.90	1.76	0.80	0.31	0.16	1.54
255	Belgium	0.35	0.65	1.14	2.00	2.85	3.25	3.31	3.10	2.07	1.24	0.57	0.28	1.73
255	Belgium-Luxembourg	0.35	0.65	1.14	2.00	2.85	3.25	3.31	3.10	2.07	1.24	0.57	0.28	1.73
23	Belize	2.49	2.97	3.59	4.12	4.16	3.75	3.73	3.81	3.38	3.06	2.51	2.32	3.32
53	Benin	4.01	5.71	6.15	5.08	4.48	3.73	3.41	3.23	3.43	3.98	4.45	4.54	4.35
17	Bermuda	2.15	2.45	2.76	3.35	3.84	4.32	4.62	4.60	4.23	3.59	2.68	2.14	3.39
18	Bhutan	1.29	1.62	2.17	2.66	2.87	2.86	2.54	2.40	2.36	2.29	1.68	1.30	2.17
19	Bolivia	3.71	3.53	3.55	3.35	2.88	2.72	3.05	3.53	4.01	4.21	4.22	3.83	3.55
80	Bosnia and Herzegovina	0.45	0.69	1.42	2.21	2.98	3.63	4.33	3.80	2.68	1.49	0.79	0.53	2.08
20	Botswana	4.72	4.31	3.90	3.23	2.50	2.03	2.10	2.99	4.26	5.20	5.11	4.88	3.77
21	Brazil	3.46	3.26	2.97	2.66	2.50	2.39	2.60	3.04	3.51	3.74	3.71	3.53	3.11
26	Brunei Darussalam	2.92	3.23	3.55	3.58	3.38	3.18	3.23	3.34	3.26	3.08	2.99	2.88	3.22
27	Bulgaria	0.49	0.68	1.32	2.20	3.01	3.80	4.52	4.03	2.94	1.62	0.87	0.55	2.17
233	Burkina Faso	5.64	6.59	7.48	7.40	7.23	6.03	4.97	4.32	4.57	5.46	5.81	5.86	5.95
29	Burundi	2.71	2.87	2.76	2.55	2.70	3.18	3.54	3.91	3.95	3.47	2.84	2.69	3.10
115	Cambodia	3.51	3.80	4.18	4.14	3.64	3.08	3.10	3.01	3.04	3.07	3.20	3.31	3.42
32	Cameroon	3.75	4.13	4.07	3.84	3.43	2.91	2.56	2.54	2.77	3.11	3.56	3.64	3.36
33	Canada	0.01	0.06	0.24	0.79	1.60	2.36	2.70	2.28	1.41	0.69	0.19	0.05	1.03
35	Cape Verde	4.39	4.74	5.08	5.17	4.96	4.56	4.17	4.11	4.16	4.25	4.15	3.73	4.46
36	Cayman Islands	2.90	3.12	3.41	3.58	3.47	3.55	3.53	3.48	3.34	2.95	2.87	2.83	3.25
37	Central African Republic	3.82	4.52	4.55	4.24	3.84	3.30	2.96	3.00	3.29	3.46	3.75	3.59	3.69
39	Chad	4.30	5.02	5.60	6.03	6.21	6.09	5.60	5.05	5.31	5.21	4.67	4.17	5.27
40	Chile	3.57	3.28	2.73	1.75	1.13	0.83	0.87	1.22	2.01	2.69	3.26	3.60	2.24
357	China	0.55	0.80	1.48	2.54	3.27	3.55	3.47	3.25	2.64	1.74	0.95	0.59	2.07
42	Christmas Isl	3.63	3.80	3.81	3.72	3.33	3.07	3.21	3.68	4.07	4.23	4.03	3.99	3.71
43	Cocos Isl	3.73	3.77	3.53	3.12	2.78	2.52	2.54	3.01	3.38	3.66	3.71	3.89	3.30
44	Colombia	3.52	3.72	3.52	3.22	2.97	2.84	3.02	3.15	3.21	3.10	3.07	3.30	3.22
45	Comoros	3.56	3.47	3.55	3.50	3.33	3.07	3.17	3.64	4.04	4.33	4.29	3.81	3.65
250	Congo, Dem Republic of	3.26	3.51	3.30	3.24	3.22	3.19	3.19	3.34	3.65	3.49	3.27	3.09	3.31
46	Congo, Republic of	2.95	3.26	3.07	2.89	2.61	2.48	2.48	2.63	2.93	2.92	2.85	2.82	2.82
47	Cook Islands	3.92	3.90	3.48	2.74	2.36	2.19	2.32	2.54	2.88	3.29	3.51	3.67	3.07
48	Costa Rica	3.91	4.39	4.74	4.70	4.05	3.60	3.62	3.58	3.48	3.27	3.24	3.41	3.83
107	Côte d'Ivoire	3.84	4.07	4.16	3.98	3.64	3.13	2.94	2.78	2.83	3.07	3.21	3.18	3.40
98	Croatia	0.41	0.66	1.40	2.19	3.00	3.63	4.31	3.67	2.55	1.40	0.75	0.45	2.03
49	Cuba	2.84	3.28	4.00	4.55	4.19	4.00	4.31	4.11	3.72	3.40	2.94	2.74	3.67
50	Cyprus	1.21	1.62	2.34	3.46	4.59	5.72	6.18	5.74	4.55	3.05	1.83	1.22	3.46
167	Czech Republic	0.19	0.37	0.98	1.82	2.63	3.10	3.39	2.90	1.94	1.02	0.46	0.24	1.59

Country code (FAOSTAT)	Country	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	Average ETo
54	Denmark	0.09	0.26	0.70	1.56	2.57	3.18	3.16	2.73	1.61	0.80	0.29	0.09	1.42
72	Djibouti	3.87	4.27	4.87	5.25	5.58	5.85	5.87	6.10	5.54	5.19	4.58	3.96	5.08
55	Dominica	2.76	3.09	3.55	3.41	3.34	3.36	3.44	3.49	3.23	2.94	2.63	2.54	3.15
56	Dominican Republic	3.45	3.85	4.30	4.41	3.99	4.16	4.50	4.39	3.87	3.45	3.26	3.22	3.91
176	East Timor	3.32	3.39	3.37	3.24	3.03	2.80	2.92	3.29	3.59	3.68	3.60	3.39	3.30
58	Ecuador	2.83	2.92	2.91	2.87	2.75	2.61	2.73	2.93	2.97	2.90	2.83	2.83	2.84
59	Egypt	1.97	2.73	3.56	5.36	5.99	6.80	6.18	5.89	5.89	4.75	2.83	2.20	4.51
60	El Salvador	4.36	4.64	5.17	5.23	4.66	3.99	4.10	3.96	3.48	3.35	3.62	3.95	4.21
61	Equatorial Guinea	2.87	3.20	3.11	3.11	2.79	2.45	2.32	2.43	2.45	2.44	2.53	2.66	2.70
178	Eritrea	4.41	4.99	5.73	6.35	6.42	6.12	5.27	5.22	5.47	5.45	4.86	4.39	5.39
63	Estonia	0.06	0.19	0.58	1.45	2.66	3.44	3.29	2.59	1.44	0.69	0.28	0.15	1.40
238	Ethiopia	3.96	4.34	4.58	4.54	4.07	3.77	3.42	3.49	3.84	4.04	3.90	3.80	3.98
64	Faeroe Islands	0.18	0.28	0.55	1.06	1.52	1.86	1.71	1.43	0.93	0.51	0.27	0.17	0.87
65	Falkland Island	2.58	2.25	1.65	1.27	0.67	0.51	0.49	0.76	1.23	1.87	2.41	2.71	1.53
66	Fiji Islands	3.71	3.59	3.23	2.56	2.51	2.71	2.85	3.14	3.39	3.55	3.32	3.61	3.18
67	Finland	0.04	0.17	0.50	1.21	2.36	3.22	3.23	2.32	1.20	0.52	0.18	0.04	1.25
68	France	0.44	0.76	1.36	2.12	2.77	3.44	4.02	3.40	2.42	1.36	0.73	0.47	1.94
69	French Guiana	2.98	3.15	3.31	3.28	2.93	3.03	3.43	3.98	4.62	4.65	4.08	3.29	3.56
70	French Polynesia	3.47	3.42	3.17	2.47	2.53	2.95	3.04	3.38	3.67	3.77	3.47	3.47	3.23
74	Gabon	2.76	3.02	2.96	2.81	2.55	2.32	2.25	2.36	2.60	2.60	2.51	2.47	2.60
75	Gambia	5.29	5.84	6.62	6.93	6.98	5.88	4.75	4.14	4.24	4.43	4.35	4.43	5.32
76	Gaza Strip (Palestine)	1.86	2.43	3.51	5.01	6.34	7.79	8.30	7.64	6.04	4.11	2.70	1.95	4.81
73	Georgia	0.57	0.80	1.31	2.28	3.00	3.72	4.33	4.07	3.06	1.87	1.06	0.68	2.23
79	Germany	0.24	0.52	1.11	1.95	2.82	3.32	3.42	3.11	1.99	1.11	0.53	0.27	1.70
81	Ghana	4.80	5.56	5.32	4.68	4.07	3.40	3.05	2.99	3.25	3.85	4.33	4.33	4.14
84	Greece	0.90	1.31	1.97	2.76	3.76	5.15	6.18	5.63	3.95	2.31	1.26	0.88	3.01
86	Grenada	4.08	4.52	5.18	4.95	4.78	4.51	4.51	4.51	4.37	4.19	3.87	3.86	4.44
87	Guadeloupe	3.16	3.60	4.10	4.15	4.01	4.13	4.22	4.15	3.81	3.43	3.10	2.95	3.73
88	Guam	2.72	3.19	3.87	4.35	3.98	3.32	3.12	3.16	3.02	2.87	2.67	2.53	3.23
89	Guatemala	3.48	4.02	4.52	4.83	4.57	3.98	3.94	3.98	3.52	3.41	3.25	3.26	3.90
90	Guinea	3.55	4.77	5.46	5.15	4.49	3.80	3.34	3.21	3.32	3.49	3.56	3.55	3.97
175	Guinea-Bissau	4.35	5.21	5.91	6.33	5.92	4.68	3.87	3.53	3.74	4.07	4.06	4.01	4.64
91	Guyana	3.69	4.09	4.26	4.11	3.72	3.40	3.60	3.88	4.33	4.31	4.03	3.63	3.92
93	Haiti	2.89	3.29	4.02	3.86	3.76	3.80	4.14	4.06	3.51	3.07	2.83	2.71	3.49
95	Honduras	3.16	3.81	4.57	4.97	4.82	4.14	3.98	4.01	3.80	3.47	3.07	3.05	3.90
96	Hong Kong	2.20	2.05	2.44	2.86	3.33	3.45	3.95	3.86	3.78	3.53	2.87	2.36	3.06
97	Hungary	0.28	0.50	1.26	2.25	3.04	3.55	3.95	3.39	2.40	1.30	0.60	0.33	1.90
99	Iceland	0.22	0.31	0.52	0.96	1.52	1.98	2.01	1.60	0.95	0.46	0.17	0.16	0.90
100	India	1.68	2.48	3.50	4.69	5.20	4.51	3.50	3.27	3.25	3.10	2.32	1.64	3.26
101	Indonesia	3.17	3.26	3.32	3.27	3.04	2.81	2.90	3.24	3.47	3.57	3.45	3.25	3.23
102	Iran, Islamic Rep of	1.26	1.97	2.99	4.29	5.60	6.87	6.58	6.22	4.92	3.90	2.22	1.32	4.01
103	Iraq	1.60	2.40	3.60	5.08	7.25	9.76	10.54	9.65	7.71	4.97	2.85	1.71	5.59
104	Ireland	0.32	0.61	1.05	1.68	2.20	2.54	2.53	2.19	1.50	0.89	0.45	0.29	1.35
105	Israel	1.87	2.30	3.05	4.29	5.33	6.39	6.59	6.13	5.00	3.69	2.60	1.92	4.10
106	Italy	0.77	1.08	1.61	2.30	3.15	4.05	4.79	4.14	2.94	1.79	1.14	0.72	2.37
109	Jamaica	3.10	3.55	3.93	4.27	3.83	3.82	4.14	4.02	3.48	3.08	2.83	2.92	3.58
110	Japan	0.84	0.99	1.42	2.20	2.81	2.80	3.05	3.34	2.68	2.04	1.34	0.93	2.04
112	Jordan	1.87	2.44	3.52	5.00	6.33	7.76	8.24	7.59	6.02	4.10	2.70	1.96	4.79
108	Kazakhstan	0.10	0.19	0.61	2.24	4.31	5.65	6.25	4.88	3.13	1.32	0.46	0.12	2.44
114	Kenya	4.91	5.12	4.87	4.01	3.55	3.42	3.28	3.61	4.18	4.43	4.24	4.52	4.18
83	Kiribati	3.53	3.76	3.64	3.12	3.42	3.98	4.10	4.24	4.16	3.79	3.16	3.28	3.68
116	Korea, Dem People's Rep	0.61	0.90	1.57	2.75	3.51	3.42	3.13	3.14	2.81	1.95	1.22	0.74	2.15
117	Korea, Republic of	0.90	1.19	1.90	2.93	3.64	3.55	3.43	3.70	3.02	2.37	1.50	1.02	2.43
118	Kuwait	2.44	3.33	5.00	6.45	8.89	11.95	11.93	10.72	8.61	6.24	3.94	2.69	6.85
113	Kyrgyzstan	0.67	0.77	1.36	2.56	3.49	4.51	5.10	4.86	3.72	2.27	1.27	0.81	2.62
120	Laos	2.52	3.01	3.52	3.80	3.54	3.08	3.03	2.92	3.00	2.95	2.68	2.50	3.05

Country code (FAOSTAT)	Country	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	Average ETo
119	Latvia	0.11	0.24	0.67	1.63	2.82	3.51	3.34	2.76	1.61	0.80	0.32	0.14	1.50
121	Lebanon	1.36	1.76	2.35	3.38	4.49	5.72	6.09	5.60	4.53	3.28	2.08	1.38	3.50
122	Lesotho	4.27	3.77	3.20	2.42	1.96	1.71	1.87	2.45	3.41	3.65	3.86	4.18	3.06
123	Liberia	3.44	3.71	3.82	3.69	3.37	3.25	3.12	3.01	3.12	3.24	3.35	3.05	3.35
124	Libya	2.70	3.46	4.69	6.31	7.61	8.71	8.21	7.64	6.58	4.80	3.33	2.88	5.58
125	Liechtenstein	0.44	0.64	1.07	1.70	2.20	2.71	3.03	2.58	1.92	1.19	0.68	0.55	1.56
126	Lithuania	0.17	0.34	0.77	1.75	2.99	3.57	3.44	2.99	1.75	0.90	0.39	0.24	1.61
256	Luxembourg	0.21	0.62	1.21	2.09	2.90	3.32	3.63	3.18	2.14	1.24	0.53	0.17	1.77
128	Macau	2.18	2.02	2.39	2.86	3.46	3.65	4.31	4.06	3.93	3.59	2.97	2.45	3.16
154	Macedonia	0.53	0.75	1.52	2.39	3.13	3.87	4.71	4.11	3.05	1.67	0.91	0.61	2.27
129	Madagascar	3.91	3.76	3.63	3.33	2.88	2.53	2.54	2.99	3.57	3.99	4.07	3.92	3.43
130	Malawi	3.29	3.26	3.30	3.31	3.13	2.97	3.12	3.72	4.72	5.19	4.72	3.62	3.69
131	Malaysia	2.86	3.17	3.38	3.32	3.13	2.96	3.00	3.04	2.97	2.88	2.74	2.70	3.01
132	Maldives	4.29	4.30	4.29	3.99	3.73	3.57	3.24	3.45	3.51	3.73	3.65	3.81	3.80
133	Mali	5.56	6.64	7.23	7.43	7.69	7.12	6.57	6.09	6.12	6.30	5.92	5.29	6.50
134	Malta	1.27	1.74	2.29	3.08	4.01	4.84	5.54	5.02	3.81	2.59	1.92	1.26	3.11
127	Marshall Islands	3.40	3.70	3.99	3.94	3.77	3.77	3.57	3.85	3.79	3.57	3.23	3.09	3.64
135	Martinique	3.61	4.03	4.70	4.43	4.21	4.11	4.07	4.12	3.82	3.53	3.32	3.34	3.94
136	Mauritania	6.09	6.83	8.00	9.16	9.78	9.07	8.70	7.61	6.57	6.65	6.18	5.60	7.52
137	Mauritius	3.68	3.49	3.24	2.75	2.35	2.00	2.05	2.36	2.82	3.23	3.52	3.54	2.92
138	Mexico	2.63	3.24	3.97	4.44	4.68	4.70	4.29	4.16	3.85	3.50	2.91	2.47	3.74
145	Micronesia	2.97	3.38	3.97	4.32	3.85	3.16	2.99	3.09	3.06	3.02	2.92	2.81	3.29
146	Moldova, Republic of	0.25	0.42	0.98	2.17	3.27	4.00	4.37	3.83	2.68	1.32	0.60	0.33	2.02
141	Mongolia	0.27	0.41	1.01	2.33	3.66	4.19	4.01	3.51	2.61	1.44	0.60	0.30	2.03
142	Montserrat	3.53	3.85	4.35	4.27	4.16	4.25	4.37	4.42	4.03	3.61	3.28	3.20	3.94
143	Morocco	1.62	2.21	3.09	3.79	4.59	5.45	6.26	5.89	4.75	3.42	2.23	1.63	3.75
144	Mozambique	4.31	4.05	3.72	3.27	2.83	2.48	2.57	3.33	4.33	4.96	5.03	4.54	3.78
28	Myanmar	2.88	3.59	4.30	4.63	3.76	2.89	2.73	2.66	2.80	3.00	2.96	2.81	3.25
147	Namibia	4.82	4.45	4.00	3.50	3.01	2.80	2.74	3.51	4.42	4.97	5.26	5.30	4.06
148	Nauru	3.36	3.49	3.38	3.02	3.16	3.52	3.73	3.94	3.71	3.62	3.09	3.15	3.43
149	Nepal	1.10	1.43	2.19	3.12	3.22	3.11	2.73	2.57	2.42	2.10	1.48	1.10	2.22
150	Netherlands	0.26	0.53	1.02	1.71	2.53	2.84	2.92	2.73	1.76	1.04	0.51	0.28	1.51
153	New Caledonia	3.79	3.64	3.27	2.50	2.19	2.28	2.46	2.73	3.14	3.45	3.46	3.77	3.06
156	New Zealand	3.25	3.08	2.26	1.22	0.77	0.63	0.67	1.01	1.55	2.18	2.58	2.98	1.85
157	Nicaragua	3.56	4.36	4.87	5.22	4.76	3.99	3.86	3.73	3.62	3.32	3.27	3.38	4.00
158	Niger	6.06	7.27	7.94	8.76	9.63	9.09	8.44	7.47	7.78	7.53	6.84	6.16	7.75
159	Nigeria	5.43	5.98	5.58	5.35	4.77	4.17	3.56	3.26	3.43	3.88	4.46	5.02	4.57
160	Niue	3.65	3.59	3.19	2.73	2.26	2.08	2.13	2.41	2.77	3.16	3.36	3.45	2.90
163	Northern Marianas	2.73	3.15	3.56	3.83	3.72	3.77	3.60	3.53	3.48	3.10	2.74	2.56	3.31
162	Norway	0.10	0.27	0.59	1.13	2.00	2.61	2.58	2.09	1.25	0.66	0.28	0.15	1.14
221	Oman	3.60	4.04	4.77	6.17	7.29	6.82	5.80	5.35	5.26	5.13	4.26	3.72	5.19
165	Pakistan	1.65	2.22	3.38	4.58	6.93	7.59	6.49	5.78	5.05	3.80	2.49	1.71	4.31
180	Palau Isl	3.01	3.33	3.68	3.93	3.63	3.23	3.16	3.32	3.31	3.11	2.95	2.83	3.29
166	Panama	3.22	3.67	3.95	3.99	3.48	3.26	3.32	3.33	3.25	3.03	2.84	2.87	3.35
168	Papua New Guinea	3.36	3.38	3.21	2.61	2.74	3.16	3.23	3.54	3.76	3.75	3.35	3.33	3.29
169	Paraguay	4.92	4.60	4.15	3.35	2.52	2.01	2.35	3.55	4.25	4.45	4.95	5.65	3.90
170	Peru	3.09	3.01	2.85	2.78	2.63	2.40	2.61	3.00	3.21	3.30	3.40	3.23	2.96
171	Philippines	2.68	3.16	3.86	4.36	3.99	3.33	3.14	3.16	3.01	2.85	2.64	2.49	3.22
173	Poland	0.14	0.31	0.93	1.75	2.74	3.21	3.38	2.89	1.84	0.90	0.38	0.18	1.55
174	Portugal	0.83	1.21	1.95	2.57	3.30	4.08	4.86	4.33	3.22	1.99	1.15	0.75	2.52
177	Puerto Rico	3.34	3.66	4.09	4.18	4.05	4.28	4.42	4.33	3.91	3.55	3.25	3.17	3.85
179	Qatar	3.24	3.84	5.20	6.90	8.97	10.40	9.48	9.37	7.41	6.29	4.72	3.41	6.60
182	Réunion	3.52	3.31	3.05	2.56	2.19	1.92	1.96	2.23	2.74	3.17	3.39	3.42	2.79
183	Romania	0.33	0.50	1.10	2.03	2.90	3.50	3.91	3.47	2.46	1.35	0.68	0.40	1.89
185	Russian Federation	0.00	0.00	0.25	0.96	2.05	3.03	3.30	2.59	1.55	0.58	0.00	0.00	1.19
184	Rwanda	2.75	2.90	2.72	2.48	2.41	2.90	3.14	3.28	3.31	3.05	2.65	2.57	2.85

Country code (FAOSTAT)	Country	15-Jan	15-Feb	15-Mar	15-Apr	15-May	15-Jun	15-Jul	15-Aug	15-Sep	15-Oct	15-Nov	15-Dec	Average ETo
188	Saint Kitts and Nevis	3.42	3.73	4.19	4.17	4.05	4.16	4.29	4.40	3.97	3.52	3.20	3.10	3.85
189	Saint Lucia	3.62	4.02	4.73	4.41	4.28	4.19	4.10	4.05	3.83	3.54	3.32	3.38	3.96
191	Saint Vincent/Grenadines	3.80	4.23	4.93	4.74	4.71	4.48	4.37	4.37	4.13	3.81	3.62	3.53	4.23
244	Samoa	3.65	3.68	3.38	2.93	2.81	2.91	3.17	3.30	3.45	3.56	3.44	3.53	3.32
193	Sao Tome and Principe	2.48	2.79	2.84	2.69	2.41	2.30	2.16	2.13	2.18	2.22	2.28	2.35	2.40
194	Saudi Arabia	3.60	4.38	5.92	7.36	8.66	10.43	10.91	9.55	8.22	6.06	4.69	3.49	6.94
195	Senegal	8.34	9.48	10.57	11.16	9.60	7.54	5.85	4.81	4.99	5.94	7.30	7.74	7.78
196	Seychelles	3.67	4.07	4.29	4.22	3.81	3.46	3.29	3.52	3.99	4.13	4.11	3.85	3.87
197	Sierra Leone	3.92	4.37	4.33	3.98	3.28	3.01	2.58	2.57	2.63	2.93	3.10	3.59	3.36
200	Singapore	3.33	3.57	3.53	3.32	3.10	2.92	2.89	2.95	2.97	2.89	2.67	2.72	3.07
199	Slovakia	0.24	0.43	1.05	1.87	2.64	3.09	3.35	2.92	2.03	1.12	0.52	0.28	1.63
198	Slovenia	0.31	0.57	1.29	2.08	2.84	3.31	3.72	3.18	2.22	1.24	0.61	0.34	1.81
25	Solomon Islands	3.35	3.18	3.07	2.66	2.66	2.89	2.90	3.23	3.53	3.56	3.20	3.24	3.12
201	Somalia	6.17	6.38	6.57	5.67	5.67	6.13	5.91	6.31	6.61	5.58	5.31	5.51	5.99
202	South Africa	5.59	5.09	4.42	3.43	2.87	2.53	2.64	3.32	4.39	4.98	5.52	5.75	4.21
203	Spain	0.98	1.42	2.19	2.87	3.71	4.72	5.70	5.23	3.79	2.33	1.32	0.91	2.93
38	Sri Lanka	3.99	4.38	4.57	4.29	4.14	4.01	3.95	4.02	4.02	3.61	3.38	3.45	3.98
187	St Helena	3.25	3.44	3.22	2.66	2.42	2.24	2.21	2.22	2.53	2.74	2.87	3.00	2.73
206	Sudan	5.14	6.35	7.25	6.95	7.14	6.73	6.32	5.78	5.69	5.26	5.28	5.03	6.08
207	Suriname	2.97	3.26	3.50	3.26	2.97	2.99	3.19	3.71	4.11	4.01	3.65	3.09	3.39
209	Swaziland	4.48	4.06	3.64	3.07	2.50	2.09	2.40	2.89	3.77	4.05	4.22	4.40	3.46
210	Sweden	0.21	0.37	0.81	1.58	2.48	3.17	3.13	2.78	1.92	1.15	0.50	0.29	1.53
211	Switzerland	0.42	0.65	1.07	1.64	2.18	2.67	3.05	2.61	1.90	1.16	0.69	0.52	1.55
212	Syria	1.33	1.95	3.03	4.63	6.36	8.51	10.11	8.91	6.54	4.15	2.41	1.42	4.95
208	Tajikistan	0.77	0.88	1.48	2.44	3.35	4.55	5.13	4.87	3.84	2.43	1.45	0.92	2.68
215	Tanzania	3.52	3.51	3.24	2.85	2.87	3.07	3.22	3.57	4.03	4.12	3.80	3.42	3.44
216	Thailand	3.48	4.32	4.95	4.98	3.87	3.36	3.24	3.10	3.08	3.22	3.28	3.28	3.68
217	Togo	4.78	5.97	5.67	4.58	4.02	3.33	3.23	3.22	3.44	3.86	4.35	3.98	4.20
218	Tokelau Isl	3.72	3.71	3.62	3.52	3.28	3.01	3.08	3.37	3.57	3.72	3.65	3.65	3.49
219	Tonga	3.74	3.69	3.23	2.61	2.27	2.18	2.32	2.51	2.85	3.24	3.41	3.57	2.97
220	Trinidad and Tobago	3.21	3.60	3.90	3.92	3.75	3.26	3.41	3.52	3.52	3.32	3.08	2.99	3.46
222	Tunisia	1.50	2.01	2.48	3.56	4.64	5.59	6.31	5.87	4.23	2.90	1.87	1.31	3.52
223	Turkey	0.76	1.10	1.76	2.80	3.79	5.08	6.07	5.68	4.22	2.52	1.38	0.83	3.00
213	Turkmenistan	0.90	1.22	2.05	3.60	5.33	6.76	7.14	6.65	5.15	3.17	1.79	1.00	3.73
227	Tuvalu	3.74	3.76	3.51	2.95	3.18	3.84	4.13	4.27	4.26	4.03	3.39	3.54	3.72
226	Uganda	5.31	5.57	5.17	4.26	3.94	3.98	3.82	3.97	4.41	4.38	4.34	4.77	4.49
230	Ukraine	0.16	0.31	0.81	1.96	3.07	3.77	4.10	3.50	2.33	1.07	0.43	0.22	1.81
225	United Arab Emirates	2.72	3.20	4.40	5.99	7.87	8.51	8.39	8.08	6.87	5.44	3.79	2.65	5.66
229	United Kingdom	0.36	0.57	0.98	1.52	2.11	2.47	2.51	2.21	1.50	0.89	0.49	0.34	1.33
231	United States of America	0.46	0.74	1.33	2.18	3.00	3.79	4.01	3.52	2.67	1.66	0.84	0.47	2.06
234	Uruguay	5.43	4.72	3.81	2.67	1.89	1.34	1.43	2.00	2.60	3.48	4.47	5.26	3.26
235	Uzbekistan	0.61	0.83	1.65	3.32	5.13	6.67	7.09	6.39	4.71	2.66	1.34	0.71	3.43
155	Vanuatu	3.53	3.30	3.10	2.58	2.37	2.49	2.70	3.02	3.32	3.50	3.36	3.52	3.07
236	Venezuela	3.79	4.34	4.71	4.21	3.86	3.49	3.57	3.66	3.74	3.64	3.49	3.46	3.83
237	Viet Nam	2.20	2.59	3.07	3.47	3.58	3.30	3.31	3.16	3.11	2.77	2.41	2.20	2.93
240	Virgins	3.58	3.95	4.41	4.45	4.30	4.58	4.64	4.67	4.30	3.85	3.55	3.36	4.14
243	Wallis and Futuna Is	3.60	3.60	3.24	2.84	2.78	2.97	3.21	3.26	3.49	3.53	3.40	3.53	3.29
245	West bank	1.83	2.41	3.49	5.00	6.34	7.80	8.30	7.63	6.02	4.07	2.67	1.92	4.79
205	Western Sahara	3.58	4.29	5.38	5.69	7.10	8.14	9.32	8.35	6.50	5.44	3.91	3.24	5.91
249	Yemen	3.34	3.75	4.44	4.98	5.58	6.20	5.62	5.49	5.65	4.78	3.81	3.31	4.75
186	Yugoslavia	0.47	0.67	1.37	2.25	3.01	3.66	4.34	3.84	2.76	1.54	0.84	0.56	2.11
251	Zambia	3.35	3.34	3.71	3.99	3.93	3.86	4.10	5.06	6.33	5.94	4.78	3.60	4.33
181	Zimbabwe	4.26	3.99	4.04	3.82	3.53	3.19	3.41	4.32	5.60	5.93	5.27	4.39	4.31

Appendix XII. Crop water requirement per crop per country (mm/crop period)

FAOSTAT country codes	Country list (FAO)	Crop codes FAOSTAT (see Appendix III)		15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	
2	Afghanistan			435	1313	405	737			648									762							1498	743		161	176	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226
3	Albania			763		659	516	258	659										515								577		324	273						365		372			853			1104	1366	1227			
4	Algeria			679	1541	621	928		621		571				317				813										704	626	602	380			1028		650		657				1471						
5	American Samoa																				577		677	202		1114																							
7	Angola			446	996		452			318									511	447	737					1348			329													1112							
8	Antigua and Barbuda						466													422	801		863	332																									
9	Argentina			179	712	161	252	278	161	155	190					170		138	334	567	366					1022			153	170	170	96			412				113				828	1062					
1	Armenia			309		288	589	97	288									385	583											397		404			607	419		427				828							
10	Australia			309	898	282	378	413	282	249	301				293	288			463	625						1297			251	274	274	170	241		555	301	207					1039	1344						
11	Austria			499		437	342	169	437					37		283			348									380			189	240												548					
52	Azerbaijan, Republic of			303	1112	284	605	85	284	529	475								611									601		408	338				634				456				844	1044			1044		
12	Bahamas						420													331	734					1228								340															
13	Bahrain																		1110																					917									
16	Bangladesh			305	895	303				223	269								371	288						987			582	234		249	174		240	408					238	865						1061	

Country list (FAO)	Crop codes FAOSTAT (see Appendix III)	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839				
Afghanistan																							745																				
Albania		435																																				425					
Algeria		346					399											1856																					577				
American Samoa												1100																											273				
Angola											1317	1317																			510		794					389					
Antigua and Barbuda																																											
Argentina		521											1330			224	1153						591		242	1202		759								759	155						
Armenia									219																														504				
Australia		597														363																							272				
Austria		295	257				136									343																								281			
Azerbaijan, Republic of										235			1183													670														528			
Bahamas																																											
Bahrain		414																																									
Bangladesh													1224				1061							420	420						440	440						536	365	1061			
Barbados																																											
Belarus									162																				362											316			
Belgium-Luxembourg		333					160									382													177											311			
Belize											1125	1125																															
Benin											1477	1477					562	1547																						504			
Bermuda																																											
Bhutan																		773				773		354	354						356								257				
Bolivia		405									1206	1206	1466																										320	1272			
Bosnia and Herzegovina		391					173										743																							379			
Botswana																																											
Brazil											1058	1058	1287				425															347	347	817	652			587	268	1117	1117		
British Virgin Islands																																											
Brunei Darussalam																	367																							1149			
Bulgaria		405					175									485	774						453																	397			
Burkina Faso																										734															715		
Burundi											1049		1280																											268			
Cambodia											1162						419	1220														449						681	387	1220			
Cameroon											1142	1142	1382				453	1197							385						407									369	1198		
Canada																							264															258	233				
Cape Verde																	1588																										
Cayman Islands																																											
Central African Republic											1254	1254					1316															461		733				411	1316				
Chad																																								587			
Chile		115				208																							534	93		153						534	103				
China											696		851			419	389	737	737	737	737		389	441	441			388	260	428	428	648	392				388	334	737				
Cocos (Keeling) Islands																																											
Colombia											1093	1093																												319			
Comoros											1238	1238							1305		1305					469																	
Congo, Dem Republic of											1123	1123	1365				1184															430							323	1184			
Congo, Republic of											959	959																											282	1009			
Cook Islands											1043								1097																								
Costa Rica											1300	1300					455							500												1549		438					
Côte d'Ivoire											1156	1156					433	1212								416													383	1213			
Croatia		388					173																						203											374			
Cuba											1244	1244																				559		720	720					416			
Cyprus		172		277																																				354			

Country list (FAO)	Crop codes FAOSTAT (see Appendix III)	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839			
Czech Republic		320				356	148									368		565										147														
Denmark		309					143																334																			
Djibouti																		1814																								
Dominica											1066	1066								1123		1123		461	461																	
Dominican Republic											1323	1323												575	575							773						417				
Ecuador											964	964	1171										348	381										576	1159		281	1016				
Egypt																	1609						320					607		805												
El Salvador											1429	1429																			580			825			488					
Equatorial Guinea											915	915																							1093							
Eritrea																										773																
Estonia										150																		339														
Ethiopia											1350		1637					489	1419				1419	489	505	505					512		794				771	430				
Faeroe Islands																																										
Fiji Islands											1080	1080					434							399															275			
Finland									299																																	
France		363	313	300	450	418	162			169						426													202	274									349			
French Guiana																																										
French Polynesia											1097								1158																							
Gabon											883	883																												929		
Gambia																																										
Georgia										182			919				481	451					451			819												391				
Germany		337	298				159										386																						316			
Ghana											1407	1407					572	1474						455															458	1475		
Greece				226													1074						146		683			307											292			
Grenada												1506						1584		1584	1584					618																
Guadeloupe											1264								1332																							
Guam																																										
Guatemala											1321	1321	1602				428					1388	428		545						562			762			453	1389				
Guinea											1349	1349																						770				486				
Guinea-Bissau																																										
Guyana											1330	1330												514	514														394		1401	
Haiti											1183	1183																						689				379				
Honduras						286					1323	1323					403					1390																	466			
Hungary		372		302		388				181								678					397		449				273									351				
Iceland																																										
India											1102	1102	1337				259	1158				1158	259	532	532					564	564							377	1159			
Indonesia											1096	1096	1332				402		1155	1155	1155	1155		421	421						402		659		1320		315	1155				
Iran, Islamic Rep of		676											1650					1430					734															633				
Iraq		250		456																																			548			
Ireland					303	278	127			132						287																										
Israel																																										
Italy		427		357		502	185																						255	329									417			
Jamaica											1213	1213						1277						530	530									705			641	394				
Japan				253		384				165			840			381																							301			
Jordan		263																																					503			
Kazakhstan										242																												535				
Kenya											1419		1721				572	1492	1492		1492	1492	572	490	490								852		1706		406					
Kiribati																																										
Korea, Dem People's Rep																409														249								319				
Korea, Republic of													1000			446								472					278									350				
Kuwait																									1433																	
Kyrgyzstan										212							543	935							597														465			
Laos											1032		1252					1085				1085										815						353				

Country list (FAO)	Crop codes FAOSTAT (see Appendix III)	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839			
Latvia										160																		352														
Lebanon		186																					216		727														350			
Lesotho																																										
Liberia											1136	1136																													1195	
Libyan Arab Jamahiriya																																							625			
Liechtenstein																																										
Lithuania										168																		367														
Macedonia, The Fmr Yug Rp		419		350			183																																	409		
Madagascar											1165	1165	1415				476	1227	1227	1227	1227	1227	1227	476	394	394					375		709				680	321				
Malawi											1254		1528				461	1325	1325				1325	461		479								774					320			
Malaysia											1022	1022	1240				351	1075			1075	1075			412														322	1075		
Maldives																		1355																								
Mali													2671				718	2315														935								733		
Malta				242																																						
Marshall Islands																																										
Martinique											1336							1405																								
Mauritania																																										
Mauritius														1205											314	314												607	272			
Mexico		329				461	278		461		1264	1264					351	1332	1332					351		591								726	726				432	1332	1332	
Micronesia, Fed States of												1117																														
Moldova, Republic of										191																														392		
Mongolia										208																																
Montserrat																																										
Morocco																		1337						251		741	1451								733			474	384			
Mozambique											1287		1565																			378		800					321			
Myanmar											1103		1334					1156													437	437						654	407	1156		
Namibia																																										
Nauru																																										
Nepal											748		910					788				788		382	382						391								277			
Netherlands		293					141																	321				153														
New Caledonia											1039																															
New Zealand		318				272	267	55	267							116																							454			
Nicaragua											1355	1355																								775			482			
Niger																		2761								1150													868			
Nigeria											1555	1555						1630							522	522						565					977	515	1630			
Niue																																										
Norway						286	262																																			
Oman		439																																						604		
Pakistan																		1533							864	864					853	853							645			
Panama											1136	1136	1378																										372			
Papua New Guinea											1114	1114	1357													449															1177	
Paraguay		533									1327																												325			
Peru		337									1005	1005	1222		1222			1059								377					352								272			
Philippines											1093	1093												452									861		624	1298	600	395	1148			
Poland						262					157						370												348	233									305			
Portugal											203			1038			524																						263			
Puerto Rico											1305																												406			
Qatar																																										
Réunion													1151					998	998						300													577	207			
Romania		365		300							171						428	673						397					397	275								350				
Russian Federation											117			491		334								319					315	216		326							282			
Rwanda												964		1175												413													305			
Saint Helena																																										

Country list (FAO)	Crop codes FAOSTAT (see Appendix III)	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839									
Saint Kitts and Nevis																																																
Saint Lucia												1341					440					1410		558	558																							
Saint Pierre & Miquelon																																																
Saint Vincent/Grenadines											1432	1432										1507			601															468								
Samoa											1126	1126					435								428												627	302										
Sao Tome and Principe											816	816								857																												
Saudi Arabia	467																																															
Senegal																	2762																															
Serbia and Montenegro	394		326				175										466	752											302											382								
Seychelles													1593							1381																												
Sierra Leone											1141	1141						1196							384														716	377								
Singapore																																																
Slovakia	320						150										369											344												302								
Slovenia	348					363	162	180									403	644																														
Solomon Islands												1060													415																		278					
Somalia																																										590						
South Africa	578												1741				397	1510														390		892				884	289									
Spain	144		222	471	410	220	598		229								615	1046					155		639	1145		325	404											297								
Sri Lanka										1351	1351	1639					464			1421	1421	1421		548	548															426	1421							
Sudan															2497			2164												885																		
Suriname											1150	1150																																				
Swaziland																																										252						
Sweden																																																
Switzerland						127											328																										268					
Syrian Arab Republic	208		389																				240																				483					
Tajikistan						199				206																																	467					
Tanzania, United Rep of											1166	1166	1419					1231			1231	1231												713			616	298										
Thailand											1249	1249	1510				436	1309							455	455					489	489		716			748	444	1309									
Timor-Leste																		1181																														
Togo											1428	1428						1496					1496		468																		463					
Tokelau																																																
Tonga											1010								1062							331																						
Trinidad and Tobago											1172	1172										1233		474																			377					
Tunisia																		1257					217		734																		364					
Turkey	541		460			225								1237				1072	1072				622		686			602	436													540						
Turkmenistan										316																																	661					
Tuvalu																																																
Uganda											1526	1526	1851				606	1605	1605					548																			440					
Ukraine						172				178							442						407						413	282														364				
United Arab Emirates	352																												413	282													613					
United Kingdom					299	275	120										284												266																			
United States of America	382	334										690					447							467																				364				
Uruguay																																												165				
Uzbekistan										302							736	1223													769												646					
Vanuatu											1042	1042													380																							
Venezuela, Boliv Rep of											1299	1299																						762								414						
Viet Nam									223	992			1205				291	1045	1045				291								447								500	331	1045							
Wallis and Futuna Is																									429																	295						
Western Sahara																																																
Yemen	401										1604																																499					
Zambia											1467		1791				476	1553							629																		438					
Zimbabwe											1464		1783				555	1546	1546					555	542																	371						

Appendix XIII. Virtual water content of primary crops per country (m³/ton)

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176	181	187	191	195	197	201	203	205
2	Afghanistan		3429	5860	3329	4755			7953									454							788	520										
3	Albania		2721		3589	1436	1745	4717										385								191		2952	1774							13392
4	Algeria		7092	10273	7017	3731		8344		1513				2096				529										13893	12576	16181	7336			25992		14996
5	American Samoa																		865		2031	586			12254											
7	Angola		2616	11953		7155			6161									1004	668	1094					359			8566								
8	Antigua and Barbuda					2905													730	1834		2453	895													
9	Argentina		738	1351	634	469	2273	925	1111	427					1670		2101	124	361	366					165			1436	187	1381	1016			2173		
1	Armenia		1595		2871	1702	693	2477									3704	506										2063		3584				10384	7604	
10	Australia		1588	1022	1425	744	6513	1553	1951	1081				1375	4769			150	365						141			2791	1853	2507	1960	5623	5111		3884	
11	Austria		981		967	357	442	1079						75		680		118								60			752	901						
52	Azerbaijan, Republic of		1469	2339	1588	1984	835	2848	60763	79246								635								342		2394	953					4601		
12	Bahamas					2098													569	839					509								4907			
13	Bahrain																	876																		
16	Bangladesh		1408	2831	4579	2136			3079	2435								315	309						240		289	3410		3768	2256		4583	5182		
14	Barbados					1736													501	276		2080	376		236											
57	Belarus		752		761	1367	107	857			3679			148			2026	320								116		1449		2126						
15	Belgium-Luxembourg		1168		1237	597	1079	1971						116		1043		141								108		1206	827	940						
23	Belize			3879		1469				1034								391	456	568	900			888	715	234			3353							
53	Benin			5076		3146			3378	3744			5755					1039	933	637		1887	339		366			4084								
17	Bermuda																	198	526																	
18	Bhutan		4179	4914	4960	2009			2994		2358						2181	255						244	262											
19	Bolivia		3545	5269	4529	2058	5382	3494		1342		4234					4526	773	1051	573				670	288			2983	3401	2276	2745					
80	Bosnia and Herzegovina		2345		2458	1246	1002	2688										560										2640		2385	2800	1932		18476		906
20	Botswana		1690			18386			12292	16293														332												
21	Brazil		1616	3082	1373	1180	2912	2396		1609	1824							241	392	400			217		155			3955	9364	1123						
239	British Virgin Islands																																			
26	Brunei Darussalam			5765															670	504				2600												
27	Bulgaria		819	2269	812	1522	322	1248		1916				416			2082	461								309		5970		1679	1715			6730		
233	Burkina Faso			6420		3105		5274	5314				5831					1589	835	4960			769		190							453			3431	
29	Burundi		4666	3162		3534		2447	2790									1283	537	703		1515	349		159			3148		5049			3271			
115	Cambodia			4733		1691													1106	556				250	523			4097								
32	Cameroon		2070	2664		1262			2034	2235								1125	609	438			314	459	1070			2577				912				
33	Canada		1491		1120	353	1588	1347			1782			32	2329	826		106									63		950	964	874	956			2252	
35	Cape Verde					7684												357	911	664					944											
36	Cayman Islands																		1394	3456			655													
37	Central African Republic			6073		3294			2356	3090								2082		2019		2241	454		1651											
39	Chad		3032	10436		6471			9881	7665								4305	962	2072	1193	3595	469		201			7737								
40	Chile		1442	1355	909	152	1485	1093										86	240							29		757		977	1097			2148		
357	China		690	1321	848	801	391	993	1863	863	1507			311				1065	276	230	345		310		145	117	149		1867	1467	2186	704			3583	
43	Cocos (Keeling) Islands																																			
44	Colombia		1496	1906	1653	1776				908								270		572				220	224	123			2502						15436	
45	Comoros			8408		1799												353	1783	1160			486										4082			
250	Congo, Dem Republic of		2595	12768	5244	4497			3933	4682								900	761	743		1581	368	324	236			5213		4332						
46	Congo, Republic of			11889		3396												429	504	562			448	263	237			2879		3022						
47	Cook Islands																		157	272				103												
48	Costa Rica			2331		2068												228		558			212	379	153			6007								
107	Côte d'Ivoire			3638		3308			2970	5461			5708						1877	1035		4395	338		172											
98	Croatia		1669		1832	873	869	2343	1029	780	956					1218		462								136		1126		17477		663		2995		987
49	Cuba			3712		2291				3710								193	740	1838	1227			265		379			4417							
50	Cyprus		1845		2273			3014										307					325					4141	2994		1834	2224		15865		5083
167	Czech Republic		1180		1248	564	487	1535	1657					80		1677	1016	185								93		1509	1420	1087				6769		3430
54	Denmark		668		831		287	842						36		1472		89								71				707						

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176	181	187	191	195	197	201	203	205
72	Djibouti					3760																														
55	Dominica					2692												394	791	638	894	661	171		516											
56	Dominican Republic			2319		3620				1600								390	643	1141	1005		520		390			4431	2588	3338			3873			
58	Ecuador		4270	2469	4086	2735	4706	4324		1783		4643						421	980	1084				1002	139	848		4191	3094	4798				11589		
59	Egypt		930	1565	2208	1031	3300			909								308	345			392			140	188		2112	1814	2887	1886	2034		5100		2445
60	El Salvador			2007		1940				2346								290	711	574	430				180			3670								
61	Equatorial Guinea																		1234	1812				440												
178	Eritrea		7126		6946	9655			12120	7396							7739	812						1855				7862	9280	11253	6842			9655		10000
63	Estonia		736		775		86	760			1746			792		1752		260								437		989		1785						
238	Ethiopia		2927	28219	3586	2312		3633	3037	2753							3304	675	521				806	415	133			4116	3256	4255	2450				8343	3467
64	Faeroe Islands																	147																		
66	Fiji Islands			4331		1401				957								528	476	427		541	152	682	218											
67	Finland		1274		1252		2035	1271								1016		143								98				1390						
68	France		895	1553	886	482	492	1256		494	1107			116		861		112								67		1036	583	605					3044	
69	French Guiana			3792		6207													1091		1472				173											
70	French Polynesia																449		328					200	149											
74	Gabon			3915		1564													1731	884		812	285		154											
75	Gambia			6943		3055			3296	3618									3110																	
73	Georgia		1454		1703	2281	416	2577			21985						404									1043		3443		4559						
79	Germany		757		826	442	352	1009						61		678		97									77		584	809						
81	Ghana			5215		2354		4845	2893	2931								3760	520			1030	264	678	508											
84	Greece		1213	1520	1112	706	2312	1396		1890						2675		270	340							121		2536	2253	2079	1741			5108		3390
86	Grenada					4690													1716	1345			1586	538	323			3560					3212			
87	Guadeloupe																		340	711			263	288	210											
88	Guam					1630													253					202												
89	Guatemala		1999	3919	4734	2327				2966								233	2572						129			4442	4649							
90	Guinea			6479		3331			3099	4232			3555						686	1174		1116	312		242											
175	Guinea-Bissau			8037		4020			4140	4303			6077							514				722	533											
91	Guyana			2716		2762													559					615	214					5653						
93	Haiti			4751		5150				4954								337	1125	1603			533	1498	221			4398					4254	8125		
95	Honduras		6225	4352		3033				3414								360	1119	1250					496	153			4103							
97	Hungary		556	2621	637	666	186	887	2572	1479	2657			251	3882			196									94		2260	2681	1372				5090	
99	Iceland																		163																	
100	India		1654	2850	1966	1937			3269	4053								213	277	283					159			8335		3040	2712		4066	6652		
101	Indonesia			2150		1285													275	409	460				452	164		2189	2992							
102	Iran, Islamic Rep of		2925	3227	2979	1161			6828										355						187	283		3100			11066			19339		
103	Iraq		8326	12040	9581	7321		5875	9610	7040								602							973	557		9175	4474		6018	7000		18245		10523
104	Ireland		514		588		860	559										99								69		336		537						
105	Israel		3331		7335	559		8780		381								190	241											4845	1594			19929		
106	Italy		2421	1679	1822	530	1022	2864		582							985	209	376							117		1693	1815	1286	1988			6625		3622
109	Jamaica			7537		3387												306	219	367			187	148	202			2974	3100	3435		2862	2675			
110	Japan		734	1221	697	1493		1464	3100		3450							113	170			428	81	112	120	71		1422	1746	1300						
112	Jordan		3627		5148	711				487								319											50000		2901			13026		7630
108	Kazakhstan		2209	3642	1946	1958	218	2098	10205	1488	9047						3874	607								350		4820		5405	4378					
114	Kenya		2130	2825	1426	2648		3300	5861	4066								849	557	768				598	173			8113		6455	8132	8077	6937			
83	Kiribati																					1870		247												
116	Korea, Dem People's Rep		1663	2379	1711	1603	622	1919	3380	2920								376	359									2870								
117	Korea, Republic of		988	1301	825	1042	662		3070	2312	2555						2064	170	232									2541								
118	Kuwait		2991		3064	708													351																	
113	Kyrgyzstan		3258	4414	3745	1025	4195	3168		5168								439								334										
120	Laos			3085		1347												604	550	480					312			2673								
119	Latvia		609		851		97	916			2408			172		1812	1931	266								89		1294		1616						1836
121	Lebanon		1643		2725	3240		2590		2510								272				406			546	149		2497	2050	1665	1739			6895		3862
122	Lesotho		1869		7833	3271		1514		2376								222										2215		3479						
123	Liberia			7472															385	887			767	308		1076										

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176	181	187	191	195	197	201	203	205	
124	Libyan Arab Jamahiriya		8524		13593	4741			7235									444										2479	5578	4122	3626						
125	Liechtenstein																																				
126	Lithuania		586		748		128	949			3197			200		1772		268								104		1302		1940						1484	
154	Macedonia, The Fmr Yug Rp		999	1930	1048	1216	397	2087	4812	2838								379								159		1263		1142	1915	791		7535		2869	
129	Madagascar		1162	4347		3792				5714								798	827	794		1040				349		2981		1868		2724		7440			
130	Malawi		4522	6080		3099			5307	5625								373		687						126		7716			5116	4130	4932				
131	Malaysia			2948		1407													296	542					441	141											
132	Maldives								1886										4822	1621		1077			627												
133	Mali		3312	7720		4565			6486	6577			7706				14281		791	1188					580		303					10749			5527		
134	Malta		869		882													245										1991								1432	
127	Marshall Islands																																				
135	Martinique																		483	2924				347	237	199											
136	Mauritania		8550	4512	5473	8993			23482	15766								1845	7140					1094				6524					16604				
137	Mauritius					434												198	315	299		712			133												
138	Mexico		1066	2182	2120	1744		2243	4534	1212				1765	5253			203	169	625	2175				125	171		5627	4350	3665	1588			6336		304	
145	Micronesia, Fed States of			8169		2700				1136									585	548																	
146	Moldova, Republic of		821		1058	1485	229	1552	8147	2442	6349							725									222		3075		2407					3339	
141	Mongolia		8556		8521													648																			
142	Montserrat					2363												1403	1990																		
143	Morocco		4596	2659	6909	12645	5910	7668	4043	6946							2580	325	473						184	151		9742	9136	10341	4869			23709		12755	
144	Mozambique		2970	9836		4151			4412	4034								395	778	1061					474	881											
28	Myanmar		2656	2686		1636			3198								5603	443	619	501					223		493	2999		3197	2311	2897	3378	9119			
147	Namibia		610			4226			9859	10923														298													
148	Nauru																																				
149	Nepal		1888	2766	2669	1484			1875									299							442	213			3271		2083		2598	4286			
150	Netherlands		619		718	408	347	817						74				78								65		685	307	513							
153	New Caledonia		1447			768				1520								342	994	689		1523	304														
156	New Zealand		692		656	103		853									185	25	75											222				575			
157	Nicaragua			3298		3209				2058								408		660				939	184			4161									
158	Niger		3555	5900		11068			15619	35867			11936				11142	766	553	810								12460				49269					
159	Nigeria		1979	7036		3022			2568	2950			6186					1473	960	662		1159	395		484							6097					
160	Niue																		225	859		716	2134														
162	Norway		797		938		952	846						101				116																			
221	Oman		2105							1734							3158	205																			
165	Pakistan		3286	4060	6716	3396			9300	8925								389	247					239	339	334		9941		8599	6491			11534			
166	Panama			3858		2179				1054								262		532	1089		490			205		5256						5735			
168	Papua New Guinea			5261		665				1052								1000	856	556		1305	122	146	228												
169	Paraguay		2205	2415		1626				2141								972	801	395					292			4062	3480	3129							
170	Peru		2278	1387	2402	1397	3530	2746		793		2456					2506	350	238	470	1212			392	82			2764	2354	2477	943			4838			
171	Philippines			3122		1903												334	718	729		1248	637	567	148			3394									
173	Poland		503		553	563	101	687			2006			170		1128		203								84		1173		1230						2625	
174	Portugal		2126	1632	2135	917	5048	2864						1047				287	755					128		118	107	7599	5551		2926						
177	Puerto Rico					2480													609	1575			484	813	358			4833					2461				
179	Qatar		3564		2466	936												1125																			
182	Réunion			3580		384												157	287	583					126			2375									
183	Romania		759	3480	758	1271	236	1316	4511	2218							1377	305								190		1722		1901							
185	Russian Federation		2375	2401	2359	1397	2523	2744	2892	2382	3641						2834	329								189		1891	2279	1681	1437			4756		2142	
184	Rwanda		4564	3257		4132			3262	3047								530	599	1348		2195	712		234			4086		7148							
187	Saint Helena																																				
188	Saint Kitts and Nevis																	398	955					813	1324	209											
189	Saint Lucia																		369	2415	1315	1578	878	821													
190	Saint Pierre & Miquelon																																				
191	Saint Vincent/Grenadines					1680													2771	1266				396	473	561											
244	Samoa																			460		1514	510	341	932												
193	Sao Tome and Principe					1049														429		528	336	158													

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176	181	187	191	195	197	201	203	205	
194	Saudi Arabia		1989		1625	7152			7496	5988								477																			
195	Senegal			6012		5595			6777	6917							7335	683	1877	2708					217							11386					
186	Serbia and Montenegro		687		845	1028	334	1237		893								510								122		2270		1708		891				967	
196	Seychelles																			1336																	
197	Sierra Leone			7185		2706			2226	2519							2252	1478	1002		2464				146				1984	2822							
200	Singapore																						244														
199	Slovakia		465		584	646	132	871	2196	1158				197				231								88		1522	457	1259				3860		4259	
198	Slovenia		499		565	553	147	825	2456		2273					1302		189								81		219		599							
25	Solomon Islands			2912															269	345		326	86														
201	Somalia		18070	9740		8882				18173									666	1099					610			19861									
202	South Africa		1366	4035	1943	1609	60777	2489	4509	1189	7034							170	1600						197			1924		2633		5672					
203	Spain		1227	1485	1070	646	3114	1751	1383	721				643	4343	5465		202	396					119	133	113		4786	3931	3088	3584			10589		6362	
38	Sri Lanka			3168		3871			4327	4878								437	692	848						234			3626			3331					
206	Sudan		3101	15022		9288			20198	9071								1080	456	6356			2188		257			2454	2191		2266						
207	Suriname			2692		1909													564	394				367		288											
209	Swaziland		1904	1625		2007				4400								2028	2800						111			2941					5032				
210	Sweden		780		1094		903	1187						84		962		118								83		1433		968							
211	Switzerland		748		689	320	687	788						103		577		87								52			598								
212	Syrian Arab Republic		2214		6728	2902		4056		9035								422							1730	269		5372	3729	5017	5436			14448		12326	
208	Tajikistan		6622	3636	10159	1575	9775	20152		2255	168							567												7697			21779				
215	Tanzania, United Rep of		2526	7171	1641	2801			2895	3419								556	2328	642			377		132			4402		7275	5244	8516	4215				
216	Thailand		5084	3780	1400	954				1807				8525		959	408		387		595		273	195				3215									
176	Timor-Leste			3321		1865												1967	995	1267								7334									
217	Togo			4604		3277			5219	4036							2178		1420	1063			6072	321					9830								
218	Tokelau																							137													
219	Tonga																		338	348		655	120	234													
220	Trinidad and Tobago			3270		1374												588	520	690	677	323	353	205								697	1012				
222	Tunisia		2787		4125			32673		12331				1071			2240	398								216		9660	6666	5854	4143			17575			
223	Turkey		1531	2059	1360	1531	569	1587	3181						4022	4105		243				1699				154		3186	1798	1921	3292			7234		7581	
213	Turkmenistan		1909	16089	10526	10903												1589												3652							
227	Tuvalu																																				
226	Uganda		2270	7776		2740			2122	2742								949	1350	677					1119			5982		5678	4549	3296	3629				
230	Ukraine		720	2637	894	1362	157	1035	3207	3589	3961						1933	407								218		1618		1932						1729	
225	United Arab Emirates		15706															242																			
229	United Kingdom		501		650		686	622						95		545		74								56			677	557							
231	United States of America		849	1275	702	489	332	1024	2143	782	2850							106	286			373			103	84		1480		1236		2965		2852			
234	Uruguay		904	1118	875	739		1709		583					2115			211	561							183		2476	592	749							
235	Uzbekistan		1364	6913	3782	2360	374		2469	1900							11736	562								546			2401	7118	7580						
155	Vanuatu					6110																		247													
236	Venezuela, Boliv Rep of		9410	2102		1237				1508								296	474	543	773		355	189	215	467		3822		3164			3856				
237	Viet Nam			2255		1256												324	436	646								3614									
243	Wallis and Futuna Is																			552		500	184	328	557												
205	Western Sahara				9134																																
249	Yemen		3843		5249	4063			6802	5175							3080	403	435									2908	3363	3721	2767			10493			
251	Zambia		791	11532	5119	4025			5406	6428								720	336	1489						147											
181	Zimbabwe		782	5163	703	4027		2151	11236	6046								382	2677	1765						144			4417								

Global average	1334	2291	1388	909	901	1597	4596	2853	2360	3306	5008	228	2519	1105	3261	255	303	605	922	1138	380	416	175	113	858	4253	2050	1502	3230	10845	4103	6166	4123	3826
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Country	Crop codes (see Appendix II)	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	
Afghanistan			4418				6747	6284	12709				9562				12749			5183						8055						7773	20479					
Albania			12951			3332							7836	3534			5565			2871												5600						
Algeria			8230				16762								6918			8910			6800	3876										12873				823	1949	
American Samoa																5434																						
Angola					28099										12239		1091			45972	5315						13374						6957					
Antigua and Barbuda																																49613				1261		
Argentina		753					4229	4166						1107	1702			2555			2898	3981			8721							4320	2971				578	
Armenia			6014				17371																													290		
Australia		1808					5236						5498	2106	2623			5934			5305	4881			10356		2898					1887	3944			225		
Austria								2059						1587							1197	1341						555							3791	81		
Azerbaijan, Republic of			1668				36025	2671			14474		8671	6032				19270			6139											8068				431		
Bahamas																																						
Bahrain			8406										11915																							551		
Bangladesh			2956								16136				2546	3733				14451		4675				4076						2405	4796		2972	415		
Barbados			2974												2029	4863																				765		
Belarus							2144			3202			3685								1783	728										18141				200		
Belgium-Luxembourg			1059				4167															1841											5811			274		
Belize					7575									1182	2250	2641																				248		
Benin			5830		65902					51584				4651	6587	9288	1330			23133						4774							6242					
Bermuda																																				310		
Bhutan			3163											5492													4772											
Bolivia						9539								1570	3644						4215											6641				548		
Bosnia and Herzegovina							8600	5029						3029							7234	2518														448		
Botswana			9021												6846						4436											2639						
Brazil					45402			6580					14926	1076	2087	1590	1060	10717		21179	2410	2302				4335						2777	5192					
British Virgin Islands																																						
Brunei Darussalam																6655																						
Bulgaria							11106	7069					3144	6541	4497						4458	2494										6593			2397	304		
Burkina Faso			5860		50072									4186	8071												8851						7857					
Burundi														2721	4058		932																7168					
Cambodia													7134	2555	5300	1797				11750							5704						3856					
Cameroon			3844							29571				4662	6034	4000	565										16257			5842			4760				360	
Canada														1203							1543	1765			1976		1012						2032			147		
Cape Verde			43559													4914				23450																264		
Cayman Islands																																						
Central African Republic			3990												4387		1467										3259						9542					
Chad			5487												5588												12863			8792			14285					
Chile		424					4674	5107									2160				787	884											1378	1240		77	1045	
China			1674		20554	1417	3066	4502	3823		4880	2215	2539	2617	1129	749	487	657		7704	2248	907			2503	2568	2984		1552		1419	5070	1706		224	1738		
Cocos (Keeling) Islands																1475																						
Colombia			4577											1263	2556	1577	610									4229						2565			774			
Comoros			3598												4956	4638																						
Congo, Dem Republic of			4994											4496	4756		2510									6529			6899			14320				299		
Congo, Republic of															4721	2823	774									4656										297		
Cook Islands																4827																						
Costa Rica													19713		3652	2871	757									5117						5890				685		
Côte d'Ivoire			5381		17601					16574				2392	4375	2345	1153										4960						4227					
Croatia							2221	3559						2269				3750			2006	2103						1213								354		
Cuba															3510	5653																				265		
Cyprus			4576				25242	19984	90685		19695				1364			4190								14161									167	608		
Czech Republic			1642					4527						2834							1511	1395					1312	784					4580		3497	110		
Denmark			1121																				1193				1783						3059				131	

Country	Crop codes (see Appendix II)	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	
Djibouti																																						
Dominica		6731														3408																					453	
Dominican Republic				63139											3499	3380	871																				388	
Ecuador	6356												1395	4149	1421	770			11038	2046						4634					3518	8684					324	
Egypt	3139	2831						7741					4946	2815	2122			1603			1048						4552					3028	4076			243	842	
El Salvador				16161										1408	4930	1268		15100									4672					4001					686	
Equatorial Guinea																4142	909																					
Eritrea		6603														5445											14482						23031		12189			
Estonia																						317											5269			231		
Ethiopia		6790											11510	892	6594				12010		6518				12127	6597						6075	9357		11865	584		
Faeroe Islands																																						
Fiji Islands		2898													3950	3476																					555	
Finland																						1938															154	
France	956	780				2982	1572	3543			3580			1756				4136		1596	1390						1100	1833					6322	5941		191	1183	
French Guiana																3495																					407	
French Polynesia																2708																					459	
Gabon		3945												2453	2907		1081																					
Gambia	20262														5199	1796											13651						15965					
Georgia							5425	3955			4461			4102	5983						6325												8733				584	
Germany								1963						2072							1339	1128						1045	780					2776			73	
Ghana		43081		19431						48181			102035		5567	2579	1505																	7555				
Greece	4450	3120			6784	7247	7637	6653			7419			3125	1474			2606			943						5962			1653			1534			218	882	
Grenada																5361																	29280				628	
Guadeloupe		1121														5964																					599	
Guam													4267			2062																						
Guatemala		537											2644	918	4475	3948	862										5681						2797			452		
Guinea	4679													4370	3768	5009											14350						4617					
Guinea-Bissau	7280		34506												4539	3264	1858																5524					
Guyana															5049	2820																					1091	
Haiti																4292	4203			18671							11427						14673				824	
Honduras				40198										1240	3960	1567	700										2895						3114				186	
Hungary	3619	4543			2657	3089	4190				3775			2289							2311	539							1060				3719	4417	2130	153		
Iceland																																					59	
India		3078		15340			11721					9985		4124	3420	2255				9807	4304	2618				6864	8415						8264	11080		8023	180	
Indonesia		6020		26788								24495	19892	2030	2231	2071	635			44681											8086	4453					299	
Iran, Islamic Rep of		5264				11133	5029	14845		12170			7135	5195	2284			2877			12254					13000	7762					4363	12225		5025	373	1084	
Iraq						13915	16413						10240	10283	2879			4284			1797						12978					6900	21024				732	
Ireland																						1021															71	
Israel		5874					7081							7852	949			5420			1689						516						1554			2400	189	1671
Italy	2315				3308	5968	2618	11304		5222			5684	1506				2151			2104	5095											7020				256	800
Jamaica															3073	3829																					303	
Japan				6733										2326	1366								974														99	
Jordan					5433													8757									6810										291	
Kazakhstan														5864	2934						12841	1409				13299	7626					3304	8510		2591	393		
Kenya			1827										9405		3589	3455			47447	5800							7840					12770	4250				429	
Kiribati													19356			3451																						
Korea, Dem People's Rep					5016								5595	3848																			2475				226	
Korea, Republic of		2783			3475		3675						3423	3355	1889							1384					4688								4831	81		
Kuwait																																					249	
Kyrgyzstan		2370				9600	5392			14619			9510		4176						2402												2831	1944			348	
Laos		2730												2495	2989												4224						1689					
Latvia														17830									343										11045				213	
Lebanon	1921	3419				2289	2724						3378		1916			4394			798						2576									152	994	
Lesotho																																						
Liberia		5933											12875	6575	6517	4097	1056																					

Country	Crop codes (see Appendix II)	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	
Libyan Arab Jamahiriya							31347								4466			8016																			502	
Liechtenstein																																						
Lithuania		3899	1713																			368						3020						8846			178	
Macedonia, The Fmr Yug Rp							3611	4281													3892	1157					2277		1482				19800				263	
Madagascar			3530		22687				21557					2643	5790	4803	989			32075													4187				285	
Malawi													13346		5385						6744												8891				644	
Malaysia					4604							6463			887	2821	552																		3190	114		
Maldives			5005									23326		2363		3103																						
Mali			9567										32908		7965												30651			42191			10252					
Malta																		7664																			164	
Marshall Islands																5745																						
Martinique																6155																					367	
Mauritania			15325												9035																						193	
Mauritius															1256	3084																						
Mexico			2601		73618		5427	5598	25496				9853	3177	2811	1954	1349	3166		22922	3793	2477			12344	3558	6321	747		34768		2127	886			145	887	
Micronesia, Fed States of																2539																						
Moldova, Republic of							3253	3893			6742		3608	5210							3536																480	
Mongolia			4405																																			
Montserrat																																						
Morocco		7033	6361				22054	8199						7791	3310			9409		22840	3816	5607					7822						2985			254	981	
Mozambique			8366		10878										7114	3312				32814	8133						6915						15029					
Myanmar												9457		2580	3125	1551					5829						7268	2608					8698					
Namibia			4159												8474						6584													5436				
Nauru																2454																						
Nepal			1664				7763							4042	4889													1724					7445	6624				
Netherlands																						1182						386						3060			106	
New Caledonia			5378													1823																						
New Zealand																						782												475			79	
Nicaragua														1472	1523	2851	509										8724						3178			3288		
Niger			17289												15760												23288						5324				1207	
Nigeria			12407		20572					16735			7540	5847	5779	3714	5825										6316			4191			8676					
Niue																12963																						
Norway																						1374															82	
Oman																																						
Pakistan			1954				3111	1469	7521				8000	5587	4813	3833				19648	1892	2519				6305	10404					4590	11904				254	
Panama			8958											3249		2971											5728										316	
Papua New Guinea			6180										20359		4815	3275	708																					
Paraguay														1441	5531		1317			9171	4147						6869						5886					
Peru		2065	2155	23728	1654	3955		2360					5682	1629	2077	841	547	1783									2170						3213	4229			340	929
Philippines			3638		22310								10381	1762	3439	3031	821			12788													5855			7107	381	
Poland		1980	1209																			266												5220	7326	3607	95	
Portugal		3550					8568	19401	6178		9665		10682		1648			8109			2434																223	
Puerto Rico																2202																					355	
Qatar																																					675	
Réunion			3975												3380	2213																					423	
Romania			3501			742		467						3037						14032	3420	718					2528	1069					8715	3468	37524		200	
Russian Federation		2271	3317			1503		6103			2922		941	3933						4555	3496	3265				5073		2384					5676	30882			166	
Rwanda													7637	5758																								
Saint Helena																																						
Saint Kitts and Nevis			3350												3034	2402																	17973					
Saint Lucia			1815													3458																						
Saint Pierre & Miquelon																																						
Saint Vincent/Grenadines			3810												4002	4013																						
Samoa																1906																				7580		
Sao Tome and Principe																4061	685																					

Country	Crop codes (see Appendix II)	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	
Saudi Arabia		4765												2485												8404												
Senegal		16740		78967								20240		10298	9112	2622										10058			40098			13845						
Serbia and Montenegro						3323		4457					2346					6761			2244	714						1242					71239		367			
Seychelles															3013																							
Sierra Leone		5709								41507					5119	12686	1407									3697												
Singapore															1272																							
Slovakia		713						4647					2649							2000	382						1781	1245				2633		2233	175			
Slovenia						2694		278					2334					2280			2440	2336														118		
Solomon Islands		2335											11104			1307	628																					
Somalia														9724	6070											16674							26756					
South Africa	2771												4815	2750	2859					21154	4356											5449			4625	226		
Spain	5790	6849			7022	19805	2830				13253		4208	2714	1222			3295			1367	3284			1693							1325	7510	2111		167	656	
Sri Lanka				45557										3268	7120	2991										6049	2320									422		
Sudan		6458													9938					35730	12755					31805						8315						
Suriname		4056												2898	2814	1529	5642																			241		
Swaziland		4020												3589																		7997						
Sweden																						1459											3701				82	
Switzerland								2387						1140								965	1032													171		
Syrian Arab Republic	6583	3909				4841		8730					6112	7720	3723			9851			1041					15712						1988			369	1452		
Tajikistan		5062				11109					7702		5411	28138	21116						21525	26211			20607	17776						4766				776		
Tanzania, United Rep of		7682		7771									11810	7345	6136	10601	864			18103	10522					7974						12193						
Thailand		3639		10260							8126	10027	1969	2773	3096	779				19784						4543				3756	3858					425		
Timor-Leste													3140	3751																						1646		
Togo		6790		11688											10705	4277	1597			161585						10768						7084				386		
Tokelau																2498																						
Tonga														7731	1422																							
Trinidad and Tobago		6604																																			250	
Tunisia		4364				35940		211334										18509			2406	7073										3600	3033			464	1509	
Turkey		4542				7599	3971	5453	7159		7043		7517	2681	2002			4274			3833	950			6321	9449		3251				2320	10398	39741		304	900	
Turkmenistan						16231							5993																			5107					1230	
Tuvalu															14789																							
Uganda													3503	8291						47367	9534					7488						27006						
Ukraine						6620	8805	3525			5373		6438	4273						14193	3664	664					620						18526	34302	4502	308		
United Arab Emirates						2075																														193		
United Kingdom		607																				876											2019			101		
United States of America						2163	2437	2405			2765		2834	1869	1150			777			2532	784			2119		1628					2535	3204		195	567		
Uruguay													1403	6480						3562		4925											2062			801		
Uzbekistan						8365	6411	11410			11382		4277					10214			3783	1656			7431	8462						3682	23368		5111	154	1150	
Vanuatu															3757	2744																						
Venezuela, Boliv Rep of													1072	1974	2643	1031					4267					5047						5355			191			
Viet Nam		3124		6301								6046	1541	1961	1719				11338							6052						4886				184		
Wallis and Futuna Is															20980																							
Western Sahara																																						
Yemen		2277					18311																			8450							8402			781		
Zambia		6989												4227	15390						8284												7038					
Zimbabwe		6957											17643	2745	2965						7799											9173						
Global average		1865	3929	196	19271	3094	9769	4235	10864	22103	6876	8999	7692	1789	3145	2545	1053	4393		10500	3069	1611		12344	5567	8888	1575	1741	4215		6568	3644	4420	3052	2049	211	855	

Country	Crop codes (see Appendix III)	367	372	373	388	393	394	397	399	401	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526	530	531	534	536	541	544	547
Afghanistan																									788			1186			1239	1624	1682		1560			1658	1577	1646			
Albania					191										379		788								649			1154				1367	1265		4115	2773	1707	738	1312				
Algeria					362	228	345	365	704	342		577	2012		800	1666	1084		740					5668	390			1169	1382	1204	1243		2485	2417		3496		10811	3054	3972	6558		
American Samoa																					628				539	5324																	
Angola					1225						3672														596	1643					1639												
Antigua and Barbuda					737		455	516	628	1012		1075			637				1129						808	1602				2731													
Argentina	1823				110		181			320		307	816		442	2195		472	192						487	604		451	564	257	388		385	385		854		1858	929	1445		508	
Armenia					233	363		417				388	658			813			184						298								2078	2482		1399		3584	1434	1543	1292		
Australia	2229	196	329	94	474	313	385			379		219			641	466			157		535				188	819		525	634	465	536	796	735	572		1649		2762	1678	1634		332	2885
Austria	826	72	62	27				42		91		90			174	255			76						108								141	139		755	776	569	679	403		241	
Azerbaijan, Republic of					356			502	1385	3285		681	896			1916			313						203			1207	3453			1182	1724	1049		979		1957	1186	1583		2366	
Bahamas					363							852													401	816				321	483												
Bahrain		162			305	287	555	785	921	110		327							895						1367	3041				1666													
Bangladesh		443	444		613	290	295	605				1485	1887		342										494	809		2419	2952	2511	2212												
Barbados		319			727		243	481		760		614						562	766		532	1245			458	2994																	
Belarus					472			248				566							81																								

Country	Crop codes (see Appendix II)	367	372	373	388	393	394	397	399	401	402	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526	530	531	534	536	541	544	547		
Saudi Arabia					384		453	201	912			460							710	522					259							2163													
Senegal				1058								945			537										547	1722		2231																	
Serbia and Montenegro				580			561		593		869	1410		698	1562			276										753					993	1357		1466	2272	1886	1246	2076		1090	959		
Seychelles				825																					617	3240																			
Sierra Leone				496																					713		2568					1442													
Singapore																									225																				
Slovakia		291	249	183	295		274		267		388	863		608	1002			101							226								214	42		442	2529	140	905	138		871	1103		
Slovenia		402	364	168	517		483		369		266	532	554	668	1271			85														205	251		379	1063	250	647			202	813			
Solomon Islands																									240	4311																			
Somalia																									1114	1449		2407		2992	1672														
South Africa		355		153	221	201	445				493			699	843			232		630					455	1139		439	417	410	393		498	589		1043		2841	1290	1492		987			
Spain	2184	36	57	53	56	49	64	152	38	67	82	446	49	155	372	298		109						6987	81	266		362	405	337	248	390	501	533		1474		2989	659	1179		190	1715		
Sri Lanka				740		203	382	594	1624		937		326	474				426							467		1363	7334		3344															
Sudan				711		232		251	1061		1710	680													936	739		2031	3697	1246	999														
Suriname				326			118								131										253	653	972	1058			1332	1068													
Swaziland				326																					640	3413		1611			835														
Sweden		105		12	172		63				107					602			26						166								422	639				1610		1105		696	3175		
Switzerland		104	112	29	210		29				68				233	398		42							94							97	47		588		1172	342	2391		151	386			
Syrian Arab Republic		71		147	83	287	523	459	166	132	297	589			410	754	539			570				228	578		426	648	600		427	1487	1913		2870		3045	2133	1170	1700					
Tajikistan				308			1118					687	962		313				236						295			790		3899			5816			3870			6256	7570					
Tanzania, United Rep of				498							2296	1164									1109				641	5731	5731					1615													
Thailand	2387	185		253	435	207	343	651	310		554	1384		520	1558	752				518					612	1144		501	501	2840	4918	2334													
Timor-Leste				2962		2789						9418		1592											3856	584		1051																	
Togo				1502																					1119	1579		2303																	
Tokelau																										4750																			
Tonga				214		247																			3480	7771	1032	1583		2624															
Trinidad and Tobago		622		391	423	194	249	209	843																439	2730	4006	1727		2759	990	1027													
Tunisia		67	123	133	88	309	218	466	214	78	291	1386		354	560	1257		937						5594	179			697	1045	627	445	890	3006	2711		3719			2892	3079	2016	369			
Turkey	2263	231	234	170	341	277	202	238	313	638	326	888	284	489	810	701	639	149	1771					2371	392	395		272	395	294	193	639	419	942		1223	1132	999	564	895	2105	450			
Turkmenistan				745			1444				1199	3184							226						779								7354			2570			6122	2842					
Tuvalu																									583																				
Uganda				900							2475														829	4014	3083																		
Ukraine		191		453	502	145	415	733	551		571	994		406	1646			115						6570	341							2089	907		999			1874	3914	1620		832	1153		
United Arab Emirates		142	27	77	92	183	143	65	125	158					165			270							133	2742				638		888													
United Kingdom	1806	87		8	205		6		14	311	83		162	165	217	424		23							201								255	346				2244		518		229	527		
United States of America	1922	87	103	70	229	340	237	139	151		108	259		469	339		402	54	862	337					78	437		149	185	161	137	140	252	196		552	752	825	372	498		90	566		
Uruguay				229		456			550		1059	2040		1015					481		2869					717			626	489	1270	486		532	747				1254	1607					
Uzbekistan		523		229			668	408	566		311	996	815	747	2392	1258		111							1410				1385	1472	828	828	2482	3813		2712	3055	2751	2515	2020			1953		
Vanuatu																									276	1062																			
Venezuela, Boliv Rep of		159		261	182		248	352	329		346	1121						573	164						253	845	1584	617	673	630	931								3219			538			
Viet Nam					121							1816													225	911		1207			694														
Wallis and Futuna Is																					1020				1806	2462																			
Western Sahara																																													
Yemen		683		390		406	308	476	844		575	610	482	416				497	524						489	2224		1090	1229	1476		2965	2489	5193		7349			5158						
Zambia				466								517													757	6119		2782																	
Zimbabwe				742								590													820	3690		1825	1620	1563	1284	1930	1419	6440		5437				3248	3750	2359	1954	5244	
Global average		1473	133	144	184	159	234	242	208	323	214	346	518	200	359	343	785	403	131	418	509			5746	273	859	2478	457	578	559	356	1875	697	727		1391	1343	1543	1194	1612	1881	276	713		

Country	Crop codes (see Appendix II)	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687				
Afghanistan						474	1190	511	511	3316										1696																									
Albania							333			3755											195					189																			
Algeria							3007	436		9627					4562					2770	627				1543	329					195														
American Samoa																				1954																	164918								
Angola													419							2574															347127	153033									
Antigua and Barbuda									319		2686		561						2199																										
Argentina							373	327	184	2368	1390	1331	222					620			91	98			82	108	207											9120			1880				
Armenia							782	248													383													242											
Australia			622				994	463	287	187	3879	3156	2722	115				1274	653	1491					192	302																1604			
Austria	486	321					303	481													70				190	24	126	179				28										2445			
Azerbaijan, Republic of			771			869	627	1279	550											2175	844														168			41005							
Bahamas																			1628																										
Bahrain							5623	1459	8890						1155						2777						56																		
Bangladesh							814			299		2909		379				1192	1076																			11517							
Barbados									264			2306							2169	1125																									
Belarus					2184																173														57										
Belgium-Luxembourg		884				466	417														135					46	113					30										2702			
Belize								266	309		5189		417					381		2097																	4084	44173							
Benin											3057		142	5281						2924																73850							22480		
Bermuda																																													
Bhutan																				1326																									
Bolivia							1009	456		1412	1410	1227	427					944		2884				1243		614										12424	16876	1747							
Bosnia and Herzegovina							1167	229												2900	222				51	123					104														
Botswana																				2504																									
Brazil							341	490	234	1091	1369	1302	184			3652		239	1377																	13972	32203	6592					1967		
British Virgin Islands																				2340																									
Brunei Darussalam													477							1737																							9099		
Bulgaria		1929				1444	1104	346												9284	503			833		328					109											5042			
Burkina Faso											4342								3526	3208																									
Burundi																				1923																13467		15281							
Cambodia											1229		443							1639																14271							628		
Cameroon								191	422	3300	2470	2300	243	3438						1760																40545	34104	5062					16828		
Canada				456	65		287	128	17								149				84																								
Cape Verde								427			360									2711																									
Cayman Islands																																													
Central African Republic											2848	1609	927																							24686	250800								
Chad											3878				7537						3524																								
Chile							156	52	56				1371				410	348		1078	36			65	174	33			58																
China					240	326	98	113	1569	645	658	112	425					193	1294	1643															6290		11110			2199	2803				
Cocos (Keeling) Islands																																													
Colombia							452	419	271		1024	840	108					343	713	774															14470	22191									
Comoros																				2383																82445	36756								
Congo, Dem Republic of											716	1257	174					550		1482																30322	38807	20274							
Congo, Republic of											1084	987	1080							1710																30312	30918								
Cook Islands								83			427	1405	314					300		3382																19557									
Costa Rica					204			230	131		5757	2010	74						262		1384															9554	45407						1291		
Côte d'Ivoire											3804	2221	102						1775	1499																31874	20447							8660	
Croatia							616	191		1580											203				63	202						126													
Cuba								742	789		2827	1027	665					538	1581	962																55765	40638								
Cyprus							1333	90	100	723		1087					1304		9934	2202	1094			300		90		127																	
Czech Republic		618	507				461	732												865	108					18	98				165	33										3818			
Denmark				645																	96		224	147	11	48						22													

Country	Crop codes (see Appendix II)	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687		
Djibouti																																											
Dominica											11133	2176								1419																12029	116732						
Dominican Republic									355		1860	924	260					1056		2668															42144	38607							
Ecuador						646	964	281	238	6960	1208	994	299					1036	1094	1775																27661	47553	6115					
Egypt						855	537	211	218	1379	1913			479					2047	1194					204																		
El Salvador								271	395		2253	1158	304					1064		1792																18476	14290						
Equatorial Guinea																																				25060	112187						
Eritrea																				1368																							
Estonia		1783	2001			742	816														236													72									
Ethiopia							1653				2423	3438						1375		785															14904		18722					8007	
Faeroe Islands																																											
Fiji Islands								407	140		937		383					196	2342	1044																21600	313589						49051
Finland		1799	1881																															58									
France			670				462	96	159	653		871					343				104	96	105	99	33	93	95	81	94	114	24			59							2448		
French Guiana											3034	2815	258					1612	698	3052																							
French Polynesia								325	239			893	241						1055	2015																53775							
Gabon													550							5271																36287	119680						
Gambia											4160									3267																							
Georgia							1267	356												974	1153		2013											282				6360			24541		
Germany		455	323				265														84				20	89	202					9									2460		
Ghana											1904	2326	966					1328		3524																50100	47630					9340	
Greece						909	682	109	178	1375		1832					764			2165	198	318		322				45															
Grenada											1615	1682								2656																	14744						
Guadeloupe								267	194		18456	745	217						3665																	54957							
Guam																				1374																							
Guatemala							902	215	127		545	1322	193					319		1929																13065	25449	16020				6921	
Guinea											7670		1366						2303																	32813	32183						
Guinea-Bissau											2641		2400					1590		2004																							
Guyana											1765	2268	541						1328																	37560	96727						
Haiti									226		1742	1605	459							2424																23102	24197						
Honduras							1123	225	200		2021	3420	300					661		1989												264				15241	31778					8060	
Hungary		1543	693				531	198	255											1983	163			2801	298	164		594		104				126									
Iceland																																											
India						897	238	362	115	2147	1525		305					922	1104	1066																12180	13775	7002				8333	
Indonesia											2264	2325	518					721	1504	1498																17665	9959	9474				5237	
Iran, Islamic Rep of						642	859	285	374	5197	1630			2919			1026	2485		746						256												9422					
Iraq							2201	689	730	4042				4834						3096					564	48		74															
Ireland			160				425													640																					2511		
Israel							511	230	204	1237	975	947		1747			1267	1180		784																							
Italy			282	298			464	109	157	1285							449			1722	92	95		191	303	130		190		816	168												
Jamaica											1737	1322	220					444	1364																	24185	29211						
Japan							323	78	110				111				521				74	45		73				73		85				33			4940			1913			
Jordan							1862	184	280	2775				3184					1773	2365					354	1461																	
Kazakhstan							1724	506												1233	552														172								
Kenya						1160					1555		123	4507					1659	1374																35725		8250				9127	
Kiribati																			783																								
Korea, Dem People's Rep								146	240											952																					11390		
Korea, Republic of							300	112	98				78				659		1427																		9716			2230			
Kuwait							30560	398	458					3096					2086																								
Kyrgyzstan				460			1795	303											6390	305														3769							8145		
Laos								1626	189		1345		388						1470																	15544		17920					
Latvia			373		522	454															138													64									
Lebanon							964	134	97	1353		832							1062							31																	
Lesotho																			1994																								
Liberia													746						2242																	56800	92238						

Country	Crop codes (see Appendix II)	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687		
Libyan Arab Jamahiriya							2309	434	393	5383				3775						2830																							
Liechtenstein																																											
Lithuania				540																4624	129			209											47								
Macedonia, The Fmr Yug Rp							526	243		416											214				59	180		283			154												
Madagascar							1069				1111	1155	782			3885			3543	1518															37140	12507	7304				12047		
Malawi											2507								3433	1856															10032		6565				5786		
Malaysia								223			2443		268					837	1541	1188															12747	11414	6358				1900		
Maldives																				942																							
Mali											1453									3890																	42924						
Malta						840	1146		695	2612										1431								301															
Marshall Islands																																											
Martinique									251		3256	2720	124																							5344							
Mauritania								3464							7716					4849																							
Mauritius													144							1286																		5505					
Mexico				1459		549	601	236	169	2712	1367	1093	116	3228				308	1364	1611	125	140	219	617	187	47				391	141		231		28119	26126					2351		
Micronesia, Fed States of																				1225																26062							
Moldova, Republic of	2013	2915				315	1427	684	2558											1922	477													101									
Mongolia																				3553	434			1347										786									
Montserrat											2143									1744																							
Morocco				768		726	1463	205	223	5922	1987	1088		7411						1738																							
Mozambique												2033		674				1078	1938	2289																19250		13005					
Myanmar																				2397				289											24718		45839						
Namibia																				1797																							
Nauru																			1817																								
Nepal																				682				289												39373		4946					
Netherlands			522	447		418	1176		85												68						75					19											
New Caledonia																				3526																79898							
New Zealand	334	477	248		105	288	65	46				1004				246		1400	264	17	17					97			82	116	12	67								551			
Nicaragua													371							2513																17884	78807						
Niger															7643					4256																							
Nigeria											2838		829					1503		2076																29156	40235						
Niue																			10730	14090																							
Norway	449	528																					98							87	50												
Oman								201			2769			2375				861		2248						150																	
Pakistan					992	1587	228	170	2146	1498				1825				1446	1897	2245																							
Panama							373	524			1734	2295	113					241		1407																24710	63935	17525					
Papua New Guinea																			1203	1223																12303	27896	8488					
Paraguay							477	981	977		1940	1815	416					997	1821	1541						220										17475							
Peru							534	193	171	1160	828	876	266	3837				668	1233	680						81									15185	16865	3959		2791				
Philippines							7353	324	182		1520	1186	113					749	1322	1319																12550	20088						
Poland	475	447	357		331															1873	81							110						39						3026			
Portugal							1569	501	477	34543		5615	261				1043		2612	136	171													68				16117			3366		
Puerto Rico									10		694	3584	181					522		1650																31753							
Qatar							4530	861	704	5741										13150					165																		
Réunion						470	436	1633	198		975	1282	464				641	1508	990																			9021					
Romania			151	347		299	882		185										711	271			302	50	164		346							60						6309			
Russian Federation	352	216					787	752											1625	240														61			3002		8599				
Rwanda																				1410																14750		9064					
Saint Helena																																											
Saint Kitts and Nevis																			2145																								
Saint Lucia											1903	1644							2066	1900																	17677					5790	
Saint Pierre & Miquelon																																											
Saint Vincent/Grenadines											2691																										36758	55707					
Samoa											319	339	143						592	4204																46921	51341					9405	
Sao Tome and Principe																				1161																67160	47961						

Country	Crop codes (see Appendix II)	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687		
Saudi Arabia							1078	464	494					4173						1807						336																	
Senegal								866			4121								4630	4084																							
Serbia and Montenegro							744	245		2113											256				74	202	211				144										3705		
Seychelles													887						2741																		29213						
Sierra Leone											5822									2167															7809	31093							
Singapore																				2733																							
Slovakia		50	362					952	163											722	143				32	109						50								3895			
Slovenia								503			6182										90				29	104				191	59	114									2688		
Solomon Islands								180	177											738																21782							
Somalia								662			3015			4890						1851																							
South Africa						441	513	439	344	3883	1340	1691	233					1271		1255						206											9964			4979			
Spain						373	1338	103	150	2342		1133		748			747		884	1022	129	171	193	489	270	27	178	197	170	55	167		199							3741			
Sri Lanka											4210		540							1978																20543	20435	10829				7536	
Sudan								305	210		1073		2163	2106						3108																							
Suriname								272					327																						210469	156505							
Swaziland													112							1897																							
Sweden			1937	3580		1790																																					
Switzerland		350	249			259	313										291			621	93										16										1537		
Syrian Arab Republic							1804	404	709	2946				5701						1393	540			1005	549	84	285																
Tajikistan							1966	516												6595	363			2608							108		119										
Tanzania, United Rep of							1163				1235		532						4705	1630																29310	19267	11041					
Thailand							356	396			2373		219					831	3358	739															10775	24980	51079					1615	
Timor-Leste											1183	1460	688					764	2299																								
Togo													752							2137																	49306	40106					
Tokelau																																											
Tonga								429											1464	10352																5771							
Trinidad and Tobago								405			1903	1737	389							1485															77339	126593							
Tunisia					595	744	1750	333	335	5519		2766		3696			4680		1624	1821																							
Turkey						381	944	170	266	1740		2252		3999					1476	1115	256					135	288			49							5946						
Turkmenistan							1368	510													433													2438									
Tuvalu																			1840																								
Uganda												717								1951																20502	60378	11899					8515
Ukraine		533	680	892	5400	2205	1221	687	710										1560	337											117		68								16574		
United Arab Emirates							3235	302	127	2470	1174			3991					1550					125		43																	
United Kingdom		351	331				269	1453												68									134	143	16											2076	
United States of America				354	131	315	250	126	128	678	1553	889	72	689			512	221		289	113	131		197		124	228								4864							2223	
Uruguay							296	356	555											1309																							
Uzbekistan			1293	938			375	1548	507		828									3199	335														112							11039	
Vanuatu																			645	708																12605	19027						
Venezuela, Boliv Rep of							439	314	249		929	1656	258				616	1626	1080																	37000	44886						
Viet Nam						348		361			2424		506							790											119	4997					13054					2089	
Wallis and Futuna Is									635		2010								1494	1380																							
Western Sahara																																											
Yemen							1299	451	315	1357	4310			12263				818	3055	2250		382		513		113									46818								
Zambia																				2391	2246															13827		14499				6620	
Zimbabwe							906	1087				3209	759						2639	2412																10258		5172					6924
Global average		488	369	395	152	482	655	160	183	3160	1583	1284	253	3030		3661	430	662	1426	1404	143	118	116	167	138	134	207	173	100	135	27	140	62	78	17373	27218	9205		24960	2736	4921		

Country	Crop codes (see Appendix II)	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Afghanistan							12417																
Albania																					4129		
Algeria		9205																			5190		
American Samoa																							
Angola															5340		6806				4017		
Antigua and Barbuda																							
Argentina		10937					7478		2481			10721								7590	899		
Armenia																					2609		
Australia																					1002		
Austria																					1343		
Azerbaijan, Republic of																					2718		
Bahamas																							
Bahrain																							
Bangladesh		13160						780	2064					2449	4013					22182	3327	106100	
Barbados																							
Belarus												9191									1751		
Belgium-Luxembourg												2424									1583		
Belize																							
Benin		14407																			7808		
Bermuda																							
Bhutan		6184				10263		400	566					915							1767		
Bolivia																					3520		
Bosnia and Herzegovina		1161																			2816		
Botswana																							
Brazil														2675	2416	3932	7136				1527	12047	
British Virgin Islands																							
Brunei Darussalam																						186769	
Bulgaria		2345					5051														3384		
Burkina Faso									3932												14357		
Burundi																					2943		
Cambodia		12538												4173							5459	11227	
Cameroon		8899						722						7733							3001	9463	
Canada							40256													2146	912		
Cape Verde		1200																					
Cayman Islands																							
Central African Republic		14442													24464		18601				5387	15793	
Chad																					4078		
Chile												5340	976		1530						346		
China		1197	14989	7613	10786		4111	391	1435			1525	1881	2067	1281	3929	1224			321	1881	6459	
Cocos (Keeling) Islands																							
Colombia																		5118			1748		
Comoros			62566		44165				3861														
Congo, Dem Republic of		3018													5916						6692	49161	
Congo, Republic of																					7897	12534	
Cook Islands			18283																				
Costa Rica								446											15490		2735		
Côte d'Ivoire		9523							5943												6907	6740	
Croatia												9227									2238		
Cuba															5590		5640	6261			5782		
Cyprus																					767		
Czech Republic		9467										616											
Denmark							6920																

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Country	Crop codes (see Appendix II)	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Djibouti		23348																					
Dominica				15722		5615		2075	9039														
Dominican Republic								1640	9350								19285				2881		
Ecuador							8700		2540									5236	7911		1279	9733	
Egypt		5096					3790					6400		3471									
El Salvador															6434			9332			2676		
Equatorial Guinea																			39345				
Eritrea									13536														
Estonia												5431											
Ethiopia		35839				46564	6463	1645	11077						9847		11084			99330	6143		
Faeroe Islands																							
Fiji Islands								88													2600		
Finland																							
France												1737	1627								1261		
French Guiana																							
French Polynesia			163791																				
Gabon																						9445	
Gambia																							
Georgia																					3294		
Germany																					1297		
Ghana		11390																			10397	23428	
Greece		2864					1491					15350									1367		
Grenada		2715				33321			12875														
Guadeloupe			66600																				
Guam																							
Guatemala						38601	5707		10900						5620			8444			2024	12658	
Guinea																	65144				5400		
Guinea-Bissau																							
Guyana																					4378		
Haiti																	12655				2807		
Honduras						30219															9174		
Hungary		811					4367		2649				1326								1917		
Iceland																							
India		11126				90511	7063	1556	4054					2823	5295						2627	7626	
Indonesia			54363	22273	66387	25432		490	3816						3347		4393		13641		4289	16781	
Iran, Islamic Rep of		8163					9088														5965		
Iraq																					5499		
Ireland																							
Israel																							
Italy												17000	1043								1361		
Jamaica		2579						1735	1160								15276				2572		
Japan																					1158		
Jordan																					7656		
Kazakhstan																					3054		
Kenya		15214	69942		48173	42925	11090	1668	6982								9589				3291		
Kiribati																							
Korea, Dem People's Rep													3654								2223		
Korea, Republic of								2457					1471								1468		
Kuwait									340														
Kyrgyzstan		4675							5237												1846		
Laos		5376				32008										2781					707		
Latvia												4878											
Lebanon							1233		9402												2938		
Lesotho																							
Liberia																						12198	

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Country	Crop codes (see Appendix II)	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Libyan Arab Jamahiriya																					2783		
Liechtenstein																							
Lithuania												4554											
Macedonia, The Fmr Yug Rp																					3533		
Madagascar	12123	199383	6374	66039	36814	9520	1051	2883						4730		5778			7769	4577			
Malawi	24436	53479			42400	9220		7314									38700				3368		
Malaysia	10153			43000	25082		1604														3367	19184	
Maldives	18067																						
Mali	41554														14385						6675		
Malta																							
Marshall Islands																							
Martinique	1753																						
Mauritania																							
Mauritius							1038	188												7516	1733		
Mexico	8222	66098					383		870								7939	7251			2413	7393	
Micronesia, Fed States of																							
Moldova, Republic of																					3424		
Mongolia																							
Montserrat																							
Morocco	1337						2401		9633	633							8330				3205		
Mozambique															6042		31819				2707		
Myanmar	22420													4704	5827					13080	2462	21415	
Namibia																							
Nauru																							
Nepal	9772					19548		411	534					3085							3227		
Netherlands							2444					230											
New Caledonia																							
New Zealand																				8761			
Nicaragua																		9468			3430		
Niger	37962								7128												12820		
Nigeria	10466							9662	3915						6278						12315	44667	
Niue																							
Norway																							
Oman																					1248		
Pakistan	9615							24232	2239					7908	12605						3434		
Panama																					2050		
Papua New Guinea									5328													23010	
Paraguay																					1956		
Peru	6440								1180					2012							260		
Philippines								768								14350		5928	19797	3529	3281	14186	
Poland												2520	3292								1529		
Portugal																					984		
Puerto Rico																					4060		
Qatar																							
Réunion	702	104722						350												954	2070		
Romania	7211						5372					1839	693								2774		
Russian Federation							3651					8167	5722		1515						3214		
Rwanda									5310												2296		
Saint Helena																							
Saint Kitts and Nevis																							
Saint Lucia						42304		2325	9443														
Saint Pierre & Miquelon																							
Saint Vincent/Grenadines						49517			1732												3854		
Samoa									4280												863		
Sao Tome and Principe				28567																			

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Country	Crop codes (see Appendix II)	689	692	693	698	702	711	720	723	748	754	773	777	780	782	788	789	800	809	821	826	836	839
Saudi Arabia																							
Senegal		25409																					
Serbia and Montenegro		4858											4879								2723		
Seychelles				120548																			
Sierra Leone		4784							960													6283	
Singapore																							
Slovakia												5349										1887	
Slovenia		1633																					
Solomon Islands									1492													3271	
Somalia																						15562	
South Africa		10914													3830		16210			7414	1426		
Spain		3869					6197		6134	507		4390	2590									991	
Sri Lanka				28546	45025	41438		1486	1413													3363	23794
Sudan		22487																					
Suriname																							
Swaziland																						3310	
Sweden																							
Switzerland																						1489	
Syrian Arab Republic							4354															3047	
Tajikistan																						2673	
Tanzania, United Rep of		10919			19022	44601											14306					3482	
Thailand		8088						1836	3009					3098	2882		11284			7480	2884	8956	
Timor-Leste		11337																					
Togo		41011				35903			4680													10065	
Tokelau																							
Tonga			25929						1059														
Trinidad and Tobago						34584																2326	
Tunisia		5028					2791		7003													4288	
Turkey		4283					10979		6941													6094	
Turkmenistan																						2796	
Tuvalu																							
Uganda		17796	33044					2264														2168	
Ukraine							4109					11389	5287									4489	
United Arab Emirates																						524	
United Kingdom												1705											
United States of America								88														1514	
Uruguay																						499	
Uzbekistan		6824												777								2415	
Vanuatu									242														
Venezuela, Boliv Rep of																	6622					2465	
Viet Nam		6810		29922			3883							2155						728	2966	16690	
Wallis and Futuna Is									4290														
Western Sahara																							
Yemen																						2346	
Zambia		14830							8592													4125	
Zimbabwe		8195	69577				11100		7476													1556	
Global average		10601	96949	18083	61304	41041	5594	1792	3800	557		3134	2507	2682	3732	4021	7468	6302	16878	7210	2213	13058	

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Appendix XIV. Volume of water (m³/yr) used for crop production per crop per country (1997-2001)

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
2	Afghanistan		9.19E+09	2.21E+09	7.83E+08	1.38E+09			1.75E+08									1.07E+08							3.00E+07	5.20E+05		
3	Albania		9.14E+08		1.05E+07	2.85E+08	5.07E+06	6.76E+07										5.84E+07								8.67E+06		6.88E+07
4	Algeria		1.02E+10	3.08E+06	3.00E+09	2.80E+06		2.56E+08		4.88E+05				1.63E+05				5.52E+08										1.06E+07
5	American Samoa																			1.73E+04		3.05E+06	5.86E+04		1.23E+05			
7	Angola		1.20E+07	2.14E+08		3.04E+09			6.23E+08									2.44E+07	1.52E+08	4.05E+09					1.23E+08			6.57E+08
8	Antigua and Barbuda					1.34E+05													1.03E+05	7.52E+04		6.38E+04	4.57E+04					
9	Argentina		1.10E+10	1.52E+09	4.03E+08	7.55E+09	2.05E+08	5.07E+08	4.78E+07	1.34E+09					4.00E+07		2.48E+07	3.48E+08	1.02E+08	6.04E+07					2.90E+09			4.23E+08
1	Armenia		3.43E+08		1.93E+08	1.45E+07	1.38E+05	2.41E+06									1.64E+07	1.89E+08										7.24E+06
10	Australia		3.59E+10	1.40E+09	9.31E+09	2.61E+08	1.35E+08	2.18E+09	8.42E+07	1.83E+09				9.57E+08	2.24E+07			1.94E+08	2.19E+06						5.36E+09			1.25E+08
11	Austria		1.36E+09		1.06E+09	6.29E+08	9.35E+07	1.64E+08						9.63E+06	2.92E+07			8.10E+07								1.80E+08		
52	Azerbaijan, Republic of		1.55E+09	3.70E+07	2.81E+08	1.46E+08	3.70E+05	1.06E+06	8.51E+04	6.50E+05								2.55E+08								1.40E+07		1.13E+07
12	Bahamas					7.53E+05													3.21E+05	1.95E+05					2.72E+07			
13	Bahrain																	1.47E+04										
16	Bangladesh		2.44E+09	9.43E+10	2.38E+07	1.27E+07			1.73E+08	2.01E+06								7.54E+08	1.19E+08						1.71E+09	9.02E+07	2.05E+08	
14	Barbados					3.57E+06													2.56E+06	2.27E+05		3.68E+05	5.14E+05		1.16E+08			
57	Belarus		6.13E+08		1.25E+09	2.27E+07	1.45E+08	4.66E+08			5.28E+07			3.87E+07			1.06E+07	2.46E+09								1.63E+08		2.39E+08
15	Belgium-Luxembourg		1.95E+09		4.98E+08	1.89E+08	8.11E+06	8.56E+07						7.67E+06	1.85E+07			3.93E+08								6.66E+08		1.93E+06
23	Belize			4.72E+07		5.41E+07				7.18E+06								3.06E+05	8.77E+04	5.20E+05	7.06E+05		2.49E+04	9.86E+03	2.64E+08			1.64E+07
53	Benin			2.04E+08		2.25E+09			1.06E+08	5.28E+08			9.67E+06					1.24E+05	5.40E+07	1.41E+09		7.02E+06	5.48E+08		1.90E+07			3.16E+08
17	Bermuda																	1.22E+05	4.74E+04									
18	Bhutan		8.36E+07	2.46E+08	2.48E+07	1.49E+08			2.10E+07		1.04E+07						2.73E+06	8.70E+06						5.32E+06	3.35E+06			
19	Bolivia		4.74E+08	1.48E+09	2.82E+08	1.09E+09	1.05E+06	1.60E+07		1.46E+08		9.82E+07					3.41E+06	5.85E+08	1.42E+07	2.27E+08				6.66E+07	1.04E+09			4.14E+07
80	Bosnia and Herzegovina		6.93E+08		1.41E+08	9.73E+08	9.44E+06	1.56E+08									2.10E+08											3.19E+07
20	Botswana		9.97E+05			1.36E+08			1.62E+07	2.12E+08														3.96E+06				
21	Brazil		3.93E+09	3.02E+10	3.91E+08	3.96E+10	2.24E+07	5.89E+08		1.08E+09	9.12E+07							6.60E+08	1.86E+08	8.49E+09			4.97E+07		5.22E+10		1.06E+10	
239	British Virgin Islands																											
26	Brunei Darussalam			2.52E+06															1.18E+05	8.07E+05				8.32E+05				
27	Bulgaria		2.77E+09	2.91E+07	6.08E+08	2.03E+09	1.01E+07	8.94E+07		1.56E+07				8.83E+06			4.87E+07	2.31E+08								1.46E+07		1.10E+08
233	Burkina Faso			6.24E+08		1.39E+09			4.49E+09	6.07E+09		8.00E+07						2.40E+06	1.94E+07	9.92E+06			3.85E+07		7.68E+07			
29	Burundi		3.86E+07	1.75E+08		4.58E+08			2.74E+07	1.82E+08								3.79E+07	3.73E+08	4.52E+08		1.32E+08	3.75E+06		2.99E+07			7.62E+08
115	Cambodia			1.81E+10		1.79E+08												3.24E+07	7.36E+07					4.70E+06	8.51E+07			5.95E+07
32	Cameroon		8.28E+05	1.50E+08		9.64E+08			1.21E+08	9.37E+08								1.07E+08	1.00E+08	8.44E+08			7.49E+07	4.33E+08	1.44E+09			4.16E+08
33	Canada		3.65E+10		1.42E+10	2.87E+09	5.09E+08	4.63E+09			2.63E+07			2.35E+06	3.73E+08	4.01E+08		4.58E+08								4.56E+07		2.24E+08
35	Cape Verde					1.38E+08												1.01E+06	3.37E+06	2.07E+06					1.26E+07			
36	Cayman Islands																		9.76E+03	6.22E+04			2.10E+04					
37	Central African Republic			1.27E+08		3.12E+08			2.81E+07	1.23E+08								2.04E+06		1.16E+09		2.24E+08	1.65E+08		1.45E+08			
39	Chad		1.06E+07	1.20E+09		7.02E+08			3.21E+09	3.50E+09							6.33E+08	2.43E+07	1.30E+08	3.48E+08		1.37E+08	1.10E+08		6.22E+07			4.16E+08
40	Chile		2.26E+09	1.44E+08	7.33E+07	1.18E+08	5.06E+06	3.04E+08										8.77E+07	1.75E+06							8.80E+07		3.52E+07
357	China		7.46E+10	2.57E+11	2.81E+09	9.40E+10	3.78E+08	9.68E+08	4.41E+09	2.83E+09	2.79E+09			1.01E+08			6.14E+05	1.71E+10	2.65E+10	1.30E+09		4.62E+08		1.97E+06	9.22E+09	1.70E+09		3.00E+09
43	Cocos (Keeling) Islands																											
44	Colombia		5.96E+07	4.01E+09	1.98E+07	1.80E+09				2.08E+08								7.45E+08		1.01E+09			4.45E+07	1.57E+07	4.15E+09			3.11E+08
45	Comoros			1.43E+08		6.77E+06												3.57E+05	1.02E+07	6.10E+07		1.06E+07	1.78E+06					
250	Congo, Dem Republic of		2.54E+07	4.34E+09	2.36E+06	5.34E+09			1.31E+08	2.60E+08								8.03E+07	2.09E+08	1.21E+10		9.99E+07	9.91E+07	1.83E+07	4.02E+08			6.68E+08
46	Congo, Republic of			1.40E+07		2.56E+07												1.64E+06	4.51E+06	4.50E+08			4.12E+06	9.75E+06	1.04E+08			9.22E+06
47	Cook Islands																	2.13E+05	7.89E+05				2.05E+05					
48	Costa Rica			6.01E+08		4.83E+07												1.68E+07		4.42E+07			3.82E+06	8.88E+06	5.68E+08			9.24E+07
107	Côte d'Ivoire			4.46E+09		2.13E+09			2.07E+08	1.42E+08			6.05E+07						7.80E+07	1.75E+09		1.62E+09	9.96E+08		2.00E+08			
98	Croatia		1.47E+09		2.53E+08	1.75E+09	5.72E+06	1.21E+08	1.86E+05	4.17E+05	1.10E+05					1.21E+06		2.99E+08							1.28E+08			1.84E+07
49	Cuba			2.06E+09		5.45E+08				3.71E+06								6.17E+07	2.04E+08	6.94E+08	8.35E+07		6.08E+06		1.32E+10			3.16E+08
50	Cyprus		2.12E+07		1.62E+08			1.06E+06										3.80E+07				9.28E+05						9.44E+05
167	Czech Republic		4.74E+09		2.57E+09	1.64E+08	9.95E+07	2.70E+08	5.90E+06					9.13E+06		1.33E+07	7.11E+06	2.56E+08								3.00E+08		5.42E+05

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
54	Denmark		3.17E+09		3.17E+09		1.05E+08	1.63E+08						6.36E+06		1.15E+07		1.38E+08								2.39E+08		
72	Djibouti					4.89E+04																						
55	Dominica					4.58E+05												3.94E+04	1.44E+06	5.93E+05	4.02E+06	7.35E+06	1.31E+06		2.28E+06			
56	Dominican Republic			1.32E+09		1.15E+08				2.20E+07								1.25E+07	2.51E+07	1.37E+08	4.31E+07		6.90E+06		1.94E+09			1.15E+08
58	Ecuador		7.28E+07	2.92E+09	1.27E+08	1.38E+09	3.20E+05	4.25E+06		9.56E+06		2.93E+06						2.00E+08	1.10E+06	1.00E+08				5.25E+06	7.96E+08	2.09E+06		1.33E+08
59	Egypt		5.79E+09	8.45E+09	2.57E+08	6.52E+09	8.58E+07			8.05E+08								5.70E+08	8.52E+07			2.39E+07			2.09E+09	4.30E+08		6.56E+07
60	El Salvador			1.04E+08		1.12E+09				3.79E+08								3.88E+06	3.84E+05	9.48E+06	2.27E+07				9.39E+08			2.38E+08
61	Equatorial Guinea																		4.37E+07	8.08E+07				1.02E+07				
178	Eritrea		1.48E+08		2.44E+08	1.24E+08			2.84E+08	9.96E+08							1.02E+08	3.36E+07						1.60E+08				1.56E+07
63	Estonia		8.79E+07		2.15E+08		4.65E+06	7.50E+07			4.89E+05			1.43E+06		4.38E+07		1.03E+08								4.76E+04		2.11E+06
238	Ethiopia		3.64E+09	8.70E+07	3.38E+09	6.54E+09		2.05E+08	9.56E+08	3.96E+09							5.61E+09	2.58E+08	1.23E+08				2.17E+08	1.43E+09	2.57E+08			5.41E+08
64	Faeroe Islands																	2.20E+05										
66	Fiji Islands			5.85E+07		1.68E+06				2.87E+04								4.22E+04	3.24E+06	1.31E+07		1.55E+07	7.90E+05	2.22E+06	6.97E+08			
67	Finland		5.46E+08		2.17E+09		1.19E+08	1.50E+09							4.54E+07		1.04E+08									1.10E+08		
68	France		3.21E+10	1.73E+08	8.79E+09	7.69E+09	8.27E+07	7.32E+08		1.89E+08	3.68E+07			1.36E+08		1.89E+08		7.13E+08								2.09E+09		9.94E+06
69	French Guiana			9.10E+07		1.80E+05														1.13E+07		6.03E+06				9.28E+05		
70	French Polynesia																	4.05E+05		1.77E+06				1.10E+06	4.53E+05			
74	Gabon			3.45E+06		4.26E+07													4.74E+06			4.74E+07	4.24E+07		3.08E+07			
75	Gambia			1.81E+08		5.67E+07			2.71E+08	7.18E+07										2.05E+07								
73	Georgia		3.08E+08		8.35E+07	9.31E+08	1.31E+05	1.35E+07			2.86E+05							1.51E+08								7.34E+04		2.85E+07
79	Germany		1.58E+10		1.07E+10	1.42E+09	1.62E+09	1.30E+09						1.72E+08		1.48E+08		1.19E+09								2.04E+09		
81	Ghana			1.17E+09		2.35E+09		9.69E+04	4.51E+08	9.27E+08									3.21E+08	4.07E+09		1.67E+09	8.05E+08	5.42E+04	7.18E+07			
84	Greece		2.47E+09	2.68E+08	3.49E+08	1.39E+09	8.21E+07	1.19E+08		3.78E+06						3.21E+06		2.40E+08	6.84E+05							3.21E+08		6.04E+07
86	Grenada					1.41E+06													4.72E+05	2.34E+05			6.09E+05	1.69E+06	2.15E+06		3.28E+05	
87	Guadeloupe																		1.37E+06	9.64E+05			2.55E+06	1.03E+06	1.49E+08			
88	Guam					3.26E+04													1.26E+04					3.03E+05				
89	Guatemala		2.60E+07	1.50E+08	5.95E+06	2.37E+09				1.48E+08								4.89E+07		4.44E+07					2.24E+09		3.82E+08	
90	Guinea			4.95E+09		3.07E+08		2.94E+07	2.17E+07				4.24E+08						9.26E+07	1.04E+09		3.17E+07	2.81E+07		6.24E+07			
175	Guinea-Bissau			7.37E+08		8.73E+07		8.50E+07	6.43E+07				2.10E+07							1.66E+07				4.60E+07	2.93E+06			
91	Guyana			1.41E+09		1.11E+07														1.88E+07				5.92E+06	6.27E+08			
93	Haiti			5.88E+08		1.10E+09				4.69E+08								3.33E+06	1.93E+08	5.11E+08		1.09E+08		6.14E+07	2.17E+08		1.64E+08	
95	Honduras		6.22E+06	9.14E+07		1.58E+09				2.71E+08								7.77E+06	2.24E+06	1.24E+07				1.12E+06	5.91E+08		2.83E+08	
97	Hungary		2.41E+09	2.14E+07	7.49E+08	4.39E+09	2.11E+07	1.24E+08	2.79E+07	1.33E+07	2.22E+06			8.17E+07	6.57E+07			2.06E+08								2.79E+08		1.09E+07
99	Iceland																	1.64E+06										
100	India		1.17E+11	3.73E+11	2.97E+09	2.28E+10			3.32E+10	3.24E+10								4.79E+09	2.98E+08	1.85E+09					4.56E+10		2.17E+10	
101	Indonesia			1.08E+11		1.21E+10												2.50E+08	7.38E+08	7.30E+09				1.56E+08	4.21E+09	4.37E+08	8.44E+08	
102	Iran, Islamic Rep of		2.82E+10	7.38E+09	7.09E+09	1.21E+09			7.51E+07									1.23E+09							4.42E+08	1.37E+09	5.14E+08	
103	Iraq		7.12E+09	2.20E+09	5.92E+09	6.94E+08		3.05E+06	3.84E+07	3.52E+07								3.70E+08						6.59E+07	4.25E+06		8.11E+07	
104	Ireland		3.60E+08		7.09E+08		3.44E+05	7.07E+07										4.86E+07								1.03E+08		4.96E+06
105	Israel		3.72E+08		2.35E+07	4.17E+07			3.34E+06	3.49E+06								6.72E+07	2.40E+06									
106	Italy		1.78E+10	2.27E+09	2.28E+09	5.27E+09	1.44E+07	9.47E+08		1.13E+08							2.45E+07	4.32E+08	5.14E+06							1.51E+09		3.53E+07
109	Jamaica			2.03E+05		7.64E+06												2.52E+06	5.33E+06	5.59E+06			3.40E+07	3.88E+06	4.62E+08		7.50E+05	
110	Japan		4.57E+08	1.43E+10	1.34E+08	3.08E+05		2.78E+06	9.30E+05		7.96E+07							3.47E+08	1.84E+08		1.05E+08	1.52E+07	8.18E+06	1.81E+08	2.70E+08		1.44E+08	
112	Jordan		9.56E+07		1.08E+08	8.66E+06				2.85E+05								3.05E+07										
108	Kazakhstan		2.06E+10	8.04E+08	3.83E+09	4.09E+08	7.56E+06	4.01E+08	5.20E+08	2.09E+05	2.17E+08						1.41E+08	1.01E+09								8.41E+07		4.31E+07
114	Kenya		4.93E+08	1.41E+08	7.35E+07	6.29E+09		1.21E+07	2.61E+08	4.66E+08								6.72E+08	3.15E+08	4.77E+08				5.98E+06	7.27E+08		2.29E+09	
83	Kiribati																					3.03E+06		1.71E+06				
116	Korea, Dem People's Rep		1.78E+08	4.72E+09	1.31E+08	2.10E+09	4.42E+07	1.96E+07	9.13E+07	2.57E+07								5.78E+08	1.31E+08								8.15E+08	
117	Korea, Republic of		4.55E+06	9.30E+09	2.40E+08	7.66E+07	1.15E+04		5.87E+06	4.80E+06	1.01E+07						5.77E+06	1.09E+08	7.80E+07								5.85E+07	
118	Kuwait		1.28E+06		5.95E+06	2.39E+05												8.96E+06										
113	Kyrgyzstan		3.79E+09	6.47E+07	5.87E+08	3.05E+08	3.79E+05	1.08E+07		9.72E+04								4.06E+08								1.27E+08		
120	Laos			6.15E+09		1.38E+08												2.02E+07	5.50E+07	3.05E+07					5.90E+07		4.63E+06	
119	Latvia		2.45E+08		2.39E+08		1.06E+07	8.21E+07			9.78E+06			2.56E+06		3.82E+07	2.04E+07	2.02E+08							4.15E+07		8.03E+05	
121	Lebanon		1.51E+08		3.95E+07	1.27E+07		1.41E+06		4.35E+06								7.44E+07				4.84E+05			2.57E+06	4.14E+07		1.25E+06
122	Lesotho		5.49E+07		2.19E+06	4.23E+08		7.42E+05		8.02E+07								1.86E+07										2.23E+07

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
123	Liberia			1.35E+09															6.78E+06	3.32E+08		1.71E+07	6.16E+06		2.70E+08			
124	Libyan Arab Jamahiriya		1.16E+09		9.30E+08	1.00E+07			5.43E+07									8.07E+07										2.44E+06
125	Liechtenstein																											
126	Lithuania		6.27E+08		6.99E+08		3.84E+07	8.41E+07			3.04E+07			2.27E+07		4.76E+07		4.42E+08								9.55E+07		4.87E+06
154	Macedonia, The Fmr Yug Rp		2.99E+08	3.52E+07	1.24E+08	1.70E+08	4.19E+06	6.38E+06	8.18E+04	1.83E+05								6.37E+07							9.24E+06		1.74E+07	
129	Madagascar		1.02E+07	1.11E+10		6.48E+08				5.60E+06								2.29E+08	4.26E+08	1.95E+09		1.80E+08			7.63E+08		2.32E+08	
130	Malawi		8.04E+06	4.77E+08		5.93E+09			1.02E+08	2.20E+08								6.91E+08		1.17E+09					2.33E+08		5.31E+08	
131	Malaysia			6.09E+09		8.08E+07													1.20E+07	2.10E+08				2.06E+07	2.25E+08			
132	Maldives								1.73E+04										3.07E+05	7.84E+04		3.48E+05		4.45E+06				
133	Mali		2.13E+07	5.71E+09		1.71E+09			4.96E+09	3.85E+09			1.65E+08				1.43E+06		3.08E+07	1.42E+07			1.51E+07		9.16E+07			
134	Malta		8.03E+06		1.67E+06													8.56E+06									9.36E+05	
127	Marshall Islands																											
135	Martinique																		5.26E+05	8.48E+05			2.34E+06	3.07E+06	3.98E+07			
136	Mauritania		3.42E+06	3.65E+08	3.24E+06	8.54E+07			9.33E+07	1.15E+09								2.58E+06	1.43E+07				2.74E+06				5.37E+07	
137	Mauritius					1.48E+05												3.07E+06	1.78E+05	4.86E+04		8.98E+04			6.99E+08			
138	Mexico		3.55E+09	8.29E+08	1.19E+09	3.19E+10		1.92E+08	5.89E+04	7.35E+09				1.49E+06	4.02E+06			2.98E+08	8.33E+06	9.79E+06	9.69E+05			1.03E+07	7.96E+09		5.89E+09	
145	Micronesia, Fed States of			7.35E+05		1.30E+05				1.14E+04									1.75E+06	6.47E+06								
146	Moldova, Republic of		8.17E+08		2.22E+08	1.89E+09	1.03E+06	9.38E+06	6.94E+05	1.26E+06	3.27E+07							2.69E+08							2.82E+08		7.73E+07	
141	Mongolia		1.50E+09		1.61E+07														3.90E+07									
142	Montserrat					7.09E+04													1.96E+05	3.98E+04								
143	Morocco		1.25E+10	8.06E+07	8.83E+09	2.17E+09	1.42E+07	1.27E+08	3.15E+07	1.03E+08							1.55E+07	3.58E+08	5.41E+06					2.23E+08	4.34E+08		1.05E+08	
144	Mozambique		4.75E+06	1.72E+09					2.37E+08	1.19E+09								3.04E+07	4.84E+07	5.75E+09				2.56E+06	3.42E+08			
28	Myanmar		2.60E+08	5.22E+10		6.02E+08			5.13E+08								7.96E+07	1.13E+08	2.16E+07	4.24E+07					1.16E+09		1.19E+08 3.60E+09	
147	Namibia		2.95E+06			1.23E+08			6.97E+08	7.20E+07														7.52E+07				
148	Nauru																											
149	Nepal		2.08E+09	1.08E+10	9.01E+07	2.16E+09			5.29E+08									3.30E+08						4.49E+07	4.11E+08		7.97E+07	
150	Netherlands		6.34E+08		2.19E+08	6.10E+07	8.18E+06	1.01E+07						1.52E+06				5.69E+08								4.18E+08		3.38E+06
153	New Caledonia		4.54E+04			1.64E+06				1.61E+05								4.77E+05	2.98E+06	1.93E+06		3.50E+06	3.34E+06					
156	New Zealand		2.25E+08		2.17E+08	1.91E+07		3.48E+07									1.78E+06	1.20E+07	1.25E+06									
157	Nicaragua			8.13E+08		1.08E+09				1.58E+08								1.13E+07		3.41E+07				3.83E+06	6.46E+08		5.87E+08	
158	Niger		3.62E+07	3.77E+08		4.98E+07			3.17E+10	1.65E+10			1.19E+07				1.68E+07	7.91E+06	2.12E+07	1.06E+08					1.09E+08		9.22E+07	
159	Nigeria		1.54E+08	2.23E+10		1.49E+10			1.51E+10	2.19E+10			4.47E+08					5.84E+08	2.01E+09	2.14E+10		4.01E+09	1.00E+10		3.32E+08			
160	Niue																		5.63E+04	3.09E+04		2.29E+06	2.56E+05					
162	Norway		2.19E+08		5.79E+08		8.92E+06	3.08E+08						4.83E+05				4.58E+07										
221	Oman		2.49E+06							5.03E+06								4.42E+06	2.75E+06									
165	Pakistan		6.13E+10	2.78E+10	9.11E+08	5.53E+09			1.85E+09	2.00E+09								6.02E+08	2.19E+06					1.01E+08	1.63E+10	5.09E+07		1.24E+09
166	Panama			7.46E+08		1.83E+08				5.24E+06								4.92E+06		1.52E+07	6.57E+06		8.35E+06		3.73E+08		2.39E+07	
168	Papua New Guinea			3.52E+06		4.52E+06				3.47E+06								4.86E+05	4.06E+08	6.55E+07		2.17E+08	2.65E+07	3.99E+07	8.92E+07			
169	Paraguay		5.19E+08	2.69E+08		1.41E+09				6.22E+07								1.39E+06	6.96E+07	1.30E+09					7.64E+08		1.95E+08	
170	Peru		3.69E+08	2.47E+09	4.01E+08	1.50E+09	3.18E+05	2.62E+07		3.35E+05		6.45E+07					1.71E+07	9.79E+08	5.81E+07	3.99E+08	4.14E+07			1.09E+08	6.01E+08		1.82E+08	
171	Philippines			3.56E+10		8.29E+09												2.31E+07	4.08E+08	1.31E+09		1.19E+08	1.76E+07	1.07E+08	3.74E+09		9.53E+07	
173	Poland		4.48E+09		1.88E+09	4.28E+08	5.05E+08	9.49E+08			1.20E+08							4.49E+09							1.15E+09		5.23E+07	
174	Portugal		5.79E+08	2.50E+08	5.69E+07	8.87E+08	2.01E+08	1.85E+08						3.05E+07				3.50E+08	1.66E+07					2.68E+05	4.71E+05	3.38E+07		7.11E+07
177	Puerto Rico					1.70E+06													1.17E+06	7.69E+05			1.36E+06	4.14E+06	1.08E+08		1.16E+05	
179	Qatar		3.45E+05		1.09E+07	1.17E+06												5.20E+04										
182	Réunion			2.86E+05		6.53E+06												9.12E+05	1.18E+05	1.05E+06					2.31E+08		1.80E+06	
183	Romania		4.42E+09	1.71E+07	9.99E+08	1.18E+10	5.98E+06	4.48E+08	3.38E+06	1.14E+07							1.05E+07	1.10E+09							3.06E+08		7.00E+07	
185	Russian Federation		8.72E+10	1.09E+09	3.53E+10	1.93E+09	1.39E+10	1.76E+10	2.47E+09	8.09E+07	2.36E+09						6.77E+07	1.11E+10							2.59E+09		9.83E+06	
184	Rwanda		2.60E+07	3.51E+07		2.81E+08				1.11E+07	4.15E+08							2.71E+08	5.44E+08	6.25E+08		1.97E+08	2.85E+06		7.96E+06		7.24E+08	
187	Saint Helena																											
188	Saint Kitts and Nevis																	6.91E+04	1.52E+05				3.58E+04	9.27E+05	4.75E+07			
189	Saint Lucia																		2.76E+05	2.40E+06	2.37E+05	4.73E+05	3.83E+06	3.53E+06				
190	Saint Pierre & Miquelon																											
191	Saint Vincent/Grenadines					2.35E+06												5.70E+06	3.16E+05			4.19E+05	4.26E+06	1.12E+07				
244	Samoa																		1.29E+05			2.15E+07	1.15E+06	1.01E+06	1.12E+04			

Country codes	Country	Crop codes (see Appendix III)	15	27	44	56	71	75	79	83	89	92	94	97	101	103	108	116	122	125	135	136	137	149	156	157	161	176
193	Sao Tome and Principe					2.43E+06														2.15E+06		1.21E+07	3.96E+05	3.07E+05				
194	Saudi Arabia		3.76E+09		3.17E+08	3.86E+07			7.40E+07	1.29E+09								1.72E+08										
195	Senegal			1.18E+09					3.98E+08								1.31E+07	5.20E+06	2.47E+06	2.64E+08						1.91E+08		
186	Serbia and Montenegro		1.72E+09		2.85E+08	5.58E+09	4.14E+06	1.52E+08		6.63E+06								4.72E+08								2.28E+08		1.23E+08
196	Seychelles																			2.00E+05								
197	Sierra Leone			2.03E+09		2.47E+07			2.27E+07	3.69E+07							5.72E+06		5.04E+07	2.68E+08		6.24E+06			3.14E+06			
200	Singapore																							2.44E+03				
199	Slovakia		7.45E+08		4.06E+08	4.39E+08	1.12E+07	3.53E+07	2.21E+06	1.31E+05				5.62E+06			9.75E+07									1.17E+08		3.34E+06
198	Slovenia		7.67E+07		2.33E+07	1.70E+08	4.11E+05	4.16E+06	6.79E+05		1.51E+06					2.99E+06	3.45E+07									2.70E+07		3.98E+05
25	Solomon Islands			9.20E+06															2.05E+07	7.38E+05		1.05E+07	2.14E+06					
201	Somalia		1.59E+07	2.34E+07		1.28E+09				2.30E+09									3.72E+06	7.36E+07						1.22E+08		2.92E+08
202	South Africa		3.00E+09	1.23E+07	2.92E+08	1.45E+10	1.46E+08	7.82E+07	5.41E+07	4.03E+08	2.04E+06							2.74E+08	8.89E+07						4.38E+09		1.58E+08	
203	Spain		6.73E+09	1.23E+09	9.45E+09	2.78E+09	6.02E+08	1.19E+09	8.26E+05	3.44E+07								6.37E+08	8.40E+06					8.23E+05	1.34E+07	9.12E+08		9.90E+07
38	Sri Lanka			8.46E+09		1.17E+08			1.93E+07	5.60E+05								1.97E+07	3.58E+07	2.11E+08						2.54E+08		4.69E+07
206	Sudan		1.19E+09	9.91E+07		4.40E+08			1.17E+10	3.02E+10								1.60E+07	3.87E+06	6.29E+07			2.95E+08		1.38E+09		4.79E+07	
207	Suriname			5.04E+08		1.59E+05													1.50E+05	1.53E+06				2.03E+05	2.93E+07			
209	Swaziland		5.90E+05	3.11E+05		2.06E+08				2.78E+06								1.22E+07	6.55E+06						4.37E+08		9.69E+06	
210	Sweden		1.67E+09		1.95E+09		1.42E+08	1.32E+09						1.93E+07	9.19E+07		1.25E+08									2.16E+08		1.72E+06
211	Switzerland		4.22E+08		1.99E+08	6.60E+07	1.51E+07	2.57E+07						5.83E+06	7.96E+05		4.95E+07									6.24E+07		
212	Syrian Arab Republic		7.83E+09		5.98E+09	6.82E+08		1.61E+06		2.58E+07								1.85E+08							1.90E+04	3.26E+08		1.28E+07
208	Tajikistan		2.64E+09	1.84E+08	2.20E+08	5.71E+07	3.87E+06	5.67E+06		3.64E+05	8.80E+05							1.32E+08										
215	Tanzania, United Rep of		2.28E+08	4.98E+09	8.04E+06	6.84E+09			6.96E+08	2.07E+09								3.31E+08	1.61E+09	4.36E+09			3.77E+06		1.69E+08		1.11E+09	
216	Thailand		3.91E+06	9.34E+10	2.52E+07	4.13E+09				2.67E+08					2.18E+07		4.12E+07	3.85E+07		6.78E+09		3.36E+07		1.51E+07	1.06E+10			7.32E+08
176	Timor-Leste			1.27E+08		1.86E+08												8.55E+05	1.33E+07	6.09E+07								1.54E+07
217	Togo			3.50E+08		1.47E+09			2.17E+08	5.84E+08							1.33E+07		7.19E+06	6.85E+08		1.16E+08	2.03E+08					4.09E+08
218	Tokelau																							4.11E+04				
219	Tonga																		1.89E+06	5.52E+06		3.36E+06	6.21E+05	1.17E+05				
220	Trinidad and Tobago			1.95E+07		3.79E+06													1.17E+05	5.17E+05	9.18E+05	1.49E+06	1.15E+04	4.34E+05	2.51E+08			
222	Tunisia		3.12E+09		1.12E+09			3.27E+07		1.23E+07				6.64E+06			1.39E+07	1.21E+08								2.25E+07		4.92E+06
223	Turkey		2.99E+10	6.75E+08	1.10E+10	3.42E+09	1.34E+08	4.63E+08	1.69E+07						1.05E+06	5.73E+07		1.30E+09				8.12E+05				2.76E+09		7.41E+08
213	Turkmenistan		2.43E+09	4.51E+08	2.03E+08	8.70E+07												4.16E+07										
227	Tuvalu																											
226	Uganda		2.50E+07	7.59E+08		2.73E+09			1.22E+09	1.05E+09								4.13E+08	3.06E+09	2.79E+09					1.77E+09			2.32E+09
230	Ukraine		1.13E+10	1.85E+08	6.57E+09	4.60E+09	1.94E+08	9.52E+08	9.29E+08	3.69E+07	1.46E+09					7.15E+07	6.68E+09									3.32E+09		9.22E+07
225	United Arab Emirates		4.38E+06																2.08E+06									
229	United Kingdom		7.37E+09		4.45E+09		2.88E+07	3.68E+08						6.55E+06		4.73E+06		4.99E+08								5.50E+08		
231	United States of America		5.32E+10	1.13E+10	4.77E+09	1.19E+11	7.87E+07	2.22E+09	6.53E+08	1.09E+10	2.01E+08							2.28E+09	1.72E+08			1.07E+06			3.21E+09	2.34E+09		1.86E+09
234	Uruguay		3.46E+08	1.22E+09	1.47E+08	1.38E+08		7.55E+07		5.71E+07					4.74E+06			2.77E+07	3.37E+07						3.07E+07			7.87E+06
235	Uzbekistan		4.79E+09	1.91E+09	3.38E+08	3.13E+08	1.61E+06		5.63E+06	3.44E+07							4.69E+06	3.94E+08								8.18E+07		
155	Vanuatu					4.28E+06																		9.53E+06				
236	Venezuela, Boliv Rep of		4.93E+06	1.56E+09		1.69E+09				7.15E+08							1.03E+08	5.85E+06	2.93E+08	4.87E+07			2.57E+07	6.61E+06	1.56E+09	6.04E+06		1.05E+08
237	Viet Nam			6.89E+10		2.31E+09											1.09E+08	7.17E+08	1.48E+09						2.95E+09			5.23E+08
243	Wallis and Futuna Is																			1.32E+06		7.99E+05	9.20E+04	3.28E+05	1.11E+04			
205	Western Sahara				2.17E+07																							
249	Yemen		5.61E+08		2.46E+08	2.11E+08			4.52E+08	2.06E+09							6.47E+05	8.24E+07	1.50E+05									1.97E+07
251	Zambia		5.60E+07	1.36E+08	9.73E+06	3.14E+09			3.00E+08	1.65E+08								6.91E+06	1.73E+07	1.27E+09						2.39E+08		
181	Zimbabwe		2.19E+08	2.38E+06	2.48E+07	7.01E+09		9.25E+05	6.83E+08	6.06E+08								1.17E+07	4.07E+06	2.98E+08					6.62E+08			2.08E+08
A.	Total water consumed per crop (m ³ /yr)		7.93.E+11	1.36.E+12	1.94.E+11	5.48.E+11	1.99.E+10	4.36.E+10	1.29.E+11	1.70.E+11	7.54.E+09	1.66.E+08	1.22.E+09	2.04.E+09	5.33.E+08	5.70.E+09	7.03.E+09	7.88.E+10	4.10.E+10	1.04.E+11	2.53.E+08	9.57.E+09	1.41.E+10	3.04.E+09	2.20.E+11	2.87.E+10	6.45.E+08	7.07.E+10
B.	Total production (ton/yr)		5.95.E+08	5.93.E+08	1.40.E+08	6.03.E+08	2.20.E+07	2.73.E+07	2.81.E+07	5.95.E+07	3.19.E+06	5.01.E+04	2.43.E+05	8.92.E+06	2.12.E+05	5.16.E+06	2.16.E+06	3.09.E+08	1.36.E+08	1.72.E+08	2.74.E+05	8.40.E+06	3.71.E+07	7.31.E+06	1.26.E+09	2.53.E+08	7.52.E+05	1.66.E+07
C.	Average VWC (m3/ton)		1334	2291	1388	909	901	1597	4596	2853	2360	3306	5008	228	2519	1105	3261	255	303	605	922	1138	380	416	175	113	858	4253

Country	Crop codes (see Appendix III)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265
Afghanistan											2.21E+08				6.07E+07	3.14E+07	3.98E+07				9.56E+06						1.23E+07	
Albania		3.55E+05							2.15E+07		5.05E+06			1.60E+06							1.97E+07	2.10E+06					2.20E+08	
Algeria		2.17E+08	4.24E+07	9.73E+07			1.07E+07		2.62E+06		7.60E+05				3.97E+08								2.74E+07				2.18E+09	
American Samoa																								2.55E+07				
Angola													3.09E+07										2.11E+08		2.98E+08			1.59E+08
Antigua and Barbuda																												
Argentina		2.52E+06	4.11E+07	1.36E+06			2.34E+07			9.04E+04					1.97E+06	3.67E+07						2.14E+10	1.00E+09			2.40E+08		
Armenia			1.38E+05				7.27E+04		9.05E+05		4.85E+05				1.67E+06													
Australia		4.40E+08	9.24E+08	4.07E+08	1.69E+07		5.33E+08		1.35E+08	2.71E+09					8.26E+07						1.50E+08	1.70E+08	1.01E+08			8.31E+06		
Austria		4.86E+06	6.93E+07													2.97E+07						6.38E+07						
Azerbaijan, Republic of		4.73E+06					4.37E+06				3.14E+06				5.35E+06	2.17E+07			1.78E+08		2.48E+07	1.13E+06				1.04E+07		
Bahamas						6.33E+05																						
Bahrain											1.01E+05										4.11E+06							
Bangladesh			7.26E+07	7.42E+07		1.28E+07	7.44E+08				5.06E+08									6.16E+08			9.14E+07	3.33E+08				3.89E+06
Barbados											2.51E+06												1.86E+05	7.49E+06				
Belarus			3.42E+08													2.47E+07			5.19E+06		4.50E+06							
Belgium-Luxembourg		1.29E+06	8.90E+06								1.14E+06					2.40E+06												
Belize													3.37E+06									6.83E+05	3.04E+05	3.41E+06				
Benin											9.07E+07		2.11E+09					2.58E+07				1.36E+07	7.25E+08	1.86E+08	2.87E+08			1.39E+07
Bermuda																												
Bhutan											5.06E+06												7.14E+06					
Bolivia		4.28E+07	1.00E+07	8.78E+05										3.31E+08								1.62E+09	4.70E+07					
Bosnia and Herzegovina			5.37E+06	3.16E+06	3.25E+06		3.18E+05		7.81E+05						1.01E+06	1.96E+07						1.92E+07						
Botswana											1.43E+08												5.38E+06					
Brazil		1.04E+08	4.13E+06										5.34E+09			1.58E+07					2.88E+07	3.43E+10	3.74E+08	2.82E+09	4.35E+08	2.85E+05		1.39E+09
British Virgin Islands																												
Brunei Darussalam																								1.10E+06				
Bulgaria			1.34E+07	6.06E+06			1.53E+07								6.22E+06	5.31E+07					4.40E+06	2.58E+07	3.94E+07					
Burkina Faso					1.21E+08			1.13E+08			1.36E+08		1.40E+08										1.56E+07	1.81E+09				
Burundi			1.70E+08			6.74E+06																9.52E+05	3.85E+07		1.30E+07			
Cambodia																					1.71E+07	8.78E+07	4.16E+07	1.27E+08				1.53E+07
Cameroon					5.61E+07						3.30E+07							1.06E+09				2.63E+07	9.63E+08	1.88E+07	6.16E+08			
Canada		9.66E+06	1.97E+09	2.09E+08			1.38E+09															3.03E+09						
Cape Verde											1.52E+08													2.65E+07				7.04E+05
Cayman Islands																												
Central African Republic											1.19E+08												4.71E+08		7.04E+07			
Chad											2.02E+08												2.24E+09					
Chile			2.18E+06	3.95E+06			5.60E+06			1.43E+07					3.37E+07	5.65E+07										2.53E+07		
China		2.60E+09	2.36E+09	3.31E+06			4.05E+08				1.84E+08		2.78E+07	7.25E+08	6.29E+07	1.22E+09	1.02E+08		5.32E+07	3.70E+08	7.97E+07	3.92E+10	1.43E+10	1.69E+08	3.07E+08	2.06E+06		2.28E+09
Cocos (Keeling) Islands																								1.12E+07				
Colombia							1.54E+07				8.25E+07										7.46E+07	1.16E+07	1.46E+08	1.41E+09				
Comoros					1.19E+06						4.14E+07												4.07E+06	3.40E+08				
Congo, Dem Republic of			2.67E+08								3.50E+07											5.10E+07	1.86E+09		2.40E+09			
Congo, Republic of			1.44E+07																				1.05E+08	1.05E+07	6.84E+07			
Cook Islands																								2.41E+07				
Costa Rica																					4.12E+07		7.45E+05	4.85E+07	4.09E+08			
Côte d'Ivoire											4.38E+07		9.67E+08					1.24E+09				7.18E+06	6.35E+08	5.58E+08	1.59E+09			
Croatia			1.24E+07		2.65E+05		4.01E+05		2.35E+06						5.72E+06	1.48E+07							1.77E+08			7.63E+07		
Cuba																							5.27E+07	3.11E+08				
Cyprus		1.26E+06		2.09E+05	2.58E+05		5.08E+04		3.35E+05		2.70E+05				3.21E+07	5.04E+06	2.00E+06		9.65E+05				2.28E+06			6.05E+07		
Czech Republic		7.19E+06	1.04E+08				1.08E+04		5.86E+05		8.90E+06					2.46E+07						4.27E+06						

Country	Crop codes (see Appendix III)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265
Denmark			1.71E+08								2.24E+06																	
Djibouti																												
Dominica											4.91E+05													3.92E+07				
Dominican Republic		2.71E+07	9.08E+05			6.45E+07							5.95E+07										1.29E+07	5.46E+08	1.24E+08			
Ecuador		1.63E+07	2.00E+07				1.04E+07			9.21E+06												8.48E+07	3.80E+07	3.48E+07	9.94E+08			4.47E+07
Egypt		7.62E+08	1.20E+06	2.40E+07	1.33E+07		2.54E+07		3.94E+06	1.46E+07	1.86E+07					7.29E+07					3.24E+07	7.14E+07	3.53E+08			4.05E+08		
El Salvador													4.17E+07									3.38E+06	1.96E+06	9.87E+07		5.29E+07		
Equatorial Guinea																								2.40E+07	3.17E+07			
Eritrea		1.97E+07	1.80E+07	2.30E+07			3.48E+07		5.00E+07		2.19E+08												9.86E+06					
Estonia			1.10E+07																									
Ethiopia		1.19E+09	5.17E+08	3.60E+08			3.79E+08		3.27E+08		7.74E+07										8.06E+08	2.19E+07	6.65E+07				1.80E+08	
Faeroe Islands																												
Fiji Islands											2.99E+06												1.19E+06	6.64E+08				
Finland			1.33E+07																									
France		4.41E+07	1.51E+09				2.28E+07			1.96E+07	5.30E+06			3.57E+07	9.42E+06	9.47E+07			1.60E+07				4.65E+08			6.88E+07		
French Guiana																								8.04E+05				
French Polynesia																								2.04E+08				
Gabon											7.89E+05											4.36E+06	5.38E+07		3.52E+07			
Gambia											6.85E+07												5.86E+08		6.29E+07			
Georgia			1.75E+05												5.21E+06	6.06E+07			6.45E+07				6.52E+06	1.28E+06				
Germany		4.96E+07	4.16E+08													2.84E+07							2.05E+06					
Ghana											6.55E+08		1.46E+08					9.15E+08			1.00E+08			1.14E+09	7.94E+08	1.54E+09		
Greece		1.19E+07	7.50E+05	3.56E+06			5.15E+06		2.20E+07	4.45E+05	1.09E+07			8.46E+07	3.55E+08	1.63E+08	4.95E+07		1.98E+07				1.25E+07	3.70E+06		5.67E+09		
Grenada						1.88E+06																		3.65E+07				
Guadeloupe											9.57E+04													1.60E+06				
Guam																					4.86E+05			1.07E+08				
Guatemala		6.32E+07									1.17E+07										5.99E+07	3.15E+07	6.65E+06	1.23E+08	2.51E+08			
Guinea											2.76E+08													8.34E+08	8.48E+07	4.16E+09		
Guinea-Bissau											1.65E+07		2.40E+09											8.44E+07	1.48E+08	1.49E+08		
Guyana			6.56E+06																					1.52E+07	2.05E+08			
Haiti					1.56E+08	2.37E+07																		9.27E+07	1.19E+08		2.35E+07	
Honduras													1.73E+07										4.69E+06	1.74E+06	3.20E+07	4.36E+08		
Hungary		7.80E+05	1.27E+08				5.12E+06			4.64E+06	3.13E+06			2.66E+06	1.57E+06	2.84E+07			7.12E+05				1.05E+08					
Iceland																												
India			2.15E+09	1.49E+10		9.89E+09	6.25E+09				3.21E+09		6.81E+09			3.33E+08				3.22E+09		2.62E+10	2.39E+10	2.11E+10			7.79E+09	
Indonesia											7.22E+06		2.25E+09							8.65E+08	8.57E+08	2.39E+09	2.35E+09	3.01E+10	2.08E+10		9.83E+07	
Iran, Islamic Rep of				2.64E+09			1.64E+09				2.83E+08				1.04E+09	7.16E+08	3.36E+09		1.45E+08		7.14E+06	6.57E+08	6.85E+06			8.50E+07		
Iraq		6.58E+07		4.97E+07	4.83E+06		5.55E+06		1.36E+07						7.68E+06	3.30E+07					1.85E+07	8.72E+06	1.24E+06			5.06E+07		
Ireland			1.44E+06																									
Israel			1.56E+06	1.69E+07			8.37E+05				5.87E+05				3.01E+07							8.48E+06		2.42E+07		1.69E+08		
Italy		1.26E+08	1.68E+07	9.33E+06			5.13E+06		2.40E+07	1.10E+07				2.01E+08	6.13E+08	3.50E+07	2.87E+07		5.88E+08		1.39E+07	1.52E+09				6.72E+09		
Jamaica		7.75E+05	5.49E+06		1.06E+06	4.08E+06																	1.08E+07	6.54E+08				
Japan		3.49E+05	1.12E+06											1.95E+08								4.72E+08	3.59E+07					
Jordan		2.00E+06		3.93E+06			1.78E+07		1.21E+07						6.55E+06											7.59E+08		
Kazakhstan			6.03E+07	4.54E+06																		2.58E+07	1.90E+06					
Kenya				1.10E+08	2.93E+08	4.70E+08	1.86E+07						2.21E+07									8.87E+07		8.47E+07	2.24E+08		1.71E+08	
Kiribati																						3.76E+06		3.48E+08				
Korea, Dem People's Rep														4.17E+07								3.32E+07	1.34E+09					
Korea, Republic of										2.15E+07				3.63E+08		3.93E+06						4.44E+07	4.32E+08	2.10E+07				
Kuwait																												
Kyrgyzstan											3.80E+07				7.68E+06	2.91E+07			1.39E+07		9.51E+06		2.35E+07					
Laos											3.64E+07												1.04E+07	4.18E+07				
Latvia			6.69E+06						3.16E+06														1.19E+06					
Lebanon		1.90E+06	4.06E+06	6.67E+06			1.14E+07		1.99E+07	2.24E+06	8.03E+05				6.45E+07	9.14E+06					1.80E+06		1.47E+07			4.71E+08		
Lesotho			1.47E+07																									

Country	Crop codes (see Appendix III)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265
Liberia											1.72E+07										2.68E+07	1.71E+07	2.89E+07	2.87E+07	1.84E+08			
Libyan Arab Jamahiriya		6.79E+07	2.29E+07	1.36E+06											9.50E+08								9.82E+07			1.57E+09		
Liechtenstein																												
Lithuania			8.46E+07						3.24E+07	5.69E+06	1.63E+07																	
Macedonia,The Fmr Yug Rp			2.71E+06	4.77E+05	5.96E+06		1.30E+06		1.15E+07						2.18E+06	1.38E+07												
Madagascar			1.24E+07		1.04E+07		5.65E+06				2.61E+07		1.52E+08				4.83E+06					1.48E+05	2.02E+08	4.05E+08	2.10E+07			7.44E+07
Malawi				1.79E+08	2.23E+08	3.82E+08															2.61E+07		5.98E+08					
Malaysia													5.99E+07							2.04E+07			5.14E+06	2.16E+09	2.89E+10			
Maldives											3.35E+05									4.76E+05	4.73E+06			4.69E+07				
Mali					1.25E+09			8.93E+07			2.64E+06										3.29E+07		1.40E+09					
Malta									1.00E+06																	3.07E+04		
Marshall Islands																								1.21E+08				
Martinique																								7.03E+06				
Mauritania					2.41E+08						2.45E+08												1.83E+07					
Mauritius																							6.24E+05	5.18E+06				
Mexico		2.65E+07	1.01E+07	3.49E+08			4.03E+07		2.76E+07		1.13E+05		3.54E+07		5.31E+05	8.73E+07	1.01E+06				6.04E+08	4.39E+08	3.72E+08	2.29E+09	8.33E+07	4.85E+07		2.67E+07
Micronesia,Fed States of																								3.55E+08				
Moldova, Republic of			8.13E+07						2.48E+06						3.25E+06	2.82E+07			5.66E+06		4.26E+06	4.53E+07						
Mongolia											5.02E+06																	
Montserrat																												
Morocco		6.77E+08	1.39E+08	1.68E+08			3.80E+08		9.34E+07	9.68E+07	1.72E+08				1.47E+09	7.20E+07						7.17E+06	1.43E+08			4.75E+09		2.28E+06
Mozambique											1.59E+09		5.87E+08										9.11E+08	1.23E+09				1.38E+07
Myanmar			1.31E+08	2.08E+08	2.34E+08	6.83E+08	1.27E+07													3.72E+08		2.23E+08	1.89E+09	3.83E+08				
Namibia											3.37E+07												1.96E+06					
Nauru																								3.93E+06				
Nepal				2.69E+07		5.23E+07	5.58E+08				4.19E+07				8.85E+04							6.63E+07	1.65E+06					
Netherlands		1.42E+06	3.10E+06																									
New Caledonia											9.14E+04														2.83E+07			
New Zealand			1.20E+07				6.55E+05																					
Nicaragua																						2.54E+07	8.68E+07	1.32E+07	2.70E+07			
Niger					2.01E+10						1.90E+08												1.72E+09					
Nigeria					1.27E+10						6.20E+08		3.38E+09					1.37E+09			3.77E+07	2.39E+09	1.57E+10	5.82E+08	4.69E+10			
Niue																								3.24E+07				
Norway																												
Oman																												
Pakistan			6.76E+08	3.92E+09			3.97E+08				2.89E+08				1.33E+08	2.68E+07	1.62E+06				4.86E+07	5.12E+07	4.89E+08	7.67E+06				6.77E+07
Panama						1.23E+07					1.92E+07												3.31E+05	4.78E+07				
Papua New Guinea											1.51E+07										1.10E+08		3.81E+06	2.86E+09	7.64E+08			
Paraguay		2.59E+07	9.07E+06																			4.34E+09	1.54E+08		1.57E+08			1.21E+08
Peru		9.70E+07	8.55E+07	3.42E+06			2.01E+07			1.64E+07	4.57E+06	1.20E+07	3.91E+06	6.76E+06		2.55E+06					6.60E+06	6.12E+06	1.73E+07	1.86E+07	9.10E+07	3.79E+07		
Philippines											1.06E+08		1.56E+08								1.36E+08	1.91E+06	8.81E+07	3.93E+10	1.63E+08			5.12E+07
Poland			6.35E+07						8.61E+06	5.09E+07	2.10E+08																	
Portugal		8.27E+07		4.01E+06						3.48E+04				2.50E+08	2.86E+08	2.42E+07			6.72E+06		1.08E+08		4.28E+04			2.32E+09		
Puerto Rico						2.46E+06																		7.66E+06				
Qatar																												
Réunion											7.95E+05												2.03E+06	1.14E+06				
Romania			4.35E+07								5.73E+06			6.83E+05		1.53E+07						3.93E+08						2.69E+05
Russian Federation		1.73E+07	1.53E+09	5.17E+06			1.28E+07		5.67E+08	3.85E+07	2.32E+07			2.23E+07		6.38E+07			5.49E+06		1.02E+07	1.26E+09						1.06E+07
Rwanda			8.43E+07																			8.52E+07	3.60E+07					
Saint Helena																												
Saint Kitts and Nevis											7.04E+05												1.32E+05	3.07E+06				
Saint Lucia											7.26E+04													5.75E+07				
Saint Pierre & Miquelon																												
Saint Vincent/Grenadines											1.29E+06												9.02E+05	9.48E+07				
Samoa																								2.57E+08				

Country	Crop codes (see Appendix III)	181	187	191	195	197	201	203	205	210	211	216	217	220	221	222	223	224	225	226	234	236	242	249	254	260	263	265
Sao Tome and Principe																								1.01E+08	1.99E+07			
Saudi Arabia											3.84E+07												9.94E+06					
Senegal					5.03E+08						5.02E+06		5.61E+08								5.06E+07			8.53E+09	4.28E+07	1.67E+08		
Serbia and Montenegro			3.96E+07		2.33E+07				2.25E+07					3.66E+06		9.80E+07							4.62E+08				1.39E+07	
Seychelles																								9.94E+06				
Sierra Leone		1.67E+06	3.80E+06								2.77E+08							1.66E+08					1.36E+08	3.35E+07	2.74E+08			
Singapore																								1.64E+05				
Slovakia		7.67E+06	5.33E+07				4.05E+06		4.26E+06		1.25E+07					2.23E+07							1.52E+07					
Slovenia			4.43E+05											7.49E+04		5.60E+05							8.82E+04				2.40E+06	
Solomon Islands											8.08E+06											2.55E+06			4.14E+08	8.92E+07		
Somalia																							2.76E+07	5.71E+07				
South Africa			3.83E+06		3.30E+07					3.64E+07												4.04E+07	4.88E+08	4.51E+08				1.04E+08
Spain		4.69E+07	1.70E+08	1.89E+08			1.74E+08		7.43E+08	5.69E+07	3.66E+08			7.36E+07	5.42E+09	2.75E+07			2.93E+08		2.69E+07	2.15E+07	3.12E+05			1.67E+10		
Sri Lanka					4.10E+07								2.46E+08									2.01E+06	4.50E+07	6.29E+09				
Sudan		2.48E+08		4.17E+07							4.45E+08												9.67E+09					3.72E+07
Suriname											6.49E+05											1.14E+05	7.09E+05	1.35E+07	3.99E+06			
Swaziland					3.92E+06						4.74E+06												2.52E+07					
Sweden			8.28E+07																									
Switzerland			6.67E+06													8.30E+06							6.00E+06					
Syrian Arab Republic		5.12E+07	3.31E+06	3.23E+08			1.55E+09		2.67E+08	5.53E+05	4.75E+06				2.55E+08		3.01E+08					8.36E+07	3.62E+07	1.09E+08			5.82E+09	
Tajikistan			1.74E+07				5.56E+06				2.39E+07				4.02E+07					7.70E+06		7.41E+06	5.06E+05	9.31E+06				
Tanzania, United Rep of			1.91E+08	1.22E+08	3.88E+08	1.91E+08					1.95E+08		7.90E+08									7.09E+07	1.49E+07	4.53E+08	3.82E+09	5.23E+07		5.07E+07
Thailand											1.91E+08		2.20E+08							1.31E+08	1.99E+08	6.23E+08	3.66E+08	4.29E+09	2.49E+09			1.50E+08
Timor-Leste																						2.48E+06	1.53E+07					
Togo											4.34E+07		2.20E+06										3.34E+08	5.99E+07	1.93E+08			8.08E+06
Tokelau																								7.49E+06				
Tonga																							6.18E+05	7.88E+07				
Trinidad and Tobago					2.67E+05	1.76E+06					9.29E+05													5.17E+07				
Tunisia		1.98E+08	1.99E+07	3.69E+07			1.04E+07				1.01E+08				1.87E+09		2.66E+08										1.21E+10	
Turkey		7.17E+07	6.07E+06	1.97E+09			3.34E+09		1.09E+09		3.49E+07			4.04E+08	1.60E+08	6.40E+08	3.58E+08		3.68E+09		4.36E+06	1.40E+08	1.59E+08			4.39E+09		
Turkmenistan			2.64E+07												1.72E+07							4.08E+06						
Tuvalu																								2.22E+07				
Uganda			1.06E+08	1.45E+07	1.89E+08	2.55E+08																	3.79E+08	1.15E+09				4.26E+07
Ukraine			1.23E+09						1.63E+08					1.32E+06	8.58E+05	1.76E+08			4.91E+05		7.43E+06	2.03E+08						1.79E+06
United Arab Emirates															6.36E+05													
United Kingdom		7.96E+07	1.92E+08								1.99E+08																	
United States of America			3.08E+08		1.52E+07		3.27E+08								1.18E+09	5.85E+08	1.95E+08		8.69E+07		4.41E+08	1.40E+11	1.97E+09			7.41E+07		
Uruguay		4.25E+05	1.90E+06																				2.40E+07	6.74E+06			1.10E+07	
Uzbekistan		3.08E+07	2.16E+06	7.58E+05											5.77E+07	3.56E+07	1.14E+07		1.25E+07		1.09E+07		5.24E+07			9.60E+05		
Vanuatu																							7.36E+06	8.01E+08				
Venezuela, Boliv Rep of			1.84E+05			8.34E+06																	5.65E+06	3.34E+06	3.22E+08	3.19E+08		
Viet Nam											3.11E+08		1.53E+09									2.58E+07	2.25E+08	6.96E+08	1.70E+09			5.69E+07
Wallis and Futuna Is																								4.83E+07				
Western Sahara																												
Yemen		2.24E+07	8.84E+06	1.05E+08			5.33E+07				1.85E+07				2.36E+06													
Zambia											1.03E+08												8.37E+07	7.60E+08				
Zimbabwe											2.12E+07											1.34E+07	3.45E+08	4.10E+08				
Total water consumed per crop (m ³ /yr)		7.57E+09	1.70E+10	2.66E+10	3.66E+10	1.21E+10	1.85E+10	2.02E+08	3.67E+09	3.09E+09	1.30E+10	1.20E+07	2.81E+10	2.74E+09	1.47E+10	5.09E+09	4.72E+09	4.78E+09	5.19E+09	5.59E+09	4.61E+09	2.86E+11	1.04E+11	1.29E+11	1.17E+11	6.51E+10		1.30E+10
Total production (ton/yr)		3.69E+06	1.13E+07	8.24E+06	3.37E+06	2.94E+06	2.99E+06	4.89E+04	9.60E+05	1.66E+06	3.31E+06	6.11E+04	1.46E+06	8.87E+05	1.50E+06	1.20E+06	4.35E+05	2.16E+05	7.54E+05	6.21E+05	6.00E+05	1.60E+08	3.32E+07	5.08E+07	1.12E+08	1.48E+07	6.39E+05	1.24E+06
Average VWC (m3/ton)		2050	1502	3230	10845	4103	6166	4123	3826	1865	3929	196	19271	3094	9769	4235	10864	22103	6876	8999	7692	1789	3145	2545	1053	4393		10500

Country	Crop codes (see Appendix III)	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Afghanistan		7.95E+07					1.80E+08						5.13E+08	2.76E+08														
Albania		7.54E+06											4.37E+06									3.06E+07						
Algeria		3.40E+05	1.16E+08										7.93E+05				1.74E+07	7.06E+07				2.93E+08	9.44E+06	3.06E+07	1.72E+07	2.38E+07	5.73E+07	
American Samoa																												
Angola		5.63E+07					2.41E+07						7.51E+07									1.62E+07						4.48E+07
Antigua and Barbuda													4.02E+06				1.31E+05					1.31E+05		1.01E+05	1.04E+05	1.58E+05	6.17E+04	
Argentina		1.59E+10	2.50E+07			2.00E+08							3.08E+09	1.79E+08				4.68E+07	1.18E+07			7.50E+07		5.43E+07			3.80E+07	
Armenia																	2.35E+07					3.45E+07	1.09E+06		1.66E+07			
Australia		7.15E+08	8.30E+09			2.58E+08		5.80E+05					3.22E+09	3.48E+07				1.42E+07		2.35E+07	2.62E+07	1.63E+06	3.71E+07	5.29E+07	3.50E+07	6.43E+06	1.46E+07	
Austria		6.47E+07	1.98E+08						5.09E+05							3.49E+07	6.60E+06		1.11E+06	3.99E+06	4.57E+05	5.90E+05			1.75E+06		5.64E+05	
Azerbaijan, Republic of		1.70E+07											8.22E+08				2.50E+07					1.06E+08			3.55E+07	1.36E+07	6.96E+06	
Bahamas																						1.24E+06						
Bahrain																	4.88E+05			9.81E+04		1.21E+06	1.48E+05	4.39E+05	4.28E+05	4.97E+05	1.99E+04	
Bangladesh			1.16E+09				2.00E+08						9.90E+07	2.35E+08		2.41E+06	4.66E+07			2.14E+07	1.13E+07	5.95E+07	2.28E+07	5.69E+07	1.16E+07			
Barbados																	9.37E+05			1.48E+05		4.85E+05		2.47E+05	6.33E+05		6.97E+05	
Belarus		3.14E+07	4.34E+07										2.50E+08				8.97E+07					4.76E+07			3.99E+07			
Belgium-Luxembourg			5.29E+07										7.17E+07				4.26E+07		1.33E+06	1.14E+07	6.18E+06	6.54E+06	3.13E+07		7.75E+05		2.46E+06	7.14E+04
Belize																	2.54E+05					3.56E+05		9.42E+04	4.40E+04		1.14E+05	7.15E+04
Benin							4.50E+07						2.31E+09									1.49E+08					1.17E+08	
Bermuda																	7.12E+04					3.86E+04						
Bhutan								6.20E+06																			7.90E+06	
Bolivia		4.64E+08											3.96E+08				7.57E+06			5.34E+06		3.08E+07	1.44E+06	4.07E+07	1.75E+06		1.53E+07	
Bosnia and Herzegovina		7.70E+05	4.86E+06														3.96E+07					2.34E+07					1.99E+07	
Botswana		2.48E+07											6.97E+06															
Brazil		1.54E+08	7.09E+07				6.16E+07						4.48E+09	3.22E+07								2.15E+08						
British Virgin Islands																												
Brunei Darussalam																												
Bulgaria		2.14E+09	1.94E+07										5.56E+07			1.14E+07	4.44E+07		1.40E+07	2.83E+06	1.00E+06	1.33E+08	7.03E+05	1.17E+07	4.15E+07	6.36E+06	9.40E+07	5.48E+06
Burkina Faso							1.27E+08						2.41E+09									7.05E+06					1.45E+07	5.47E+06
Burundi													1.96E+07															
Cambodia							4.04E+07						9.91E+05															
Cameroon							4.97E+07			3.29E+08			9.44E+08				1.31E+07					9.73E+07		2.19E+08	2.45E+08	1.29E+06	1.92E+07	
Canada		1.61E+08	1.24E+10			6.28E+06		2.22E+08						1.76E+09			2.47E+07		3.71E+06	5.15E+06	5.17E+05	2.59E+07	6.99E+06	4.80E+06	9.40E+06		5.59E+06	
Cape Verde																	9.62E+05			1.10E+05		1.33E+06	1.85E+04	1.95E+05	1.36E+05			
Cayman Islands																						5.24E+03		7.88E+04				
Central African Republic							1.16E+08						2.97E+08											5.13E+06				
Chad							3.87E+08			1.76E+08			2.83E+09															
Chile		3.56E+06	4.55E+07											1.29E+06	1.30E+06		4.63E+06	2.43E+07	2.59E+07	1.15E+07		3.45E+07	2.38E+06	7.92E+06	1.25E+06		4.95E+06	
China		3.52E+09	9.20E+09			7.16E+07	1.84E+09	5.49E+07		4.78E+07			1.93E+10	1.94E+09	4.60E+07		4.58E+09	4.66E+07	4.94E+09	9.70E+08	8.39E+08	3.32E+09	9.02E+08	6.23E+08	3.79E+09	2.59E+09	1.77E+09	7.54E+07
Cocos (Keeling) Islands																												
Colombia							1.98E+07						2.78E+08				2.16E+08		5.43E+06	2.92E+06	9.88E+05	6.60E+07	1.17E+06	7.73E+06	7.95E+05	4.80E+05	6.86E+06	
Comoros																						2.62E+05						2.31E+05
Congo, Dem Republic of							2.68E+07			2.66E+08			3.92E+08				7.24E+06			1.31E+06		2.27E+07		7.16E+06	2.16E+05			
Congo, Republic of							1.39E+06										3.49E+05			5.14E+04		1.92E+06						
Cook Islands																						3.83E+04						
Costa Rica							6.14E+05						1.77E+06				6.60E+06					5.23E+06						
Côte d'Ivoire							1.49E+07						1.43E+09									6.65E+07				1.20E+07	1.66E+07	2.17E+06
Croatia		1.07E+08	4.95E+07						5.46E+04								4.55E+07			7.36E+06		3.02E+07			2.09E+07		2.06E+07	
Cuba																	3.04E+07					1.83E+08		1.31E+08	5.92E+07	4.44E+05	1.78E+07	
Cyprus							1.42E+04										8.28E+05	1.87E+06		9.11E+04	1.49E+05	1.46E+06	1.32E+05	4.24E+05	9.75E+05	4.24E+05	1.22E+05	9.60E+04
Czech Republic		7.39E+07	1.11E+09					3.48E+07	1.59E+07					2.57E+07		1.82E+06	1.40E+07			1.23E+06	9.13E+05	7.37E+06	7.25E+06		1.33E+07		1.09E+06	

Country	Crop codes (see Appendix III)	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Denmark		3.74E+08						2.78E+04						8.06E+06			3.98E+06			6.92E+05		3.13E+05	2.22E+06		1.10E+05			
Djibouti																												
Dominica																	2.85E+05			3.90E+04		8.24E+04		1.87E+05	7.81E+05			
Dominican Republic																	1.75E+06			1.13E+06		4.63E+07		1.61E+07	2.98E+05	5.80E+06	1.11E+07	
Ecuador	4.62E+05						1.76E+05						3.04E+07	2.61E+05			5.15E+06			3.06E+06		2.25E+07	8.99E+05	6.87E+06	1.14E+05		3.52E+06	4.88E+07
Egypt	4.06E+07						1.50E+08						2.15E+09	1.15E+08			1.29E+08	4.90E+07		1.26E+07	5.44E+06	1.00E+09	1.08E+07	1.33E+08	1.41E+08	2.12E+08	8.55E+07	
El Salvador							3.86E+07						8.53E+06				5.49E+05					5.50E+06			2.76E+06		2.01E+06	
Equatorial Guinea																												
Eritrea							4.91E+07							8.41E+06		1.88E+08												
Estonia		8.70E+06												3.44E+05			4.42E+06					2.11E+05	1.38E+05		6.41E+05			
Ethiopia	7.26E+07					4.46E+08	1.11E+08						2.76E+08	4.53E+08		1.09E+09	6.60E+07					2.32E+07						6.75E+06
Faeroe Islands																												
Fiji Islands																	3.91E+05					1.30E+06		5.96E+05	2.14E+05	2.07E+06	5.67E+05	
Finland		1.64E+08															4.81E+06					4.32E+05	1.43E+06		1.67E+06			
France	2.89E+09	5.00E+09						1.07E+06	9.05E+06					2.01E+08	2.61E+07		4.56E+07	8.50E+07	5.63E+07	5.37E+07	1.10E+07	3.81E+07	1.37E+08	1.22E+07	4.42E+06	2.51E+06	3.22E+06	5.16E+06
French Guiana																	2.43E+06			8.88E+04		4.94E+05			6.07E+05			
French Polynesia																	4.96E+05			1.62E+05		1.79E+05		2.77E+04	2.40E+05		7.99E+04	1.17E+04
Gabon																						1.47E+05				5.22E+04		
Gambia							2.70E+07						7.70E+06															
Georgia	1.76E+08												5.24E+05				6.56E+07					8.95E+07			1.74E+07			
Germany	1.02E+08	4.13E+09						4.91E+06	2.09E+06					4.27E+08			5.65E+07		6.04E+07	1.95E+07	5.76E+06	1.43E+06	2.10E+07		1.17E+07			
Ghana													3.08E+08									1.53E+08			1.45E+04	8.99E+06	4.26E+08	
Greece	3.58E+07						6.74E+05			7.27E+06			1.92E+09				4.30E+07	2.73E+07	6.71E+07	3.75E+06	3.02E+06	1.34E+08	4.09E+06	8.64E+06	8.25E+06	1.86E+07	5.63E+06	1.39E+06
Grenada													1.02E+06				1.38E+05			3.54E+04		4.19E+04		8.35E+04	4.20E+04			
Guadeloupe																	1.40E+06			4.19E+05		8.77E+05		6.30E+04	3.44E+05	4.37E+04	3.15E+04	
Guam																						2.37E+04			2.75E+04			
Guatemala							1.68E+08						1.08E+07				2.32E+07			4.77E+06		3.33E+07	1.25E+07				1.14E+07	
Guinea							5.74E+06						2.25E+08															
Guinea-Bissau													2.08E+07															
Guyana																	7.84E+05					2.32E+06						
Haiti							4.34E+07						2.07E+07				5.44E+06			4.74E+05	8.79E+04	1.13E+06				2.66E+05		
Honduras							5.07E+06						6.70E+06				7.56E+06			2.57E+05		2.45E+07	2.41E+05	8.19E+05	3.82E+06	2.23E+05	1.53E+06	
Hungary	1.46E+09	1.00E+08							2.15E+06					3.77E+06	2.01E+06	4.55E+07	2.65E+07		3.82E+06	1.66E+06	7.11E+05	3.86E+07	3.30E+06	1.66E+06	1.61E+07		3.36E+07	1.70E+06
Iceland																	4.77E+04						9.36E+03	2.78E+04		1.57E+04		
India	3.36E+09	1.41E+10				1.73E+09	4.87E+09						4.72E+10	2.92E+09		1.18E+09	9.76E+08			2.01E+08		2.18E+09	4.72E+08	8.11E+08	4.22E+07	1.13E+09	1.40E+07	
Indonesia												2.01E+09	1.22E+08				4.71E+08				1.01E+08	1.80E+08		1.82E+07	1.46E+08	1.46E+08	6.62E+08	
Iran, Islamic Rep of	5.51E+08					6.50E+06	2.01E+08						1.97E+09	4.76E+06		1.01E+06	7.68E+07	1.08E+07	8.24E+06	1.36E+07	2.30E+06	9.34E+08	6.32E+06	2.36E+08	5.11E+08	4.44E+07	2.38E+07	
Iraq	1.20E+08						1.82E+08						1.75E+08	6.27E+06			1.19E+07			5.44E+06	2.13E+06	3.27E+08	6.42E+06	2.44E+07	3.03E+08	1.16E+08	9.25E+06	1.49E+07
Ireland		1.02E+07															3.51E+06			7.89E+05		3.06E+05	2.66E+06		3.84E+04			
Israel	2.37E+07						2.17E+04						1.34E+08			3.36E+06	9.62E+06	8.40E+06	4.70E+05	1.91E+06	2.52E+06	6.06E+04	2.07E+07	2.21E+06	8.95E+06	4.74E+06	5.70E+06	5.04E+05
Italy	9.60E+08	2.52E+08												1.40E+07			1.30E+08	4.03E+08	4.17E+07	1.77E+08	1.32E+07	6.95E+08	1.24E+08	5.10E+07	1.20E+07	5.67E+07	6.85E+07	
Jamaica																	6.95E+06			9.33E+05	4.88E+06	5.85E+06	2.44E+05	4.82E+06	3.41E+06	1.23E+05	2.68E+06	3.45E+06
Japan		7.96E+05															2.49E+08		4.29E+07	6.12E+07	4.06E+07	5.53E+07	3.66E+07	4.71E+07	5.18E+07	4.90E+07	1.49E+07	1.05E+08
Jordan							7.52E+05										5.04E+06			1.35E+06	3.47E+05	4.35E+07	3.47E+06	1.01E+07	6.40E+06	1.47E+07	2.96E+06	1.18E+06
Kazakhstan	1.27E+09	7.89E+06				3.26E+08		3.18E+07					8.68E+08	6.93E+06		6.22E+07	8.91E+07					1.33E+08			1.01E+08	6.78E+06	1.32E+07	
Kenya	5.62E+07						8.78E+07						2.79E+08	3.66E+06			2.42E+08					2.22E+05						
Kiribati																												
Korea, Dem People's Rep													8.56E+07				1.42E+08					3.52E+07		2.28E+07	1.87E+07	1.60E+07	8.52E+07	3.26E+07
Korea, Republic of		2.47E+06					1.39E+08									1.16E+08	2.51E+08			2.51E+07	1.57E+07	2.05E+07		2.48E+07	2.80E+07	1.25E+06	3.34E+08	1.16E+08
Kuwait																	1.09E+06			2.94E+05	6.38E+04	3.72E+06	3.72E+05	9.08E+05	6.33E+06	2.50E+06	3.42E+05	
Kyrgyzstan	8.83E+07												2.34E+08	1.55E+07			3.07E+07					5.52E+07	5.58E+05	7.86E+05	4.56E+07			
Laos							1.89E+07						2.71E+07															
Latvia		2.30E+06												5.52E+06			1.26E+07								3.61E+06			
Lebanon	1.93E+05						1.20E+06										7.82E+06	1.39E+06		2.41E+06	4.13E+05	2.81E+07	8.98E+05	3.10E+06	1.35E+07	8.40E+06	8.43E+05	
Lesotho																												

Country	Crop codes (see Appendix III)	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Liberia																						4.49E+05						
Libyan Arab Jamahiriya																	1.81E+06					7.16E+07	1.29E+06	1.07E+07	4.76E+06	3.43E+06	4.90E+06	8.84E+06
Liechtenstein																												
Lithuania			2.72E+07					1.33E+05						2.28E+07			2.53E+07					3.93E+06	9.19E+05		3.48E+06	4.31E+05		
Macedonia,The Fmr Yug Rp		4.51E+07	1.27E+06				8.42E+04		2.92E+05				3.17E+04				1.77E+07					3.39E+07			4.73E+06		3.55E+07	
Madagascar													1.37E+08				3.85E+06			4.31E+05		1.05E+07	1.79E+05		6.38E+05	8.16E+05		3.08E+05
Malawi		2.08E+07											3.69E+08				1.80E+07					1.60E+07						
Malaysia																3.88E+08	5.14E+06					2.28E+06		1.05E+06	5.31E+06			
Maldives																											2.39E+05	
Mali							1.10E+08			5.90E+07			4.75E+09									1.48E+07					1.02E+06	
Malta																	7.11E+05					1.57E+06	4.42E+05	1.34E+05				
Marshall Islands																												
Martinique																	4.95E+05			7.59E+05		1.48E+06			5.93E+05	2.03E+04		
Mauritania																												
Mauritius																	1.73E+06			4.36E+05		3.36E+06	4.25E+05	2.00E+06	1.23E+06	5.80E+05	8.56E+05	
Mexico		3.78E+06	1.62E+07		4.94E+06	5.73E+08	2.13E+08	3.57E+04		3.69E+05			9.65E+08	2.34E+04			3.05E+07	5.92E+06	1.32E+08	2.31E+07	4.05E+06	4.12E+08	4.26E+07	9.51E+07	5.30E+07	6.01E+06	4.92E+08	1.11E+08
Micronesia,Fed States of																												
Moldova, Republic of		8.55E+08															3.07E+07					5.89E+07	1.86E+06	3.12E+06	1.44E+07	2.19E+06	1.14E+07	
Mongolia																									1.54E+06			
Montserrat													1.60E+05									7.71E+04			2.81E+05		6.39E+04	
Morocco		1.73E+08	4.49E+06				1.02E+07						4.82E+06				7.67E+06	3.21E+07	1.40E+08			9.60E+07	2.95E+06	1.85E+07	4.03E+06	1.45E+07	1.84E+07	1.99E+06
Mozambique		1.09E+08					1.98E+07						1.08E+09									3.99E+06		1.43E+06				
Myanmar		9.33E+08					2.29E+09	4.29E+07					1.42E+09															
Namibia		6.91E+05											2.22E+07															
Nauru																												
Nepal								2.08E+08					6.24E+06	4.28E+07													5.05E+06	
Netherlands		3.41E+06							4.97E+05				1.29E+07				3.07E+07		1.01E+07	5.17E+06	2.86E+06	4.37E+06	9.42E+06	4.24E+05	2.05E+06	2.77E+05	3.52E+06	
New Caledonia																												
New Zealand		3.27E+06												4.75E+05			2.76E+06		8.31E+06	3.34E+06	1.02E+06	2.59E+06	3.51E+06	1.08E+07		4.43E+05	1.53E+07	
Nicaragua							5.08E+07						1.21E+07				4.15E+07					2.06E+06						
Niger							2.38E+08						4.52E+07				1.37E+08			2.44E+07		5.22E+07					1.63E+07	1.52E+06
Nigeria							4.37E+08		1.42E+09				3.25E+09									7.64E+08					5.55E+08	4.34E+07
Niue																												
Norway		1.81E+07															1.92E+06				5.62E+05		9.75E+04	1.40E+06		2.28E+05		1.57E+06
Oman																						6.65E+06						
Pakistan		2.37E+08	7.89E+08			1.85E+06	4.79E+08						2.37E+10	5.06E+07			1.57E+07			2.30E+05	1.28E+07	1.56E+08	2.07E+07	7.28E+07	2.58E+06	1.73E+07		
Panama							1.17E+06										1.27E+06				5.79E+05		2.93E+06			1.06E+06		9.80E+05
Papua New Guinea																						2.71E+05		2.05E+05				
Paraguay		2.66E+08					3.88E+07						1.30E+09									7.17E+06		5.74E+06			8.49E+06	9.39E+06
Peru							1.23E+06						4.27E+08	1.66E+06			1.72E+07	3.15E+06	1.37E+08	8.35E+06	2.05E+06	2.68E+07	4.60E+06	1.35E+07	3.74E+06		2.67E+07	
Philippines													1.55E+07			6.25E+07	3.33E+07		1.16E+07			7.89E+07		1.58E+07	3.96E+06	5.89E+07	1.51E+07	4.86E+05
Poland		2.58E+08											5.47E+06	1.32E+05	6.74E+07		1.73E+08		4.60E+05			7.69E+07	4.54E+07		8.77E+07			
Portugal		6.54E+07															3.19E+07			3.43E+06	7.22E+05	5.20E+07	1.61E+06	1.09E+06	1.01E+06	1.22E+06	2.64E+05	1.53E+05
Puerto Rico																	1.96E+05					1.68E+06						2.97E+06
Qatar																	1.38E+06			1.58E+05	9.99E+04	2.28E+06	4.51E+05	2.45E+06	2.30E+06	2.21E+06	5.50E+05	
Réunion																	2.99E+06			7.93E+05		1.20E+06	1.14E+06	1.50E+06		1.39E+06		9.02E+05
Romania		3.27E+09	4.69E+07					1.21E+07	2.37E+06				1.01E+05	9.31E+06	4.59E+06		1.61E+08			7.32E+06		1.98E+08		6.84E+07	2.68E+07		7.34E+07	
Russian Federation		1.16E+10	4.08E+08			1.64E+07		1.16E+08						2.16E+08	6.86E+06		5.69E+08					5.20E+08	3.25E+06		1.68E+08			
Rwanda																								5.88E+07				
Saint Helena																												

Country	Crop codes (see Appendix III)	267	270	275	277	280	289	292	296	299	305	310	328	333	336	339	358	366	367	372	373	388	393	394	397	399	401	402
Sao Tome and Principe																												
Saudi Arabia							1.88E+07															1.44E+08		3.46E+07	2.68E+07	6.28E+07		
Senegal							2.52E+07			6.82E+07			3.36E+08									1.80E+07						
Serbia and Montenegro		6.50E+08	4.15E+06						7.63E+05						1.24E+06		1.17E+08					1.06E+08			1.99E+07		9.52E+07	
Seychelles																						1.54E+05						
Sierra Leone							8.32E+06															1.04E+07						
Singapore																												
Slovakia		2.14E+08	7.03E+07					5.56E+06	8.57E+05					4.25E+06		2.23E+06	2.43E+07			1.12E+06	2.90E+05	1.34E+07	5.58E+06		1.06E+07		9.78E+06	
Slovenia		1.87E+05	1.73E+04														5.13E+06			9.78E+05	6.06E+04	1.58E+06	3.13E+05		5.97E+05		7.70E+05	
Solomon Islands																												
Somalia							3.83E+08						1.46E+08															
South Africa		3.07E+09											5.36E+08			5.00E+07	4.48E+07			1.19E+07		6.66E+07	5.22E+06	6.73E+07	6.70E+06			
Spain		1.32E+09	2.06E+08			4.89E+05							4.51E+08	1.32E+08	1.69E+04		5.45E+07	1.85E+08	1.30E+08	3.68E+07	3.13E+06	1.93E+08	2.26E+07	1.52E+07	2.83E+07	2.33E+07	3.53E+07	2.41E+06
Sri Lanka							3.12E+07	5.56E+05									2.07E+07					2.85E+07		3.46E+07	1.06E+07	4.10E+07	9.73E+07	
Sudan		9.44E+07					9.01E+09						1.79E+09									1.71E+08		1.53E+07		2.78E+07	4.81E+06	
Suriname																	1.85E+05					3.96E+05			2.45E+05			
Swaziland													1.86E+08									1.13E+06						
Sweden			1.85E+08											4.61E+07			1.67E+06			1.89E+06		2.21E+05	1.22E+06		1.71E+06			
Switzerland		6.92E+06	4.44E+07														2.07E+06			2.75E+06	1.46E+06	8.27E+05	1.44E+06		2.19E+05			2.05E+06
Syrian Arab Republic		1.01E+07					6.50E+07						2.02E+09				2.12E+07	6.98E+06		3.40E+06		9.10E+07	3.86E+06	2.94E+07	5.31E+07	5.89E+07	6.64E+06	5.92E+06
Tajikistan		8.10E+06	4.04E+05			6.53E+06	1.24E+06						1.75E+09				2.62E+07					4.60E+07			4.65E+06			
Tanzania, United Rep of		3.01E+08					3.03E+08						1.88E+09									6.77E+07						
Thailand							1.69E+08					5.04E+08	1.72E+08				8.79E+07		9.60E+06	9.53E+04		5.34E+07	1.68E+07	4.34E+07	7.30E+07	4.25E+07	4.10E+06	
Timor-Leste																	2.04E+06					4.67E+05			3.15E+05			
Togo							1.46E+07						1.04E+09				1.93E+05					7.81E+06						
Tokelau																												
Tonga																						7.56E+04		3.71E+06				
Trinidad and Tobago																	4.67E+05			3.15E+05		8.80E+05	1.34E+05	1.34E+06	8.57E+05	3.39E+05	3.39E+05	
Tunisia		2.41E+07	1.44E+07										1.08E+07	1.43E+07			5.70E+06	3.11E+07		9.22E+05	1.49E+06	1.01E+08	5.06E+05	1.06E+07	5.81E+06	9.78E+04	4.12E+07	9.58E+06
Turkey		3.19E+09	2.81E+05			2.91E+05	2.59E+08		6.71E+07				5.09E+09	2.01E+06	5.44E+06		2.15E+08	2.30E+07	2.72E+04	7.16E+07	4.62E+07	1.40E+09	2.88E+07	9.72E+07	3.27E+08	2.19E+08	4.40E+08	1.42E+08
Turkmenistan													4.87E+09				4.06E+07					9.89E+07			1.50E+07			
Tuvalu																												
Uganda		2.86E+07					6.62E+08						1.52E+09									1.15E+07						
Ukraine		9.58E+09	6.98E+07					2.11E+06						9.26E+07	9.01E+06	3.11E+07	3.36E+08			1.50E+06		4.61E+08	4.72E+06	1.36E+08	2.60E+08	2.74E+07	5.83E+07	
United Arab Emirates																	1.66E+07			1.91E+05	4.31E+06	6.08E+07	1.59E+06	6.57E+06	3.01E+06	2.93E+06	1.02E+06	5.27E+06
United Kingdom			1.25E+09										2.56E+08				2.82E+07		3.26E+06	1.38E+07		9.26E+05	3.38E+07		5.04E+05		1.31E+05	7.50E+06
United States of America		4.65E+09	5.59E+08			3.40E+08		3.95E+07				2.46E+10	6.38E+08			4.44E+08	2.54E+07	1.84E+08	3.74E+08	2.84E+07	7.73E+08	7.59E+07	1.04E+08	2.52E+08	7.00E+06	1.15E+08		
Uruguay		4.38E+08											5.79E+06			2.13E+06						8.44E+06		8.75E+06			3.93E+06	
Uzbekistan		2.04E+07	2.65E+06			8.81E+07	1.46E+08						1.23E+10	2.10E+07		2.36E+06	1.34E+08	1.15E+06		5.23E+05		2.22E+08			1.77E+08	7.83E+05	3.34E+06	
Vanuatu																												
Venezuela, Boliv Rep of		2.18E+07					1.48E+08						1.85E+08				1.09E+07			3.63E+06		5.69E+07	1.06E+06		3.94E+06	1.31E+06	2.47E+07	
Viet Nam							9.21E+07						1.08E+08				1.95E+07						3.30E+06					
Wallis and Futuna Is																												
Western Sahara																												
Yemen							1.51E+08						2.10E+08				6.48E+05			5.87E+05		9.43E+07		2.70E+06	4.05E+06	2.07E+06	8.84E+06	
Zambia		7.86E+07											5.45E+08									1.11E+07						
Zimbabwe		2.18E+08											2.77E+09									8.60E+06						
Total water consumed per crop (m ³ /yr)		7.62.E+10	6.10.E+10		4.94.E+06	4.07.E+09	2.46.E+10	7.83.E+08	1.02.E+08	2.37.E+09		2.51.E+09	1.99.E+11	1.06.E+10	1.03.E+08	3.35.E+09	1.15.E+10	1.09.E+09	6.07.E+09	2.27.E+09	1.18.E+09	1.86.E+10	2.24.E+09	3.67.E+09	7.51.E+09	5.12.E+09	6.29.E+09	8.41.E+08
Total production (ton/yr)		2.48.E+07	3.79.E+07	5.18.E+05	4.00.E+02	7.31.E+05	2.77.E+06	4.97.E+05	5.84.E+04	5.63.E+05	8.09.E+05	3.83.E+05	5.46.E+07	2.39.E+06	3.36.E+04	1.63.E+06	5.46.E+07	1.27.E+06	4.12.E+06	1.71.E+07	8.16.E+06	1.01.E+08	1.41.E+07	1.57.E+07	3.10.E+07	2.46.E+07	1.95.E+07	3.92.E+06
Average VWC (m3/ton)		3069	1611		12344	5567	8888	1575	1741	4215		6568	3644	4420	3052	2049	211	855	1473	133	144	184	159	234	242	208	323	214

Country	Crop codes (see Appendix III)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526	530	531
Afghanistan															4.10E+08			1.38E+07				7.06E+06	2.84E+07	3.87E+06		5.85E+07		
Albania					1.25E+06		1.26E+05								1.44E+08			2.73E+06					1.71E+07	3.35E+06		2.84E+06	2.27E+07	8.57E+06
Algeria		2.16E+08	6.23E+07		2.04E+07	7.73E+07	1.15E+08		1.04E+08					2.14E+07	9.65E+07			3.41E+08	1.46E+08	3.15E+07	1.75E+06		2.14E+08	1.72E+08		2.07E+08		3.67E+07
American Samoa											1.26E+04				2.53E+05	3.99E+06												
Angola															1.40E+08	4.93E+08						1.29E+08						
Antigua and Barbuda		1.04E+05			4.20E+04				2.38E+05						1.66E+05	1.81E+05				6.09E+05								
Argentina		1.99E+08	1.13E+08		1.68E+06	5.40E+07		2.06E+07	4.42E+07						3.11E+08	1.04E+08		3.89E+08	2.35E+08	2.77E+08	8.32E+07		4.26E+08	2.08E+08		2.26E+07		1.19E+07
Armenia		1.34E+07	6.02E+06			6.35E+05			2.25E+06						2.41E+07								7.46E+07	3.41E+07		2.74E+07		1.10E+07
Australia		4.97E+07			2.22E+07	3.45E+07			4.23E+07		3.04E+07				1.58E+07	1.89E+08		2.73E+08	4.75E+07	1.45E+07	7.75E+06	1.75E+06	2.41E+08	8.91E+07		3.54E+07		1.72E+07
Austria		9.75E+06			1.15E+06	2.86E+06			4.34E+06						1.01E+07								6.22E+07	1.54E+07		1.04E+07	3.80E+06	1.58E+07
Azerbaijan, Republic of		5.19E+07	1.05E+07			2.49E+06			8.20E+05						2.93E+07			3.54E+07	9.19E+06			2.01E+06	4.45E+08	3.28E+07		1.29E+07		7.05E+06
Bahamas		4.87E+05													7.05E+06	1.91E+06				2.59E+06	5.98E+06							
Bahrain		4.69E+05							6.71E+04						2.26E+06	2.23E+06				1.58E+06								
Bangladesh		2.00E+08	7.39E+07		1.68E+07										4.03E+08	4.85E+08		2.12E+07	2.95E+06	3.35E+07	3.41E+07							
Barbados		3.04E+05						4.68E+05	6.08E+05	2.68E+05	8.13E+05				1.40E+06	1.54E+06												
Belarus		3.63E+07							1.60E+07						6.32E+07								3.37E+08	2.07E+07			3.70E+07	2.06E+07
Belgium-Luxembourg		1.06E+07		8.38E+06	2.32E+07	3.40E+07			1.89E+07						4.01E+07								9.81E+07	4.42E+07				1.02E+07
Belize									3.88E+04	2.74E+04					1.53E+06	2.49E+07	7.92E+06	2.04E+08			3.15E+07							
Benin		1.12E+07								6.44E+07					8.15E+07	4.38E+07		2.67E+07										
Bermuda		2.72E+04			1.25E+04				7.90E+04						5.98E+05	2.77E+05												
Bhutan															2.21E+06			4.47E+07					1.66E+07					
Bolivia		4.82E+07	1.16E+07			4.92E+07	1.34E+08		1.51E+07		8.95E+07				2.26E+07	6.90E+08	2.27E+08	1.22E+08	4.62E+07	5.83E+07	1.90E+07		1.57E+07	8.10E+06				3.40E+06
Bosnia and Herzegovina		3.32E+07	4.08E+06		1.28E+06				9.12E+06						4.35E+08								4.60E+07	1.24E+07			5.67E+06	2.00E+07
Botswana		5.11E+05													1.93E+07			1.25E+06										
Brazil		4.32E+08	8.01E+07												8.03E+08	6.66E+09		7.18E+09	4.49E+08	3.60E+08	2.55E+07		2.66E+08	1.85E+07				
British Virgin Islands																5.54E+05												
Brunei Darussalam															3.37E+07	1.80E+06		3.94E+05		7.69E+04								
Bulgaria		6.28E+07	3.56E+07		1.80E+07	6.92E+06	1.97E+06		3.03E+06						7.22E+07								9.76E+07	5.09E+06		3.73E+07	2.24E+07	5.37E+07
Burkina Faso					2.16E+06					1.22E+07					1.48E+08			1.60E+06	4.38E+05	4.38E+05	1.46E+05							
Burundi															7.91E+07	3.77E+09												
Cambodia															3.05E+08	4.40E+08		8.31E+07		2.45E+06	2.67E+06							
Cameroon		4.76E+07			1.30E+06					6.01E+07					2.66E+08	9.82E+08	2.72E+09									8.95E+05		
Canada		1.28E+07		1.40E+06	1.61E+07	3.62E+07			4.68E+06		1.10E+08				1.31E+07								8.92E+07	4.99E+06		6.12E+05	3.08E+06	3.02E+06
Cape Verde		4.49E+05	8.76E+04		5.08E+05				1.04E+05						2.08E+05	3.61E+06												
Cayman Islands															8.50E+03	2.14E+06												
Central African Republic															3.41E+07	2.81E+08	4.30E+08	5.13E+07		3.75E+06	5.65E+06							
Chad		7.10E+06													4.82E+07													
Chile		1.82E+07	1.77E+07		4.27E+06	4.80E+06	5.59E+06		6.23E+06		1.94E+07				8.47E+06			4.09E+07		4.17E+07			2.41E+08	7.07E+07		1.43E+07		3.25E+07
China		3.02E+09	2.44E+09	1.67E+07	3.34E+08	5.21E+08	4.25E+07	5.75E+06	6.67E+08						2.38E+10	1.85E+09		1.42E+09	4.57E+09	1.76E+08	1.90E+08	3.08E+08	1.57E+10	6.79E+09		9.03E+07		1.37E+07
Cocos (Keeling) Islands																												
Colombia		1.40E+08							2.46E+07						1.50E+07	5.87E+08	4.94E+09	2.08E+08										
Comoros															3.71E+06	1.49E+08												
Congo, Dem Republic of		6.37E+07							3.75E+05						2.01E+08	1.14E+09	3.54E+09	1.01E+08		3.88E+06	4.82E+06							
Congo, Republic of					1.51E+06				1.73E+05						1.65E+07	1.02E+08	1.09E+08	4.84E+06	3.73E+06	2.44E+06	1.73E+06							
Cook Islands															4.52E+05	8.77E+05		1.51E+05		1.51E+04								
Costa Rica		6.65E+06													1.15E+07	7.35E+08	1.34E+08	2.36E+08		2.97E+06	1.96E+07							
Côte d'Ivoire											2.42E+08				5.20E+07	2.24E+08	5.50E+09	2.19E+07				2.20E+07						
Croatia		4.02E+07	4.97E+06		7.93E+06	1.09E+07			1.47E+07						1.47E+07			5.85E+06	1.24E+07				4.30E+07	1.19E+07		2.29E+06	1.40E+07	1.28E+07
Cuba		3.25E+07	1.61E+07												1.25E+08	3.88E+08	1.13E+09	3.97E+08	1.81E+07	3.04E+07	1.92E+08	4.67E+06						
Cyprus		8.28E+05	7.87E+04	8.00E+03	5.10E+05	2.45E+05	4.29E+05		3.69E+05	9.78E+04				2.94E+07	1.79E+06	4.40E+06		1.73E+07	1.36E+07	9.31E+06	9.77E+06	4.40E+05	1.26E+07	1.63E+06		2.48E+06		2.91E+06
Czech Republic		2.62E+07	1.82E+06		5.62E+05	6.04E+06			1.24E+07						2.60E+07								1.55E+08	2.68E+07		1.37E+07	1.44E+07	2.34E+07

Country	Crop codes (see Appendix III)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526	530	531	
Liberia											1.92E+07				4.94E+07	1.25E+08	2.32E+08	1.60E+07											
Libyan Arab Jamahiriya		7.75E+07	4.38E+06			8.90E+06	5.94E+06		6.39E+07						1.99E+07			5.62E+07	1.28E+07	1.75E+07			3.52E+07	2.58E+06		5.15E+07			
Liechtenstein																													
Lithuania		1.18E+07	3.42E+05			8.95E+05			5.72E+06						2.56E+07								1.68E+08	1.02E+07					
Macedonia, The Fmr Yug Rp		2.32E+07	6.82E+06		6.03E+07	3.87E+06			8.55E+05						3.15E+06								5.14E+07	9.39E+06		2.84E+06	8.45E+06	5.26E+06	
Madagascar		5.14E+06	1.08E+06		1.70E+06	2.13E+06			6.02E+06						1.71E+08	6.59E+08		1.09E+08		1.09E+07	9.25E+06		4.26E+07	9.17E+06		1.23E+06			
Malawi		1.78E+07													9.68E+07	2.75E+08	7.15E+08					2.98E+06							
Malaysia															6.39E+07	3.37E+08		1.42E+07		5.61E+06	1.05E+07	3.84E+06							
Maldives		1.26E+05													9.07E+06	2.57E+06													
Mali		2.04E+07													3.27E+08														
Malta		1.95E+06	7.54E+05				1.46E+06								1.35E+06							6.80E+05	2.00E+05						
Marshall Islands																													
Martinique				3.16E+05					4.50E+05						1.99E+06	1.79E+08	1.19E+07	1.40E+06		5.88E+05	2.41E+05	2.50E+05							
Mauritania															4.32E+06														
Mauritius		2.09E+06	6.35E+04	8.87E+04	8.84E+05	1.19E+04			1.85E+06						5.07E+06	5.64E+06						6.48E+05							
Mexico		5.57E+07	5.25E+07	9.85E+05	1.52E+07	2.60E+07	5.53E+07	1.94E+07	5.25E+07	1.38E+07	9.97E+07		8.46E+05		9.89E+07	1.06E+09		2.88E+09	2.17E+08	1.04E+09	1.05E+08	1.54E+07	6.87E+08	5.54E+07		4.39E+06	9.45E+05		
Micronesia, Fed States of															1.03E+06	5.12E+06	6.65E+06												
Moldova, Republic of		5.08E+07			3.47E+06	7.93E+06			5.74E+06						4.13E+07								5.73E+08	1.28E+07		1.61E+07	2.70E+07	1.80E+07	
Mongolia															2.33E+07														
Montserrat		1.14E+05							7.72E+04						8.52E+04	5.28E+05													
Morocco		1.43E+08	1.03E+07		7.09E+06	4.76E+07	3.59E+07	1.99E+07	6.97E+07				1.37E+08		5.35E+07	5.34E+07		4.64E+08	2.12E+08	9.10E+06	1.01E+06	8.41E+06	3.19E+08	4.42E+07		1.52E+08	1.49E+07		
Mozambique		1.10E+07													1.23E+08	2.13E+08		3.35E+07	8.66E+05	8.61E+06	2.00E+07								
Myanmar		3.11E+08	1.02E+08												7.56E+08		5.85E+08												
Namibia															1.31E+07														
Nauru															2.42E+05														
Nepal			5.53E+06												2.45E+08			3.85E+07					2.68E+07						
Netherlands		5.50E+07	3.71E+05	6.83E+06	1.10E+07	1.38E+07	2.72E+06		2.77E+07						4.27E+07								6.63E+07	2.88E+07				1.45E+06	
New Caledonia															8.96E+06	6.30E+06	9.08E+05												
New Zealand			9.06E+05	2.54E+05	1.21E+06	2.43E+07	3.67E+05		2.47E+06		8.73E+06				1.59E+07			3.15E+06	2.24E+06	1.29E+06	3.95E+05	3.42E+06	7.75E+07	5.81E+06		3.75E+06	2.07E+06		
Nicaragua		2.12E+07													3.58E+06	2.95E+07	6.30E+07	1.47E+08											
Niger		1.25E+08	2.71E+07						1.21E+07						4.39E+07														
Nigeria		4.20E+08							1.66E+08	1.03E+09	6.94E+08				3.92E+09		5.08E+09					8.05E+09							
Niue															6.36E+04	4.15E+05				1.42E+05									
Norway			4.65E+05	1.87E+05	1.60E+06				1.11E+06						2.26E+06								7.00E+06	8.63E+05				9.41E+05	
Oman		8.61E+06													3.32E+07	5.22E+07				2.25E+07									
Pakistan		5.52E+08	4.87E+07		2.98E+06	1.84E+07			2.84E+07	2.24E+07					2.11E+08	4.98E+08		1.45E+09	5.42E+08	8.34E+07			6.59E+08	3.82E+07		1.58E+08	1.16E+07		
Panama		2.17E+06							1.36E+06						7.86E+06	2.22E+08	1.34E+08	2.60E+07											
Papua New Guinea					1.04E+05						9.53E+07				6.04E+07	6.66E+08													
Paraguay		4.53E+07	4.31E+06						8.80E+06						1.61E+07	5.58E+07		1.06E+08	3.64E+07	2.08E+07	1.28E+07		8.29E+05	3.31E+05					
Peru		9.28E+07	4.03E+07	3.78E+06	1.44E+07	7.15E+07	5.29E+07	6.89E+06	2.75E+07		1.51E+08				1.01E+07		1.47E+09	1.60E+08	4.94E+07	1.65E+08	2.74E+06	1.32E+07	1.02E+08	6.77E+06		3.58E+05	5.04E+05		
Philippines		6.91E+07	3.46E+07		5.08E+06	2.42E+07									1.59E+09	4.56E+09		3.43E+07	9.46E+07	8.51E+07	3.25E+07								
Poland		1.41E+08			2.87E+05	1.02E+06	5.48E+05		4.31E+07						2.43E+08								8.22E+08	9.18E+07			1.95E+08	6.05E+07	
Portugal		1.39E+07	7.38E+05		4.15E+06	2.17E+06	7.11E+06		2.31E+07				7.98E+07		4.09E+07	1.23E+07		1.31E+08	2.57E+07	6.87E+06	4.92E+06		1.84E+08	1.03E+08		4.81E+06	3.20E+06	3.60E+07	
Puerto Rico																6.09E+07	1.34E+08	8.78E+06		3.61E+06	2.39E+06								
Qatar		1.30E+06							5.85E+05	6.88E+05	1.07E+06				3.28E+06							2.75E+06							
Réunion		1.37E+06	2.13E+06		3.02E+06	7.93E+05			9.57E+05						7.00E+06	1.91E+07		7.74E+05	1.62E+06	1.37E+06			1.65E+05						
Romania		1.70E+08	6.33E+07		1.07E+07	1.83E+07									9.66E+07								4.65E+08	3.81E+07		2.78E+07		6.87E+07	
Russian Federation		3.37E+08	8.41E+07			1.94E+07			4.23E+07						6.59E+08								1.68E+09	6.76E+07		6.57E+07	2.27E+08	9.97E+07	
Rwanda															2.47E+07		4.42E+09												
Saint Helena																													
Saint Kitts and Nevis															1.24E+05														
Saint Lucia															6.07E+05	1.44E+08	5.41E+06	1.34E+06		4.51E+05	2.26E+06								
Saint Pierre & Miquelon																													
Saint Vincent/Grenadines									1.12E+05						1.36E+06	7.05E+07	2.31E+06	2.07E+06		1.19E+06	5.55E+05		2.02E+06	7.29E+05					
Samoa											1.62E+05				3.88E+06	5.13E+07						1.06E+06							

Country	Crop codes (see Appendix III)	403	406	407	414	417	420	423	426	430	446	449	459	461	463	486	489	490	495	497	507	512	515	521	523	526	530	531
Sao Tome and Principe															3.62E+06	5.19E+07												
Saudi Arabia	6.05E+07								4.11E+07	2.64E+07					1.21E+08							2.45E+08						
Senegal	8.00E+07				4.31E+06										2.46E+07	1.08E+07		6.69E+07										
Serbia and Montenegro	1.12E+08	5.30E+07			3.41E+06	3.65E+07			1.61E+07									2.46E+06					1.85E+08	8.72E+07		1.49E+07	1.43E+08	4.39E+07
Seychelles															1.06E+06	6.29E+06												
Sierra Leone															1.22E+08		7.14E+07					1.13E+08						
Singapore															1.12E+06													
Slovakia	1.60E+07	4.18E+06			1.78E+06	4.88E+06			5.95E+06						4.42E+05								1.56E+07	3.59E+05		2.09E+06	3.47E+06	7.27E+05
Slovenia	2.30E+06	8.91E+05	1.42E+05	6.92E+05	1.68E+05				4.80E+05														2.01E+07	2.58E+06		1.92E+05	5.10E+05	5.89E+05
Solomon Islands															1.32E+06	1.22E+06												
Somalia															5.21E+07	7.76E+07		1.94E+07		8.80E+06	3.11E+07							
South Africa	1.70E+08				2.33E+07	1.69E+07			2.33E+07		1.86E+08				1.19E+08	2.74E+08		4.57E+08	4.06E+07	4.76E+07	9.53E+07		2.86E+08	1.64E+08		6.80E+07		2.53E+06
Spain	8.20E+07	8.19E+07	2.92E+06	4.29E+07	2.09E+07	2.13E+07			4.23E+07				6.95E+08		3.79E+07	1.05E+08		9.72E+08	7.49E+08	3.11E+08	6.18E+06	3.53E+06	4.52E+08	3.73E+08		2.14E+08		2.66E+08
Sri Lanka	7.17E+07		2.93E+06	1.48E+07					1.12E+07						2.78E+07		8.32E+08	3.44E+07			6.82E+07							
Sudan	9.82E+07	1.15E+07													4.33E+08	5.27E+07		3.42E+07	4.60E+06	7.32E+07	6.52E+07							
Suriname				8.96E+04											3.80E+06	2.99E+07	1.15E+07	1.13E+07			1.19E+06	3.48E+06						
Swaziland															4.67E+06	1.71E+06		5.52E+07			3.26E+07							
Sweden	3.26E+06				2.44E+07				2.27E+06						3.94E+06								7.99E+06	8.70E+05				9.90E+05
Switzerland					1.93E+06	1.90E+06			2.26E+06						8.99E+06								2.87E+07	4.85E+06		2.04E+06		2.08E+07
Syrian Arab Republic	2.74E+07	1.20E+07		1.19E+07	9.47E+06	1.91E+07				7.46E+06					2.12E+07	5.23E+05		1.62E+08	1.75E+07	4.31E+07		1.04E+08	4.62E+08	4.99E+07		1.78E+08		1.57E+08
Tajikistan	7.78E+07	5.77E+05		4.07E+05					5.98E+06						1.00E+07			7.11E+05		5.22E+06			3.37E+08			8.99E+07		
Tanzania, United Rep of	1.26E+08	2.26E+06									3.04E+07				5.98E+08	8.42E+08	3.37E+09					6.11E+07						
Thailand	1.56E+08	1.73E+08		4.47E+07	8.94E+06	9.48E+05					1.11E+08				5.88E+08	1.98E+09		1.61E+08	3.21E+08	2.24E+08	9.84E+07	1.16E+07						
Timor-Leste		2.72E+06		6.37E+05											1.04E+06	9.87E+05		3.68E+05										
Togo															1.44E+08			2.79E+07										
Tokelau																7.13E+04												
Tonga															1.91E+07	6.85E+06	3.02E+06	9.24E+05		6.56E+06								
Trinidad and Tobago															1.63E+06	1.66E+07	1.58E+07	7.84E+06		3.66E+06	3.45E+06	3.86E+06						
Tunisia	3.81E+07	8.73E+06		9.56E+05	9.88E+06	2.77E+07			4.16E+07				5.59E+06		1.34E+07			7.70E+07	4.19E+07	1.05E+07	2.37E+07	4.98E+07	2.87E+08	1.41E+08		1.02E+08		
Turkey	7.31E+08	9.43E+07	8.74E+07	2.33E+08	4.30E+07	3.21E+07	2.55E+07	3.50E+07	4.66E+07				3.30E+07		9.33E+07	1.84E+07		2.79E+08	1.96E+08	1.26E+08	2.16E+07	1.93E+06	1.04E+09	3.50E+08		5.68E+08	1.28E+08	2.28E+08
Turkmenistan	6.05E+07	1.78E+06							6.55E+06						1.53E+07								1.33E+08			3.42E+07		
Tuvalu															2.18E+05													
Uganda	3.06E+08														3.22E+08	2.41E+09	2.88E+10											
Ukraine	2.79E+08	9.73E+07		2.84E+05	1.65E+07				5.21E+07				6.57E+05		1.01E+08								1.62E+09	1.37E+08		7.28E+07		1.03E+08
United Arab Emirates				2.69E+05					5.56E+05						1.47E+07	3.87E+05				1.17E+07		5.50E+06						
United Kingdom	3.06E+07		7.65E+06	4.38E+06	8.68E+07	4.98E+06			1.48E+07						8.89E+07								5.33E+07	1.02E+07				2.06E+06
United States of America	3.43E+08	7.04E+07		6.36E+07	3.61E+08		3.70E+08	1.08E+08	6.78E+06	1.39E+09					8.21E+07	4.61E+06		1.66E+09	1.01E+08	1.31E+08	3.29E+08	5.08E+05	1.19E+09	1.75E+08		5.19E+07	1.06E+08	1.60E+08
Uruguay	2.55E+07	4.90E+06		1.07E+06					9.34E+06	9.90E+06					1.23E+07			1.00E+08	4.43E+07	5.78E+07	5.31E+06		3.34E+07	1.33E+07				
Uzbekistan	4.50E+07	2.35E+07	8.15E+05	1.49E+06	2.39E+06	1.26E+06			3.86E+06						3.54E+08				6.23E+05	1.02E+06	8.28E+05	8.28E+05	9.49E+08	7.50E+07		1.05E+08	1.06E+07	4.66E+07
Vanuatu															2.72E+06	1.36E+07												
Venezuela, Boliv Rep of	6.70E+07	1.26E+07						1.98E+06	3.38E+07						3.43E+07	7.13E+08	1.00E+09	2.97E+08	9.48E+07	3.89E+07	8.40E+06							
Viet Nam	3.66E+08														1.27E+09	1.12E+09		4.91E+08				9.35E+06						
Wallis and Futuna Is											4.08E+04				9.03E+05	1.01E+07												
Western Sahara																												
Yemen	4.18E+07	6.88E+06	2.41E+06	4.45E+06					3.72E+06	1.03E+07					2.33E+07	1.95E+08		1.55E+08	2.59E+07	1.22E+07		3.38E+05	5.48E+06	1.41E+06		4.82E+07		
Zambia	1.35E+07														1.59E+08	3.79E+06		9.51E+06										
Zimbabwe	1.43E+06														1.02E+08	3.06E+08		1.50E+08	1.37E+07	1.65E+07	8.27E+06	6.25E+05	8.57E+06	1.76E+06		1.96E+05		
Total water consumed per crop (m ³ /yr)	1.59.E+10	5.22.E+09	2.95.E+08	1.90.E+09	2.73.E+09	7.72.E+08	6.47.E+08	2.59.E+09	2.02.E+09	4.32.E+09				1.30.E+09	5.45.E+10	5.48.E+10	7.57.E+10	2.94.E+10	1.02.E+10	5.86.E+09	1.84.E+09	9.84.E+09	4.04.E+10	1.14.E+10		3.54.E+09	1.25.E+09	2.73.E+09
Total production (ton/yr)	4.59.E+07	1.01.E+07	1.48.E+06	5.29.E+06	7.95.E+06	9.83.E+05	1.60.E+06	1.97.E+07	4.85.E+06	8.49.E+06	2.47.E+06	8.04.E+05	2.26.E+05	2.00.E+08	6.39.E+07	3.05.E+07	6.44.E+07	1.76.E+07	1.05.E+07	5.18.E+06	5.25.E+06	5.79.E+07	1.57.E+07	3.58.E+05	2.54.E+06	9.34.E+05	1.77.E+06	
Average VWC (m3/ton)	346	518	200	359	343	785	403	131	418	509				5746	273	859	2478	457	578	559	356	1875	697	727		1391	1343	1543

Country	Crop codes (see Appendix III)	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638
Afghanistan		2.32E+07	5.44E+07	3.41E+07							2.70E+07	3.93E+08	4.60E+07	1.12E+07	4.59E+07										1.31E+08			
Albania		2.05E+06	1.68E+07									2.47E+07			5.37E+07											9.33E+07		
Algeria		1.60E+08	9.65E+07	6.33E+07								5.51E+08	2.01E+08		4.52E+08				1.75E+09						9.70E+07	3.29E+07		
American Samoa																									7.82E+05			
Angola																		1.55E+07							7.67E+07			
Antigua and Barbuda													2.11E+05		3.52E+06		8.58E+04							1.45E+07				
Argentina		2.23E+08	1.18E+08		4.27E+06							8.62E+08	4.15E+07	1.28E+07	2.08E+06	2.61E+06	4.44E+06	7.46E+05					1.28E+06			1.67E+09	1.27E+09	
Armenia		2.48E+07	1.72E+07	1.32E+07								8.77E+07	1.58E+07													1.51E+06		
Australia		1.51E+08	4.57E+07		4.56E+06	1.57E+06		6.14E+05			7.95E+05	5.72E+08	2.32E+07	1.61E+07	2.94E+05	1.02E+08	6.13E+07	1.51E+07				4.95E+06	3.56E+06	8.95E+06				
Austria		6.13E+06	2.45E+07		4.09E+06		8.36E+05	6.45E+06			1.78E+06	1.52E+08														2.52E+08		
Azerbaijan, Republic of		3.84E+07	2.45E+07			1.89E+06		3.47E+05		9.56E+05	1.29E+06	1.40E+08	9.83E+07												7.52E+07	9.17E+06		
Bahamas																								6.09E+06				
Bahrain												7.31E+05	8.96E+04	8.09E+05					1.91E+07						8.89E+06			
Bangladesh											5.54E+06			2.72E+07		5.44E+08		5.63E+07					4.88E+07	2.87E+08	2.40E+08			
Barbados														1.06E+05			1.03E+06							2.82E+06	6.86E+05			
Belarus			5.33E+07		1.36E+06					3.76E+06																	9.82E+08	
Belgium-Luxembourg			7.22E+06		6.24E+06	5.77E+05		1.78E+06			1.59E+05	7.90E+06														1.13E+09		
Belize													3.86E+05	4.23E+04		5.79E+06		6.86E+05					1.66E+06		6.42E+06			
Benin																3.67E+07		8.28E+06	5.28E+06						3.09E+08			
Bermuda																												
Bhutan																									1.99E+06			
Bolivia		6.79E+07	7.66E+06		2.79E+06							2.42E+07	1.00E+07		4.92E+06	1.04E+07	8.63E+06	2.25E+07					2.11E+07		1.90E+07			
Bosnia and Herzegovina		4.70E+06	1.06E+08		4.79E+06	2.22E+06						1.51E+07	8.48E+06												1.04E+06	1.46E+07		
Botswana																									2.35E+07			
Brazil		2.02E+08			1.88E+06							3.19E+08	3.10E+08	3.23E+07	1.95E+07	7.54E+08	1.12E+08	2.31E+08			5.62E+09		3.35E+08	5.46E+08				
British Virgin Islands																									1.87E+05			
Brunei Darussalam																		3.68E+05							6.01E+06			
Bulgaria		5.57E+07	9.35E+07		7.63E+06	5.78E+06		2.16E+05			4.91E+05	5.58E+08	9.37E+07												8.57E+07	2.51E+08		
Burkina Faso																2.17E+07								2.54E+07	1.93E+08			
Burundi																									1.63E+08			
Cambodia																4.23E+07		7.04E+06							8.93E+07			
Cameroon		8.66E+05	7.58E+05	7.87E+06									4.78E+06	1.34E+07	1.45E+05	1.09E+06	1.12E+08	1.12E+07	1.11E+06						1.83E+08			
Canada		9.37E+06	2.09E+06		9.21E+06	7.39E+06		2.46E+07	2.13E+06		1.85E+07	2.08E+05	1.53E+05									2.89E+04				5.08E+08		
Cape Verde													3.20E+04			1.62E+06									1.22E+07			
Cayman Islands																												
Central African Republic																2.71E+07	7.08E+06	1.27E+07										
Chad																1.24E+08			1.36E+08						2.23E+08			
Chile		1.16E+08	8.36E+07		3.82E+06							2.68E+08	3.64E+06	3.51E+06			1.22E+08					5.26E+07	2.29E+06		1.29E+07	2.42E+07		
China		7.66E+09	7.66E+09	5.47E+07	2.93E+06						5.99E+06	9.45E+08	4.44E+09	7.82E+08	5.18E+06	1.88E+09	4.13E+07	1.23E+08	4.12E+07				2.98E+07	2.18E+09	2.39E+09			
Cocos (Keeling) Islands																												
Colombia					3.63E+06							6.34E+06	1.91E+07	2.67E+06		1.21E+08	1.05E+08	3.19E+07					3.20E+07	7.60E+08	1.28E+08			
Comoros																									7.71E+06			
Congo, Dem Republic of																1.50E+08	5.67E+07	3.47E+07					1.20E+08		8.66E+07			
Congo, Republic of																2.52E+07	5.47E+06	3.43E+06							3.83E+07			
Cook Islands												2.13E+04				1.14E+06	2.11E+05	2.07E+04					4.22E+05		1.35E+06			
Costa Rica					5.60E+05						2.04E+05		1.60E+07	2.30E+07		1.12E+08	4.74E+07	5.95E+07					8.43E+06		2.68E+08			
Côte d'Ivoire																4.79E+07	4.67E+06	2.46E+07						7.17E+06	1.21E+07			
Croatia		8.36E+06	1.32E+08		3.29E+06	1.24E+06						2.38E+08	9.14E+06		9.04E+06											6.13E+07		
Cuba												3.72E+07	1.85E+07			4.63E+08	7.70E+06	1.07E+07					4.22E+07	7.59E+07	1.15E+08			
Cyprus		4.83E+06	2.19E+06		6.67E+05							1.43E+08	3.21E+06	1.00E+06	2.79E+06		1.14E+06					5.34E+05		9.34E+05	2.53E+06	5.09E+05		
Czech Republic		1.05E+07	5.15E+07		7.89E+06	9.71E+05	4.62E+06	9.94E+06			1.56E+06	4.28E+07													1.99E+07	8.59E+08		

Country	Crop codes (see Appendix III)	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638	
Denmark			4.29E+05		2.31E+06	5.64E+04		2.90E+06																		1.89E+08		3.78E+08	
Djibouti																													
Dominica																2.05E+07	1.20E+06								1.42E+06				
Dominican Republic														1.47E+07		3.40E+08	8.11E+07	2.57E+07					2.07E+07		9.77E+07				
Ecuador		2.54E+07	2.24E+07		2.04E+05						4.09E+06	4.68E+05	6.89E+06	3.59E+06	9.05E+04	7.71E+07	2.41E+07	1.67E+07					1.70E+07	5.72E+06	3.82E+08				
Egypt		4.86E+08	2.69E+07	1.37E+06	2.09E+07						5.42E+05	5.36E+08	3.40E+08	1.53E+08	2.70E+08	5.22E+08			4.41E+08					1.38E+07	4.12E+08				
El Salvador													1.61E+07	7.11E+06		4.00E+07	4.79E+07	1.87E+06					3.38E+06		1.71E+07				
Equatorial Guinea																									6.18E+06				
Eritrea																													
Estonia			4.00E+06		2.52E+06	5.19E+05	1.01E+06	3.74E+06			6.15E+05	9.63E+05														9.19E+05			
Ethiopia												8.45E+06				1.50E+08	1.08E+08						1.16E+08		9.24E+07				
Faeroe Islands																													
Fiji Islands													7.39E+05	1.95E+04		3.08E+05		1.07E+06					3.44E+05	4.45E+04	9.60E+06				
Finland					1.08E+07	8.52E+05	7.91E+04	3.58E+06																					
France		1.47E+08	1.25E+08		1.64E+07	5.50E+06		6.01E+06				3.44E+09	7.68E+05	4.94E+07	2.14E+06		1.32E+05					2.58E+07				5.82E+09	3.98E+07	3.09E+09	
French Guiana																1.33E+06	6.73E+05	4.57E+05					6.03E+05	1.49E+06	3.69E+05				
French Polynesia													3.14E+05	6.10E+04			6.34E+04	8.29E+05						7.59E+05	3.02E+06				
Gabon																		3.74E+05								5.40E+07			
Gambia																2.79E+06										1.18E+07			
Georgia		1.49E+07	2.18E+07		2.49E+06							3.01E+08	2.36E+07												2.92E+07	6.09E+06			
Germany		3.84E+07	3.33E+08		2.74E+07	1.95E+07	3.68E+07	4.65E+07				3.64E+08														4.44E+09			
Ghana																	7.62E+06	1.47E+07	4.35E+07					2.01E+06	1.44E+08				
Greece		5.04E+08	7.29E+06	9.04E+06	2.94E+06						1.36E+06	8.53E+08	7.16E+07	2.91E+07	1.09E+08		2.78E+06					3.91E+07			4.33E+07	4.46E+07	3.31E+06		
Grenada			2.34E+06														2.96E+06	2.88E+06							5.31E+06				
Guadeloupe													2.78E+05	7.40E+05		1.86E+07	2.09E+05	1.55E+06						4.05E+06					
Guam																									1.92E+06				
Guatemala					2.43E+06							1.28E+07	2.67E+07	1.83E+07		9.62E+07	3.44E+07	1.94E+07					7.27E+06	1.62E+08					
Guinea																	6.84E+08	1.00E+08						1.04E+08					
Guinea-Bissau																	1.20E+07	4.80E+05					2.54E+06		3.41E+07				
Guyana																	1.06E+07	1.13E+06	2.36E+06						3.51E+06				
Haiti														5.60E+05		4.04E+08	7.12E+07	1.41E+06							1.27E+08				
Honduras												1.69E+05	4.67E+06	2.17E+07		1.17E+07	2.67E+06	2.09E+07					3.94E+05		8.36E+07				
Hungary		6.27E+07	8.71E+07		3.03E+06	2.18E+07	8.76E+06	8.27E+06				3.72E+08	2.28E+07	1.81E+06											1.96E+07	5.62E+08			
Iceland																													
India		1.83E+08	1.38E+08	1.85E+06							1.16E+06	2.48E+08	9.13E+07	7.41E+07	2.07E+07	1.61E+10		3.24E+08					6.02E+08	3.10E+09	6.85E+09				
Indonesia																1.95E+09	3.14E+08	1.99E+08						3.21E+08	2.43E+09	6.47E+08			
Iran, Islamic Rep of		2.91E+08	1.73E+08	4.16E+08	2.05E+07						9.35E+07	2.03E+09	5.86E+08	3.91E+08	3.85E+08	1.88E+07			2.60E+09			1.54E+07	2.49E+05		1.01E+09				
Iraq		6.45E+07	8.13E+07									6.27E+08	2.83E+08	1.53E+08	5.75E+07				2.85E+09						2.07E+08				
Ireland					7.83E+05	2.10E+05		1.99E+05			4.25E+04														3.20E+06				
Israel		4.99E+07	2.71E+07		3.06E+06							4.94E+07	7.83E+07	1.51E+07	6.40E+05	2.27E+07	6.97E+07		1.74E+07			2.00E+06	5.90E+04		1.58E+07				
Italy		7.07E+08	9.29E+07	3.71E+06	3.14E+07	8.45E+05		1.57E+05	4.94E+05			4.14E+09	5.82E+07	7.90E+07	3.72E+07							1.42E+08			9.07E+07	1.37E+09	2.75E+07		
Jamaica													3.72E+06			8.68E+06	5.29E+06	4.29E+06					4.80E+06	7.78E+07					
Japan		6.89E+07	1.12E+08	1.35E+07	2.91E+07							7.68E+07	4.65E+07	3.59E+07				1.37E+06				2.16E+07				3.77E+08	7.07E+07		
Jordan		2.44E+07	7.88E+06		6.45E+05							3.92E+07	1.38E+07	8.01E+06	6.52E+06				4.05E+06					2.98E+06	1.50E+07				
Kazakhstan		7.36E+06	2.37E+07		9.14E+06							6.14E+07	1.82E+08												8.04E+06	7.26E+08			
Kenya											6.61E+05					2.32E+08		6.68E+07	4.96E+06					5.38E+07	9.96E+07				
Kiribati																								9.31E+05					
Korea, Dem People's Rep		9.86E+07											1.51E+07	2.58E+07												4.39E+08			
Korea, Republic of		9.71E+07	3.12E+07		3.00E+07							1.27E+08	1.04E+08	2.97E+07				1.26E+05				9.21E+06			1.02E+08				
Kuwait					2.29E+05							1.22E+05	1.74E+05	6.03E+05					2.57E+07						1.23E+06				
Kyrgyzstan		2.15E+07	2.49E+07						4.05E+05			4.02E+07	1.80E+07													1.07E+07	9.72E+07		
Laos				9.51E+06									1.40E+06	6.27E+06		3.20E+06		1.33E+07							5.64E+07				
Latvia			4.72E+06					1.74E+06		3.86E+06	1.50E+06															2.45E+06			
Lebanon		2.77E+07	2.41E+07		4.45E+06							1.17E+08	1.41E+07	3.52E+06	2.45E+07		2.99E+06								4.35E+07				
Lesotho																									2.71E+07				

Country	Crop codes (see Appendix III)	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638
Liberia																		5.22E+06						6.73E+06				
Libyan Arab Jamahiriya		2.06E+07	1.06E+08									9.44E+07	9.19E+07	1.01E+07	8.84E+07				4.70E+08						1.75E+07			
Liechtenstein																												
Lithuania			6.52E+06		2.43E+06				1.75E+06																1.78E+07	2.54E+07		
Macedonia, The Fmr Yug Rp		8.33E+06	2.05E+07		2.83E+06							1.29E+08	2.88E+07		1.16E+05											1.10E+07		
Madagascar		3.06E+07	4.28E+06									1.12E+07				2.30E+08	2.68E+07	4.00E+07			2.65E+08			3.95E+08	1.06E+07			
Malawi																8.27E+07								3.36E+06	3.37E+08			
Malaysia													2.84E+07			5.38E+07		3.03E+07					4.77E+07	3.42E+08	7.65E+07			
Maldives																									8.55E+06			
Mali																5.52E+07									3.89E+06			
Malta				1.25E+06							2.10E+05	2.91E+06		9.40E+06	1.10E+06										7.04E+06			
Marshall Islands																												
Martinique														5.95E+05		6.44E+05	9.63E+05	2.56E+06										
Mauritania													1.43E+07						1.71E+08						1.36E+07			
Mauritius																		3.89E+05							9.13E+05			
Mexico		4.39E+08	1.70E+08		4.56E+07	1.42E+06			8.30E+05		3.13E+06	2.69E+08	2.05E+08	8.81E+07	7.95E+06	2.08E+09	9.54E+08	5.87E+07	1.02E+07				2.02E+08	3.35E+08	5.52E+08	5.66E+08	4.58E+08	1.31E+08
Micronesia, Fed States of																									3.61E+05			
Moldova, Republic of		5.99E+07	1.70E+08		1.40E+06	1.07E+06	7.31E+05	1.60E+06			5.43E+05	6.64E+08	1.94E+07	9.02E+06											3.57E+06	2.62E+08		
Mongolia																									4.48E+05	1.76E+06		
Montserrat																3.00E+05									5.93E+05			
Morocco		4.78E+07	8.02E+07	3.31E+05	1.27E+07	1.30E+05			3.84E+04		6.68E+05	3.81E+08	5.13E+07	8.81E+07	3.94E+08	3.97E+04	1.32E+07		5.55E+08						6.67E+07			
Mozambique																6.22E+07		1.08E+07					4.25E+07	3.10E+07	2.66E+08			
Myanmar																									2.24E+09			
Namibia																									1.87E+07			
Nauru																								5.00E+05				
Nepal																									3.05E+08			
Netherlands			2.18E+06		6.00E+06	1.59E+05		1.32E+06	1.69E+06		5.02E+05	1.18E+05		1.36E+05												7.00E+08		
New Caledonia																									9.71E+06			
New Zealand		7.10E+06	1.75E+06	4.24E+05	4.03E+05	4.03E+05	3.34E+03	1.21E+06	3.27E+05		3.11E+05	2.13E+07	1.75E+05	3.85E+04			8.60E+06					6.08E+07		3.75E+06	4.44E+06	5.78E+06	1.19E+05	
Nicaragua																		1.72E+07							2.44E+07			
Niger																			5.82E+07						1.75E+08			
Nigeria															2.05E+09			7.18E+08					1.10E+09		2.91E+09			
Niue																								1.07E+06	4.23E+06			
Norway			1.15E+06		3.34E+06	5.01E+05	8.24E+04	5.64E+05																			5.14E+07	
Oman												5.58E+06				2.79E+07			6.08E+08					1.88E+06	2.92E+06			
Pakistan		6.59E+07	9.52E+07						3.93E+06		9.34E+07	9.58E+07	6.78E+07	1.44E+06	1.44E+09				1.12E+09					1.24E+07	9.41E+08	8.67E+08		
Panama												5.65E+06	1.39E+07			1.06E+07	6.62E+06	2.20E+06					1.61E+06	2.12E+07				
Papua New Guinea																		2.54E+06						2.11E+06	6.13E+08			
Paraguay		2.44E+06	3.22E+06		1.58E+06						7.21E+06	1.08E+08	2.84E+07		5.66E+07	2.15E+07	1.65E+07					1.04E+07	3.44E+07	8.47E+06				
Peru		4.22E+07	8.19E+06		6.85E+06						5.59E+07	1.28E+07	2.36E+06	4.34E+06		6.97E+07	3.70E+07	8.24E+05					1.09E+08	1.66E+08	4.47E+07			
Philippines											1.92E+06	2.08E+07	3.23E+06		1.38E+09	4.63E+07	1.78E+08					5.29E+07	3.90E+09	2.00E+08				
Poland			1.59E+08	1.56E+07	1.58E+08	3.94E+07	1.55E+07	7.26E+07	7.40E+06		2.91E+05													4.76E+06	5.09E+08			
Portugal		7.60E+07	1.75E+07	1.12E+07	7.94E+06						1.37E+09	1.00E+06	9.54E+06	5.25E+08		7.30E+07	5.22E+05			8.96E+06				1.36E+07	6.79E+08	6.15E+07		
Puerto Rico													2.05E+04			1.21E+07	7.08E+06	2.84E+06					1.64E+06		7.62E+06			
Qatar											4.86E+05	1.06E+06	2.91E+06	8.61E+05				3.56E+07							4.51E+06			
Réunion		5.35E+05		5.35E+05	1.42E+05						1.88E+04	8.72E+04	5.72E+05	3.96E+05		3.59E+06	2.31E+05	4.99E+06				2.69E+05	7.54E+06	1.46E+07				
Romania		2.66E+07	5.88E+08		5.50E+06	7.54E+05		4.37E+05	1.21E+06		1.38E+06	9.86E+08		1.35E+08										2.77E+07	2.68E+08			
Russian Federation		3.41E+07	2.04E+08		2.28E+07	3.34E+07	1.24E+07	4.47E+07				1.95E+08	3.60E+08												3.71E+08	1.21E+10		
Rwanda																									8.32E+07			
Saint Helena																												
Saint Kitts and Nevis																								2.79E+06				
Saint Lucia																5.23E+07	5.78E+05							5.74E+06	2.91E+06			
Saint Pierre & Miquelon																												
Saint Vincent & Grenadines																3.39E+06												
Samoa																1.35E+06	3.05E+05	6.24E+05					2.12E+06	3.68E+07				

Country	Crop codes (see Appendix III)	534	536	541	544	547	549	550	552	554	558	560	567	568	569	571	572	574	577	587	591	592	600	603	619	636	637	638
Sao Tome and Principe																									2.48E+06			
Saudi Arabia												1.36E+08	1.62E+08	6.30E+07					2.97E+09						4.36E+08			
Senegal													1.83E+08			3.04E+08								2.70E+07	6.53E+07			
Serbia and Montenegro		5.60E+07	8.45E+08		2.71E+07	5.66E+07						3.00E+08	6.98E+07		5.25E+06											1.05E+08		
Seychelles																		1.32E+05						4.64E+05				
Sierra Leone																4.95E+07									1.06E+08			
Singapore																									2.73E+04			
Slovakia		4.87E+06	2.13E+06		3.72E+06	3.31E+05	5.34E+04	1.21E+06				6.48E+07	5.16E+06												4.69E+07	3.86E+08		
Slovenia		4.63E+06			2.34E+05	1.46E+05						5.86E+07			3.93E+05											1.04E+08		
Solomon Islands													1.41E+05	1.13E+05												1.20E+07		
Somalia													1.71E+07			2.77E+06			4.83E+07							2.19E+08		
South Africa		2.72E+08	6.43E+07		4.83E+06						3.26E+05	7.39E+08	2.60E+07	8.00E+06	6.97E+06	5.04E+07	1.16E+08	3.53E+07					2.81E+07	7.00E+07				
Spain		6.47E+08	1.82E+08		6.18E+07	3.40E+06				1.01E+06	7.51E+09	7.17E+07	1.53E+08	1.43E+08			7.09E+07		6.71E+06			7.71E+06		3.07E+07	1.00E+08	5.53E+08	2.90E+07	2.33E+08
Sri Lanka																3.74E+08		2.54E+07								1.25E+08		
Sudan												4.28E+07	5.52E+06		2.04E+08			1.07E+07	5.27E+08							1.19E+09		
Suriname												6.93E+05						1.23E+05										
Swaziland																		1.50E+06							6.60E+06			
Sweden			5.36E+05		7.47E+06	3.29E+05		1.15E+06	3.58E+05		1.79E+05																	
Switzerland		9.32E+04	2.33E+07		1.24E+06	4.18E+05	1.37E+04	8.18E+04			7.27E+04	4.85E+07										8.93E+04			2.32E+06	1.24E+08		
Syrian Arab Republic		8.02E+07	4.19E+07	1.60E+06								8.03E+08	1.10E+08	3.65E+07	1.28E+08				1.71E+07						1.04E+08	3.84E+07		
Tajikistan		9.55E+07	7.55E+07									1.76E+08	4.42E+07												8.67E+07	7.27E+07		
Tanzania, United Rep of												1.49E+07				2.33E+08		3.98E+07						2.30E+08	3.23E+08			
Thailand												1.32E+07	1.57E+08			3.36E+09		4.59E+08					9.83E+07	2.36E+09	1.97E+08			
Timor-Leste																2.11E+06	6.94E+05	8.66E+03				2.76E+05	2.06E+06					
Togo																		3.84E+05								4.27E+07		
Tokelau																												
Tonga												2.27E+05													2.20E+06	1.14E+07		
Trinidad and Tobago												7.48E+05				8.43E+05	5.56E+05	1.34E+06							5.09E+07			
Tunisia		1.98E+08	4.19E+07	6.05E+06	2.68E+06				2.98E+04	7.44E+04	2.13E+08	1.14E+08	3.49E+07	1.45E+08			2.55E+05		3.78E+08			4.68E+04		1.21E+08	1.17E+08			
Turkey		2.32E+08	1.77E+08	3.81E+07	5.46E+07					2.42E+07	3.31E+09	6.60E+08	4.92E+08	4.34E+08			6.44E+05		3.77E+07					8.50E+07	1.79E+07	1.70E+08		
Turkmenistan		3.00E+07	2.44E+07									1.89E+08	1.10E+08													2.00E+08		
Tuvalu																								7.18E+05				
Uganda																		7.32E+05							9.71E+07			
Ukraine		9.89E+07	1.85E+08		2.41E+07	1.81E+07	3.51E+06	1.23E+07	1.52E+06	1.08E+06	4.32E+06	4.26E+08	2.17E+08	3.07E+07											2.96E+08	1.05E+10		
United Arab Emirates												5.97E+05	2.84E+06	9.30E+06	1.15E+06	1.14E+07			2.10E+09						8.45E+06			
United Kingdom			5.00E+06		8.07E+06	5.29E+06	5.69E+05	3.63E+06			9.85E+05	2.38E+06														2.78E+08		
United States of America		5.12E+08	3.41E+08		7.04E+07	2.56E+07			3.64E+07	3.38E+07	7.12E+06	1.52E+09	2.24E+08	1.55E+08	3.11E+07	4.40E+06	1.58E+08	2.20E+07	1.36E+07			1.47E+07	4.61E+06		1.91E+06	9.96E+09	4.20E+08	
Uruguay		2.89E+07	5.82E+06									3.81E+07	5.16E+06	1.91E+06											4.37E+06			
Uzbekistan		1.07E+08	1.63E+08		1.95E+06			1.29E+06	4.69E+05		3.75E+05	7.42E+08	2.31E+08		8.28E+05										8.07E+07	8.32E+08		
Vanuatu																		7.32E+05							1.77E+06	3.21E+06		
Venezuela, Boliv Rep of		2.77E+07			3.48E+06							5.05E+06	6.97E+07	2.85E+07		1.15E+08	7.24E+07	7.18E+07				6.50E+07	3.93E+07	4.43E+07				
Viet Nam											3.41E+07	7.54E+07				4.25E+08		1.29E+08							1.58E+09			
Wallis and Futuna Is														4.76E+04		2.41E+04									6.57E+06	1.38E+05		
Western Sahara																												
Yemen		1.16E+07										2.02E+08	3.89E+07	1.11E+07	4.77E+06	8.53E+07			3.51E+08				5.39E+07	7.22E+06	3.61E+07		3.52E+08	
Zambia																									1.74E+08	4.99E+07		
Zimbabwe		2.53E+06	7.20E+05	1.51E+05	4.34E+05	4.62E+05					3.08E+04	2.69E+06				2.63E+06		8.05E+04							2.03E+06	6.27E+06		
Total water consumed per crop (m ³ /yr)		1.50E+10	1.38E+10	7.04E+08	8.40E+08	2.59E+08	8.50E+07	2.35E+08	7.74E+07	4.56E+07	2.32E+08	3.96E+10	1.11E+10	3.57E+09	3.43E+09	3.82E+10	3.13E+09	3.44E+09	1.74E+10		5.89E+09	4.06E+08	3.58E+09	1.90E+10	3.13E+10	5.79E+10	2.73E+09	3.89E+09
Total production (ton/yr)		1.25E+07	8.55E+06	3.74E+05	3.05E+06	3.63E+05	1.74E+05	6.36E+05	1.96E+05	3.00E+05	4.81E+05	6.05E+07	6.93E+07	1.94E+07	1.09E+06	2.41E+07	2.44E+06	1.36E+07	5.73E+06	2.11E+06	1.61E+06	9.42E+05	5.41E+06	1.33E+07	2.23E+07	4.04E+08	2.32E+07	3.34E+07
Average VWC (m3/ton)		1194	1612	1881	276	713	488	369	395	152	482	655	160	183	3160	1583	1284	253	3030		3661	430	662	1426	1404	143	118	116

Country	Crop codes (see Appendix III)	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748
Afghanistan																									6.87E+07			
Albania				3.39E+08																								
Algeria			2.87E+07	1.37E+07					7.21E+05											6.79E+07								
American Samoa														1.65E+05														
Angola													1.37E+09	2.75E+07														
Antigua and Barbuda																												
Argentina		4.73E+09	2.97E+08	8.00E+09											5.16E+08			5.87E+05		3.41E+07					1.97E+07		3.72E+06	
Armenia												1.26E+06																
Australia		3.27E+09		1.11E+09														2.95E+06										
Austria		5.31E+07	4.70E+07	2.22E+07	7.71E+07				1.56E+06									7.92E+05										
Azerbaijan, Republic of												3.26E+07			6.34E+07													
Bahamas																												
Bahrain				1.30E+06																								
Bangladesh															5.94E+08					1.40E+09						3.06E+07	9.66E+07	
Barbados																												
Belarus												1.86E+08																
Belgium-Luxembourg			6.28E+05	3.46E+06					2.08E+07									1.62E+06										
Belize													3.87E+05	2.36E+06														
Benin												1.40E+07							3.37E+06	2.10E+08								
Bermuda																												
Bhutan																								5.95E+07		1.24E+06	1.70E+06	
Bolivia		3.18E+08		8.84E+07									2.99E+08	7.03E+07	5.94E+06						1.24E+07							
Bosnia and Herzegovina			2.46E+07	6.54E+07					4.20E+06											3.18E+07								
Botswana																												
Brazil													2.31E+10	7.38E+09	4.71E+07				6.37E+07									
British Virgin Islands																												
Brunei Darussalam																			1.98E+05									
Bulgaria		2.59E+08		6.51E+08					4.08E+06									1.97E+06		1.55E+06						8.59E+07		
Burkina Faso																											2.20E+07	
Burundi													2.76E+08		1.04E+08													
Cambodia													4.20E+06						1.36E+06	1.18E+08								
Cameroon													3.43E+09	4.18E+09	2.12E+07				1.18E+06	5.78E+07						4.81E+06		
Canada																									1.61E+07			
Cape Verde																				1.08E+06								
Cayman Islands																												
Central African Republic													3.13E+08	1.25E+07						1.45E+06								
Chad																												
Chile		6.01E+07	1.48E+07	9.20E+07			1.44E+06																					
China													5.95E+07		7.66E+09			3.28E+07	4.87E+07	2.51E+08	8.84E+06	2.61E+08	4.42E+06		1.12E+08	7.97E+07	8.57E+07	
Cocos (Keeling) Islands																												
Colombia													9.40E+09	1.07E+09														
Comoros													7.95E+06	9.19E+05							9.13E+06		1.06E+08				2.19E+05	
Congo, Dem Republic of													1.55E+09	2.55E+08	5.04E+07				9.35E+07									
Congo, Republic of													4.15E+07	4.75E+07														
Cook Islands													1.56E+05								1.10E+04							
Costa Rica													1.40E+09	3.59E+07					9.55E+05							4.11E+06		
Côte d'Ivoire													9.71E+09	2.54E+10					8.66E+05	1.33E+08							4.16E+06	
Croatia			4.02E+07	1.60E+08					1.05E+07																			
Cuba													9.70E+08	8.13E+07														
Cyprus		1.76E+07		1.97E+06		1.21E+07																						
Czech Republic			6.51E+07	3.35E+08				3.56E+06	1.20E+07									2.31E+07		2.84E+07								

Country	Crop codes (see Appendix III)	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748	
Denmark		3.07E+08	1.10E+08	1.77E+07					3.52E+07																	3.93E+05			
Djibouti																				4.55E+06									
Dominica													4.40E+06	2.32E+07								7.86E+05		1.12E+04		2.07E+05	6.33E+04		
Dominican Republic													1.81E+09	1.81E+09												2.20E+06	8.98E+06		
Ecuador													3.16E+09	3.37E+09	9.22E+06											8.70E+04	4.43E+05		
Egypt			9.65E+09																	2.32E+08						8.22E+07			
El Salvador													2.32E+09	6.00E+06															
Equatorial Guinea													8.62E+07	5.33E+08															
Eritrea																												9.75E+06	
Estonia												5.62E+06																	
Ethiopia													3.38E+09		6.01E+07				1.63E+06	4.05E+09				4.66E+06	1.53E+06	2.52E+06	5.87E+06		
Faeroe Islands																													
Fiji Islands													2.59E+05	1.51E+07					7.55E+06							2.69E+05			
Finland										7.61E+07																			
France		1.82E+09	5.15E+07	1.29E+09	1.20E+08	1.03E+08	1.62E+08	6.52E+06	5.23E+07		2.11E+06							3.27E+06											
French Guiana																													
French Polynesia													8.71E+05								4.82E+06								
Gabon													4.60E+06	7.15E+07															
Gambia																													
Georgia		8.06E+07										5.59E+05			2.39E+08				1.33E+06										
Germany			1.63E+08	1.09E+08	7.98E+09				2.21E+07										7.57E+07										
Ghana													1.92E+08	1.85E+10					1.96E+07	2.51E+08									
Greece		8.54E+08				3.39E+08														8.59E+05						7.01E+05			
Grenada														1.74E+07						1.90E+05				8.86E+07			7.73E+05		
Guadeloupe													1.26E+06								5.33E+05								
Guam																													
Guatemala													3.57E+09	6.01E+07	7.21E+06				2.78E+06					6.30E+08	3.42E+06		2.40E+06		
Guinea													6.74E+08	1.64E+08															
Guinea-Bissau																													
Guyana													5.30E+06	1.27E+07															
Haiti													6.48E+08	1.06E+08															
Honduras									3.25E+05				2.72E+09	6.80E+07					1.60E+06					9.73E+06					
Hungary		2.28E+09	8.61E+06	7.39E+08		5.93E+08		1.94E+07				1.26E+07								3.94E+07						1.31E+07		2.65E+06	
Iceland																													
India													3.14E+09	8.54E+07	5.83E+09				5.12E+08	1.06E+10				1.15E+09	7.77E+08	4.10E+08	3.24E+09		
Indonesia													9.58E+09	4.08E+09	1.53E+09				3.23E+08		9.84E+07	8.74E+08	4.43E+09	4.19E+08		5.84E+07	5.72E+06		
Iran, Islamic Rep of				4.00E+09											5.51E+08					2.07E+07						1.91E+08			
Iraq			4.39E+08	1.14E+07		2.39E+06																							
Ireland							3.44E+06	9.68E+06	8.32E+06			2.64E+06						1.00E+05											
Israel																													
Italy		1.37E+09	1.73E+08	3.47E+09		1.20E+09		3.92E+07	3.70E+06																				
Jamaica													6.01E+07	3.87E+07						2.68E+07						9.54E+05	1.04E+06		
Japan		7.75E+08				1.95E+07		4.15E+06				2.76E+04			4.27E+08			1.33E+06											
Jordan			1.81E+07	5.26E+03																									
Kazakhstan												7.22E+05																	
Kenya													2.45E+09		2.14E+09				3.10E+06	7.73E+07	6.43E+05		1.21E+07	1.50E+06	1.06E+06	3.00E+05	8.24E+06		
Kiribati																													
Korea, Dem People's Rep																		1.73E+07											
Korea, Republic of															1.24E+07			2.32E+04								1.54E+07			
Kuwait																											8.29E+04		
Kyrgyzstan												1.70E+07							8.14E+05	4.68E+05							5.97E+05		
Laos													2.99E+08		7.55E+06					2.41E+07				7.62E+07					
Latvia												1.80E+07																	
Lebanon				1.37E+06																						1.10E+05		3.07E+06	
Lesotho																													

Country	Crop codes (see Appendix III)	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748
Liberia													1.75E+08	1.60E+08														
Libyan Arab Jamahiriya																												
Liechtenstein																												
Lithuania	1.35E+08											7.80E+07																
Macedonia,The Fmr Yug Rp			3.40E+06	7.97E+07		1.42E+07			8.84E+05																			
Madagascar													2.25E+09	5.43E+07	3.04E+06				1.93E+07	4.05E+07	3.12E+08	9.82E+06	9.79E+08	3.68E+05	9.52E+04	3.15E+04	9.80E+04	
Malawi													3.98E+07	2.81E+08					6.83E+06	4.46E+07	1.11E+06			2.12E+06	4.06E+05		4.17E+06	
Malaysia													1.98E+08	9.32E+08	3.50E+07				4.28E+07	1.83E+07			8.60E+06	1.35E+07		4.97E+06		
Maldives																				1.08E+05								
Mali															2.40E+06					1.21E+08								
Malta						6.15E+06																						
Marshall Islands																												
Martinique													2.14E+05							5.07E+05								
Mauritania																												
Mauritius															8.34E+06											4.60E+05	3.77E+04	
Mexico	1.66E+09	4.11E+05	7.89E+08					2.76E+06	2.77E+05		4.79E+04		8.94E+09	1.07E+09					5.67E+06	4.89E+08	2.12E+07				1.23E+07		1.77E+06	
Micronesia,Fed States of														8.60E+05														
Moldova, Republic of												2.21E+07																
Mongolia	1.88E+07											4.95E+05																
Montserrat																												
Morocco																				1.66E+07					5.52E+07		2.89E+07	3.48E+07
Mozambique													1.62E+07	6.65E+07														
Myanmar	1.24E+09												4.52E+07	8.70E+08					8.89E+08									
Namibia																												
Nauru																												
Nepal	2.64E+07												2.35E+06	2.19E+07						1.29E+08				9.31E+07		3.20E+07	7.25E+06	
Netherlands				1.89E+07					1.42E+06																	4.89E+05		
New Caledonia													3.95E+06															
New Zealand			1.38E+08				6.25E+07	1.45E+08	1.44E+07		6.73E+07							4.06E+05										
Nicaragua													1.33E+09	2.13E+07														
Niger																				1.52E+07							3.45E+07	
Nigeria													1.17E+08	1.28E+10						4.97E+08					8.81E+08	1.57E+07		
Niue																												
Norway							6.73E+05	1.20E+06																				
Oman			8.69E+07																									
Pakistan																				1.38E+09						6.45E+05	9.66E+07	
Panama													2.80E+08	4.21E+07	2.23E+06													
Papua New Guinea													9.20E+08	1.07E+09	6.69E+07												1.43E+06	
Paraguay				1.27E+07									7.21E+07															
Peru			4.22E+08										2.11E+09	3.75E+08	2.97E+07		2.24E+05			2.02E+07							1.65E+06	
Philippines													1.58E+09	1.51E+08												2.18E+07		
Poland						1.71E+09						1.91E+08						7.54E+06										
Portugal												2.84E+07			4.19E+05			2.71E+05										
Puerto Rico													4.02E+08															
Qatar			4.01E+07																									
Réunion															3.34E+06					5.13E+05	3.41E+06					6.90E+04		
Romania	1.19E+09	1.28E+08	1.23E+09		2.15E+09							6.76E+07						1.56E+06	2.02E+08						3.71E+07			
Russian Federation												2.03E+08			7.52E+06			6.88E+06							1.96E+07			
Rwanda													2.43E+08		1.33E+08												3.72E+05	
Saint Helena																												
Saint Kitts and Nevis																												
Saint Lucia														4.42E+05					1.39E+06					1.06E+06		1.40E+05	1.23E+06	
Saint Pierre & Miquelon																												
Saint Vincent/Grenadines													6.10E+06	9.64E+06										5.78E+06			1.04E+06	
Samoa													4.32E+05	2.36E+07					5.83E+04								4.28E+05	

Country	Crop codes (see Appendix III)	639	640	641	642	643	644	646	647	648	649	655	656	661	667	671	674	677	687	689	692	693	698	702	711	720	723	748
Sao Tome and Principe													2.40E+06	1.70E+08								8.57E+05						
Saudi Arabia				6.02E+08																								
Senegal																				1.27E+08								
Serbia and Montenegro			1.47E+08	7.95E+08		2.19E+07			1.40E+07									2.66E+06		3.01E+07								
Seychelles															7.20E+06							4.21E+07						
Sierra Leone													1.63E+08	3.65E+08						1.20E+07							9.60E+05	
Singapore																												
Slovakia			1.08E+07	2.17E+08					7.98E+06									1.18E+06										
Slovenia			4.38E+06	1.46E+07				5.50E+06	3.78E+06	8.62E+05								7.72E+06		2.10E+06								
Solomon Islands														6.60E+07													2.30E+05	
Somalia																												
South Africa				1.27E+09											1.17E+08				1.44E+06		1.10E+08							
Spain		1.65E+09	1.54E+07	3.38E+08		2.24E+08	3.14E+07	4.09E+07	8.36E+06	1.25E+06		4.80E+07						5.10E+06		3.88E+07					2.48E+06		1.53E+07	3.06E+05
Sri Lanka													2.15E+08	7.48E+07	3.12E+09				1.30E+08			3.49E+08	1.08E+08	8.76E+07		7.99E+06	6.46E+06	
Sudan																					1.67E+08							
Suriname													2.61E+06	1.82E+06														
Swaziland																												
Sweden																												
Switzerland									4.12E+06									7.28E+04										
Syrian Arab Republic		4.36E+08	3.34E+06	8.40E+06		3.96E+07																				5.98E+07		
Tajikistan		1.28E+08							8.10E+05			1.38E+06																
Tanzania, United Rep of													1.37E+09	5.51E+07	2.68E+08					6.86E+07			1.35E+08	3.08E+07				
Thailand													8.25E+08	9.99E+06	2.78E+08				1.07E+07	2.99E+08						5.11E+07	7.82E+06	
Timor-Leste																				1.93E+06								
Togo													6.88E+08	3.06E+08						9.27E+07				3.95E+05			9.36E+05	
Tokelau																												
Tonga													8.08E+04								3.23E+06						2.65E+05	
Trinidad and Tobago													4.29E+07	1.62E+08										4.60E+06				
Tunisia																				3.52E+07					2.71E+07		1.53E+07	
Turkey				1.28E+09		1.08E+09			6.33E+06						9.49E+08					7.45E+07						2.20E+08		1.91E+08
Turkmenistan												3.62E+08																
Tuvalu																												
Uganda													4.17E+09	2.04E+08	3.18E+08				1.69E+07	6.55E+07	1.39E+06					2.63E+05		
Ukraine									6.61E+07			5.03E+08						9.92E+06								8.05E+06		
United Arab Emirates		8.07E+07		1.16E+07																								
United Kingdom							5.78E+07	9.41E+07	1.13E+07									7.06E+06										
United States of America		2.16E+10		3.66E+10	3.79E+09								1.74E+07					6.72E+07								6.17E+05		
Uruguay																												
Uzbekistan												8.94E+07							1.10E+06	2.05E+07								
Vanuatu													6.05E+05	2.48E+07													2.66E+04	
Venezuela, Boliv Rep of													2.77E+09	7.39E+08														
Viet Nam												5.22E+07	3.02E+09		8.48E+08				6.00E+07	5.14E+08		1.26E+08			1.13E+07			
Wallis and Futuna Is																											1.72E+04	
Western Sahara																												
Yemen		1.08E+08		1.02E+08									5.25E+08															
Zambia													4.10E+07		1.01E+07				3.44E+05	7.18E+06							3.52E+07	
Zimbabwe													9.42E+07		1.01E+08				1.22E+07	1.32E+08	6.96E+05				1.11E+06		4.78E+06	
Total water consumed per crop (m ³ /yr)		4.45.E+10	1.15.E+10	6.45.E+10	1.20.E+10	7.52.E+09	3.20.E+08	3.72.E+08	3.16.E+08	2.11.E+06	1.43.E+08	1.93.E+09	1.19.E+11	8.65.E+10	2.74.E+10		4.26.E+09	2.82.E+08	1.30.E+09	2.34.E+10	4.65.E+08	1.66.E+09	5.79.E+09	2.68.E+09	1.83.E+09	1.61.E+09	3.98.E+09	3.51.E+07
Total production (ton/yr)		2.66.E+08	8.34.E+07	4.81.E+08	5.78.E+07	4.36.E+07	3.18.E+06	2.75.E+06	1.15.E+07	1.51.E+04	2.32.E+06	2.48.E+07	6.84.E+06	3.18.E+06	2.98.E+06	8.27.E+05	1.70.E+05	1.03.E+05	2.64.E+05	2.21.E+06	4.80.E+03	9.20.E+04	9.44.E+04	6.53.E+04	3.27.E+05	8.99.E+05	1.05.E+06	6.29.E+04
Average VWC (m3/ton)		167	138	134	207	173	100	135	27	140	62	78	17373	27218	9205		24960	2736	4921	10601	96949	18083	61304	41041	5594	1792	3800	557

Country	Crop codes (see Appendix III)	754	773	777	780	782	788	789	800	809	821	826	836	839	Total crop water use per country	Share in global water use for crop production (%)
Afghanistan															1.67E+10	0.26
Albania												2.67E+07			2.49E+09	0.04
Algeria												3.67E+07			2.31E+10	0.36
American Samoa															3.40E+07	0.00
Angola						4.91E+06		3.74E+06				1.37E+07			1.21E+10	0.19
Antigua and Barbuda															2.48E+07	0.00
Argentina		2.08E+07									1.15E+07	1.02E+08			8.93E+10	1.40
Armenia												4.80E+06			1.20E+09	0.02
Australia												8.20E+06			8.27E+10	1.29
Austria												2.98E+05			4.87E+09	0.08
Azerbaijan, Republic of												3.72E+07			4.73E+09	0.07
Bahamas															5.45E+07	0.00
Bahrain															4.51E+07	0.00
Bangladesh					2.09E+09	5.62E+06					1.12E+07	1.17E+08	3.61E+08		1.11E+11	1.74
Barbados															1.47E+08	0.00
Belarus		2.78E+08										2.66E+06			8.38E+09	0.13
Belgium-Luxembourg		2.02E+07										2.00E+06			5.55E+09	0.09
Belize															6.87E+08	0.01
Benin												4.66E+06			1.23E+10	0.19
Bermuda															1.27E+06	0.00
Bhutan					3.20E+05							2.83E+05			7.21E+08	0.01
Bolivia												3.35E+06			1.11E+10	0.17
Bosnia and Herzegovina												1.09E+07			3.22E+09	0.05
Botswana															5.94E+08	0.01
Brazil					2.94E+06	1.43E+07	6.35E+06	1.18E+09				8.78E+08	8.92E+08		2.56E+11	4.01
British Virgin Islands															7.42E+05	0.00
Brunei Darussalam													3.60E+07		8.40E+07	0.00
Bulgaria												1.41E+08			1.14E+10	0.18
Burkina Faso												6.29E+06			1.81E+10	0.28
Burundi												1.45E+06			7.31E+09	0.11
Cambodia					3.44E+06							4.29E+07	4.60E+08		2.04E+10	0.32
Cameroon					7.73E+05							1.07E+07	5.30E+08		2.29E+10	0.36
Canada											1.40E+08	6.03E+07			8.26E+10	1.29
Cape Verde															3.60E+08	0.01
Cayman Islands															2.33E+06	0.00
Central African Republic						2.06E+06		5.95E+06				2.87E+06	1.58E+07		4.57E+09	0.07
Chad												8.44E+05			1.69E+10	0.26
Chile		1.10E+07	3.93E+06			1.53E+07						3.64E+06			4.85E+09	0.08
China		3.01E+08	3.13E+07	2.51E+08	1.20E+08	5.79E+08	3.96E+07				1.86E+05	5.28E+09	3.05E+09		7.33E+11	11.46
Cocos (Keeling) Islands															1.12E+07	0.00
Colombia									1.22E+08			4.92E+07			3.25E+10	0.51
Comoros															9.06E+08	0.01
Congo, Dem Republic of						3.29E+07						2.53E+07	3.34E+08		3.69E+10	0.58
Congo, Republic of												7.90E+05	1.55E+07		1.24E+09	0.02
Cook Islands															3.02E+07	0.00
Costa Rica										1.70E+07		8.69E+05			5.04E+09	0.08
Côte d'Ivoire												7.21E+07	7.87E+08		6.05E+10	0.95
Croatia		7.38E+03										2.40E+07			5.52E+09	0.09
Cuba						5.59E+07		3.38E+07	7.20E+07			1.89E+08			2.25E+10	0.35
Cyprus												2.67E+05			6.40E+08	0.01
Czech Republic		8.31E+06													1.17E+10	0.18

Country	Crop codes (see Appendix III)	754	773	777	780	782	788	789	800	809	821	826	836	839	Total crop water use per country	Share in global water use for crop production (%)
Denmark															8.67E+09	0.14
Djibouti															2.53E+07	0.00
Dominica															1.95E+08	0.00
Dominican Republic								6.36E+06				7.51E+07			1.00E+10	0.16
Ecuador									1.18E+07	1.92E+08		5.41E+06	3.27E+07		1.83E+10	0.29
Egypt			7.86E+07		7.57E+06										4.73E+10	0.74
El Salvador						2.83E+07			3.23E+07			2.85E+06			5.84E+09	0.09
Equatorial Guinea										1.97E+07					9.43E+08	0.01
Eritrea															2.81E+09	0.04
Estonia			3.48E+05												6.27E+08	0.01
Ethiopia						7.68E+06		8.42E+06			1.75E+09	2.06E+07			4.44E+10	0.70
Faeroe Islands															2.20E+05	0.00
Fiji Islands												6.85E+05			1.52E+09	0.02
Finland															4.89E+09	0.08
France			1.23E+08	5.40E+05								3.19E+07			8.25E+10	1.29
French Guiana															1.45E+08	0.00
French Polynesia															2.22E+08	0.00
Gabon													1.02E+08		1.24E+09	0.02
Gambia															1.38E+09	0.02
Georgia												6.09E+06			3.18E+09	0.05
Germany												1.31E+07			5.45E+10	0.85
Ghana												1.76E+07	2.55E+08		4.23E+10	0.66
Greece			2.00E+06									1.88E+08			1.81E+10	0.28
Grenada															1.97E+08	0.00
Guadeloupe															2.94E+08	0.00
Guam															1.11E+08	0.00
Guatemala						2.15E+06			1.24E+06			3.81E+07	5.01E+08		1.21E+10	0.19
Guinea								8.47E+06				9.72E+06			1.74E+10	0.27
Guinea-Bissau															4.22E+09	0.07
Guyana												3.94E+05			2.45E+09	0.04
Haiti								7.19E+07				1.52E+06			6.83E+09	0.11
Honduras												4.23E+07			7.12E+09	0.11
Hungary				1.25E+06								2.25E+07			1.60E+10	0.25
Iceland															1.75E+06	0.00
India					4.88E+09	1.05E+09						1.58E+09	4.45E+09		9.49E+11	14.85
Indonesia						2.25E+07		1.98E+06		8.18E+06		5.83E+08	2.66E+10		2.59E+11	4.05
Iran, Islamic Rep of												1.32E+08			8.18E+10	1.28
Iraq												1.30E+07			2.45E+10	0.38
Ireland															1.36E+09	0.02
Israel															1.83E+09	0.03
Italy			7.65E+06	2.43E+05								1.77E+08			6.02E+10	0.94
Jamaica								4.58E+06				4.63E+06			1.93E+09	0.03
Japan												7.39E+07			2.14E+10	0.33
Jordan												1.40E+07			1.51E+09	0.02
Kazakhstan												3.07E+07			3.28E+10	0.51
Kenya								1.89E+08				5.74E+07			2.30E+10	0.36
Kiribati															3.73E+08	0.01
Korea, Dem People's Rep				4.38E+07								1.38E+08			1.28E+10	0.20
Korea, Republic of				4.53E+05								8.79E+07			1.39E+10	0.22
Kuwait															6.70E+07	0.00
Kyrgyzstan												5.25E+07			6.56E+09	0.10
Laos							4.06E+06					2.08E+07			7.46E+09	0.12
Latvia			6.21E+06												1.02E+09	0.02
Lebanon												3.46E+07			1.79E+09	0.03
Lesotho															6.57E+08	0.01

Country	Crop codes (see Appendix III)	754	773	777	780	782	788	789	800	809	821	826	836	839	Total crop water use per country	Share in global water use for crop production (%)
Liberia													1.11E+09		4.18E+09	0.07
Libyan Arab Jamahiriya												4.09E+06			6.32E+09	0.10
Liechtenstein																
Lithuania		2.40E+07													2.83E+09	0.04
Macedonia, The Fmr Yug Rp												9.17E+07			1.47E+09	0.02
Madagascar						2.90E+06		1.01E+08			6.45E+07	8.51E+06			2.24E+10	0.35
Malawi								3.64E+06				3.69E+08			1.35E+10	0.21
Malaysia												3.11E+07	1.45E+10		5.50E+10	0.86
Maldives															7.83E+07	0.00
Mali						1.87E+07						3.71E+06			2.48E+10	0.39
Malta															5.75E+07	0.00
Marshall Islands															1.21E+08	0.00
Martinique															2.58E+08	0.00
Mauritania															2.48E+09	0.04
Mauritius											6.31E+05	1.13E+06			7.47E+08	0.01
Mexico								4.13E+08	6.77E+07			1.05E+08	1.64E+08		9.37E+10	1.47
Micronesia, Fed States of															3.79E+08	0.01
Moldova, Republic of												7.67E+07			6.80E+09	0.11
Mongolia															1.60E+09	0.03
Montserrat															2.59E+06	0.00
Morocco								1.83E+07				2.27E+07			3.73E+10	0.58
Mozambique						2.54E+07		2.67E+07				1.50E+07			2.05E+10	0.32
Myanmar					1.70E+08	1.75E+05					2.04E+06	1.19E+08	5.92E+08		7.54E+10	1.18
Namibia															1.06E+09	0.02
Nauru															4.67E+06	0.00
Nepal					4.71E+07							1.34E+07			1.85E+10	0.29
Netherlands		6.35E+06													3.01E+09	0.05
New Caledonia															7.22E+07	0.00
New Zealand											2.54E+07				1.30E+09	0.02
Nicaragua									3.84E+07			7.59E+06			5.30E+09	0.08
Niger												3.62E+07			7.20E+10	1.13
Nigeria						5.65E+06						1.13E+08	5.02E+09		2.49E+11	3.89
Niue															4.10E+07	0.00
Norway															1.26E+09	0.02
Oman												1.60E+06			8.73E+08	0.01
Pakistan					1.93E+05	2.55E+07						3.38E+08			1.60E+11	2.51
Panama												4.12E+06			2.24E+09	0.03
Papua New Guinea													1.38E+08		8.24E+09	0.13
Paraguay												2.18E+07			1.17E+10	0.18
Peru					5.24E+05							3.42E+06			1.44E+10	0.23
Philippines							2.15E+07		2.37E+07	1.43E+09	6.00E+06	1.81E+08	1.00E+09		1.07E+11	1.67
Poland		1.38E+07	2.30E+05									5.11E+07			2.44E+10	0.38
Portugal												5.98E+06			9.47E+09	0.15
Puerto Rico												8.12E+03			7.82E+08	0.01
Qatar															1.20E+08	0.00
Réunion											2.48E+05	4.14E+04			3.35E+08	0.01
Romania		1.66E+06	4.18E+06									3.96E+07			3.15E+10	0.49
Russian Federation		3.10E+08	2.49E+07			6.91E+07						3.09E+06			2.10E+11	3.29
Rwanda												8.54E+06			8.32E+09	0.13
Saint Helena																
Saint Kitts and Nevis															5.56E+07	0.00
Saint Lucia															2.88E+08	0.00
Saint Pierre & Miquelon																
Saint Vincent/Grenadines												3.28E+05			2.29E+08	0.00
Samoa												1.21E+05			4.04E+08	0.01

Country	Crop codes (see Appendix III)	754	773	777	780	782	788	789	800	809	821	826	836	839	Total crop water use per country	Share in global water use for crop production (%)
Sao Tome and Principe															3.69E+08	0.01
Saudi Arabia															1.08E+10	0.17
Senegal															1.77E+10	0.28
Serbia and Montenegro				8.85E+05								3.63E+07			1.34E+10	0.21
Seychelles															6.75E+07	0.00
Sierra Leone												6.03E+05			4.37E+09	0.07
Singapore															1.32E+06	0.00
Slovakia			3.74E+06									2.88E+06			3.16E+09	0.05
Slovenia															5.90E+08	0.01
Solomon Islands												2.78E+05			6.38E+08	0.01
Somalia												1.43E+06			5.20E+09	0.08
South Africa						4.21E+06		3.12E+07			2.30E+07	4.33E+07			3.34E+10	0.52
Spain		1.86E+08	3.71E+07									4.27E+07			6.80E+10	1.06
Sri Lanka												2.35E+07	2.25E+09		2.40E+10	0.38
Sudan															7.41E+10	1.16
Suriname															6.22E+08	0.01
Swaziland												1.32E+05			9.99E+08	0.02
Sweden															5.91E+09	0.09
Switzerland												1.84E+06			1.21E+09	0.02
Syrian Arab Republic												7.20E+07			2.95E+10	0.46
Tajikistan												1.85E+07			6.43E+09	0.10
Tanzania, United Rep of								3.14E+08				1.25E+08			3.95E+10	0.62
Thailand					1.51E+07	1.48E+08		4.31E+05			7.03E+06	2.10E+08	2.03E+10		1.59E+11	2.48
Timor-Leste															4.37E+08	0.01
Togo												1.85E+07			7.10E+09	0.11
Tokelau															7.61E+06	0.00
Tonga															1.49E+08	0.00
Trinidad and Tobago												1.28E+05			6.54E+08	0.01
Tunisia												1.42E+07			2.17E+10	0.34
Turkey												1.37E+09			9.39E+10	1.47
Turkmenistan												8.88E+06			9.47E+09	0.15
Tuvalu															2.31E+07	0.00
Uganda												3.72E+07			5.73E+10	0.90
Ukraine		1.00E+08	6.34E+06									1.35E+07			6.42E+10	1.01
United Arab Emirates												3.27E+05			2.37E+09	0.04
United Kingdom		4.60E+07													1.62E+10	0.25
United States of America												9.07E+08			4.73E+11	7.40
Uruguay												1.35E+06			3.00E+09	0.05
Uzbekistan					1.54E+07							4.80E+07			2.52E+10	0.39
Vanuatu															8.69E+08	0.01
Venezuela, Boliv Rep of								7.30E+07				2.54E+07			1.37E+10	0.21
Viet Nam				3.11E+07							5.09E+07	9.21E+07	4.11E+09		9.62E+10	1.50
Wallis and Futuna Is															6.86E+07	0.00
Western Sahara															2.17E+07	0.00
Yemen												2.65E+07			6.77E+09	0.11
Zambia												1.95E+07			7.44E+09	0.12
Zimbabwe												3.40E+08			1.48E+10	0.23
Total water consumed per crop (m ³ /yr)		1.55.E+09	1.55.E+08	7.51.E+09	1.66.E+09	6.11.E+08	2.53.E+09	3.69.E+08	1.66.E+09	2.09.E+09	1.58.E+10	8.77.E+10			6.39E+12	100.0
Total production (ton/yr)		1.19.E+04	4.94.E+05	6.20.E+04	2.80.E+06	4.45.E+05	1.52.E+05	3.39.E+05	5.85.E+04	9.86.E+04	2.90.E+05	7.15.E+06	6.71.E+06	2.28.E+04		
Average VWC (m3/ton)			3134	2507	2682	3732	4021	7468	6302	16878	7210	2213	13058			

Appendix XV. Global average virtual water content of primary crops (m³/ton)

Crop code	Crop (FAOSTAT)	Global production (ton/yr)	Global water consumption (10 ⁶ m ³ /yr)	Average virtual water content (m ³ /ton)	Share in global water consumption for crop production
15	Wheat	594594467	792917	1334	12.4%
27	Rice, Paddy	593173644	1358732	2291	21.3%
44	Barley	139624574	193760	1388	3.0%
56	Maize	603140262	548387	909	8.6%
71	Rye	22039337	19866	901	0.3%
75	Oats	27315146	43616	1597	0.7%
79	Millet	28078732	129057	4596	2.0%
83	Sorghum	59471080	169660	2853	2.7%
89	Buckwheat	3194238	7538	2360	0.1%
92	Quinoa	50097	166	3306	0.003%
94	Fonio	243399	1219	5008	0.02%
97	Triticale	8918570	2035	228	0.03%
101	Canary Seed	211684	533	2519	0.01%
103	Mixed Grain	5160032	5703	1105	0.1%
108	Cereals nes	2156489	7033	3261	0.1%
116	Potatoes	309166871	78832	255	1.2%
122	Sweet Potatoes	135528398	41043	303	0.6%
125	Cassava	172162312	104174	605	1.6%
135	Yautia (Cocoyam)	274204	253	922	0.004%
136	Taro (Coco Yam)	8403549	9566	1138	0.1%
137	Yams	37054604	14072	380	0.2%
149	Roots and Tubers nes	7308442	3043	416	0.05%
156	Sugar Cane	1258303380	219999	175	3.4%
157	Sugar Beets	253329446	28706	113	0.4%
161	Sugar Crops nes	752324	645	858	0.01%
176	Beans, Dry	16625282	70706	4253	1.1%
181	Broad Beans, Dry	3694817	7573	2050	0.1%
187	Peas, Dry	11286838	16955	1502	0.3%
191	Chick-Peas	8241196	26623	3230	0.4%
195	Cow Peas, Dry	3374903	36602	10845	0.6%
197	Pigeon Peas	2941131	12067	4103	0.2%
201	Lentils	2993099	18456	6166	0.3%
203	Bambara Beans	48947	202	4123	0.003%
205	Vetches	960110	3673	3826	0.1%
210	Lupins	1656525	3090	1865	0.05%
211	Pulses nes	3314462	13024	3929	0.2%
216	Brazil Nuts	61115	12	196	0.0002%
217	Cashew Nuts	1457185	28082	19271	0.4%
220	Chestnuts	886672	2743	3094	0.04%
221	Almonds	1503454	14687	9769	0.2%
222	Walnuts	1202524	5092	4235	0.1%
223	Pistachios	434748	4723	10864	0.1%
224	Kolanuts	216260	4780	22103	0.1%
225	Hazelnuts (Filberts)	754423	5187	6876	0.1%
226	Areca Nuts (Betel)	621441	5593	8999	0.1%
234	Nuts nes	599678	4613	7692	0.1%
236	Soybeans	160094723	286371	1789	4.5%
242	Groundnuts in Shell	33172799	104329	3145	1.6%
249	Coconuts	50828645	129353	2545	2.0%
254	Oil Palm Fruit	111579670	117452	1053	1.8%
260	Olives	14826152	65128	4393	1.0%
265	Castor Beans	1237818	12997	10500	0.2%
267	Sunflower Seed	24815556	76161	3069	1.2%
270	Rapeseed	37881111	61011	1611	1.0%

Crop code	Crop (FAOSTAT)	Global production (ton/yr)	Global water consumption (10 ⁶ m ³ /yr)	Average virtual water content (m ³ /ton)	Share in global water consumption for crop production
277	Joboba Seeds	400	5	12344	0.0001%
280	Safflower Seed	730600	4068	5567	0.1%
289	Sesame Seed	2768107	24602	8888	0.4%
292	Mustard Seed	497252	783	1575	0.01%
296	Poppy Seed	58398	102	1741	0.002%
299	Melonseed	562617	2372	4215	0.04%
310	Kapok Fruit	382541	2512	6568	0.04%
328	Seed Cotton	54643172	199111	3644	3.1%
333	Linseed	2392679	10577	4420	0.2%
336	Hempseed	33640	103	3052	0.002%
339	Oilseeds nes	1632423	3345	2049	0.1%
358	Cabbages	54628782	11542	211	0.2%
366	Artichokes	1273954	1089	855	0.02%
367	Asparagus	4124145	6073	1473	0.1%
372	Lettuce	17108911	2269	133	0.04%
373	Spinach	8163112	1178	144	0.02%
388	Tomatoes	101019065	18571	184	0.3%
393	Cauliflower	14069374	2239	159	0.04%
394	Pumpkins, Squash, Gourds	15669868	3674	234	0.1%
397	Cucumbers and Gherkins	30995626	7506	242	0.1%
399	Eggplants	24634989	5120	208	0.1%
401	Chillies&Peppers, Green	19498241	6293	323	0.1%
402	Onions+Shallots, Green	3921305	841	214	0.01%
403	Onions, Dry	45925829	15900	346	0.2%
406	Garlic	10067021	5218	518	0.1%
407	Leeks and Oth.Alliac.Veg	1477132	295	200	0.005%
414	Beans, Green	5285835	1897	359	0.03%
417	Peas, Green	7947915	2725	343	0.04%
420	Broad Beans, Green	983258	772	785	0.01%
423	String Beans	1603523	647	403	0.01%
426	Carrots	19749408	2586	131	0.04%
430	Okra	4846380	2025	418	0.03%
446	Green Corn (Maize)	8489281	4325	509	0.1%
461	Carobs	225602	1296	5746	0.02%
463	Vegetables Fresh nes	199804422	54484	273	0.9%
486	Bananas	63859046	54842	859	0.9%
489	Plantains	30547811	75682	2478	1.2%
490	Oranges	64405126	29416	457	0.5%
495	Tang.Mand.Clement.Satsma	17577225	10156	578	0.2%
497	Lemons and Limes	10494779	5863	559	0.1%
507	Grapefruit and Pomelos	5181384	1845	356	0.03%
512	Citrus Fruit nes	5247605	9839	1875	0.2%
515	Apples	57944530	40416	697	0.6%
521	Pears	15694965	11418	727	0.2%
526	Apricots	2541712	3535	1391	0.1%
530	Sour Cherries	934289	1255	1343	0.02%
531	Cherries	1770325	2732	1543	0.04%
534	Peaches and Nectarines	12531350	14960	1194	0.2%
536	Plums	8548286	13783	1612	0.2%
541	Stone Fruit nes, Fresh	374222	704	1881	0.01%
544	Strawberries	3045746	840	276	0.01%
547	Raspberries	362871	259	713	0.004%
549	Gooseberries	174250	85	488	0.001%
550	Currants	636089	235	369	0.004%
552	Blueberries	195850	77	395	0.001%
554	Cranberries	300249	46	152	0.001%
558	Berries nes	481043	232	482	0.004%

Crop code	Crop (FAOSTAT)	Global production (ton/yr)	Global water consumption (10 ⁶ m ³ /yr)	Average virtual water content (m ³ /ton)	Share in global water consumption for crop production
560	Grapes	60514393	39609	655	0.6%
567	Watermelons	69288603	11080	160	0.2%
568	Cantaloupes&oth Melons	19440734	3566	183	0.1%
569	Figs	1086378	3433	3160	0.1%
571	Mangoes	24135800	38212	1583	0.6%
572	Avocados	2439312	3132	1284	0.05%
574	Pineapples	13619660	3441	253	0.1%
577	Dates	5733931	17376	3030	0.3%
591	Cashewapple	1608203	5888	3661	0.1%
592	Kiwi Fruit	942329	406	430	0.01%
600	Papayas	5412553	3583	662	0.1%
603	Fruit Tropical Fresh nes	13344102	19022	1426	0.3%
619	Fruit Fresh nes	22288589	31293	1404	0.5%
636	Maize for Forage+Silage	404096136	57937	143	0.9%
637	Sorghum for Forage+Silag	23203584	2731	118	0.04%
638	Rye Grass,Forage+Silage	33383525	3886	116	0.1%
639	Grasses nes,Forage+Silag	266002100	44482	167	0.7%
640	Clover for Forage+Silage	83426949	11483	138	0.2%
641	Alfalfa for Forage+Silag	481260838	64504	134	1.0%
642	Green Oilseeds fr Fodder	57785040	11968	207	0.2%
643	Leguminous nes,For+Sil	43560752	7517	173	0.1%
644	Cabbage for Fodder	3179735	320	100	0.005%
646	Turnips for Fodder	2745117	372	135	0.01%
647	Beets for Fodder	11513377	316	27	0.005%
648	Carrots for Fodder	15066	2	140	0.00003%
649	Swedes for Fodder	2324208	143	62	0.002%
655	Vegetables+Roots,Fodder	24766501	1926	78	0.03%
656	Coffee, Green	6835469	118750	17373	1.9%
661	Cocoa Beans	3176682	86464	27218	1.4%
667	Tea nes	2978704	27419	9205	0.4%
674	Tea	170480	4255	24960	0.1%
677	Hops	103044	282	2736	0.004%
687	Pepper,White/Long/Black	264013	1299	4921	0.02%
689	Pimento, Allspice	2211046	23438	10601	0.4%
692	Vanilla	4800	465	96949	0.01%
693	Cinnamon (Canella)	91998	1664	18083	0.03%
698	Cloves, Whole+Stems	94417	5788	61304	0.1%
702	Nutmeg, Mace, Cardamons	65257	2678	41041	0.04%
711	Anise, Badian, Fennel	326746	1828	5594	0.03%
720	Ginger	899134	1611	1792	0.03%
723	Spices nes	1046463	3976	3800	0.1%
748	Peppermint	62936	35	557	0.001%
773	Flax Fibre and Tow	494420	1549	3134	0.02%
777	Hemp Fibre and Tow	61962	155	2507	0.002%
780	Jute	2800765	7512	2682	0.1%
782	Jute-Like Fibres	445445	1662	3732	0.03%
788	Ramie	151972	611	4021	0.01%
789	Sisal	338816	2530	7468	0.04%
800	Agave Fibres nes	58546	369	6302	0.01%
809	Abaca (Manila Hemp)	98551	1663	16878	0.03%
821	Fibre Crops nes	289953	2091	7210	0.03%
826	Tobacco Leaves	7147923	15815	2213	0.2%
836	Natural Rubber	6712513	87655	13058	1.4%
	Total		6391398		100%

Appendix XVI. Virtual water content of crop and livestock products for some selected countries (1997-2001)

Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia
Crop products																																		
070190	454	529	124	150	118	315	141	241	461	106	276	270	900	255	89	308	675	112	97	255	270	213	275	355	602	190	209	113	319	607	849	376	170	255
070200	184	362	110	94	27	613	20	73	337	39	168	193	568	454	15	162	432	44	33	728	67	302	339	302	486	45	106	71	138	425	323	559	82	237
070310	214	214	214	214	214	214	250	214	576	214	202	214	214	423	214	214	359	117	214	214	48	214	214	214	261	69	214	198	110	214	214	366	201	214
070320	518	2012	816	518	518	1887	518	1080	1339	518	369	518	518	518	288	784	244	518	518	411	1268	1210	648	2948	635	295	518	302	518	518	518	474	491	518
070390	200	200	200	200	200	200	45	200	200	507	213	200	200	200	200	200	200	89	74	200	51	200	377	444	200	200	103	200	200	773	200	200	200	200
070410	159	228	159	474	159	290	349	159	495	169	174	174	159	159	328	100	159	317	142	159	56	100	159	301	247	100	246	317	103	159	159	159	159	159
070420	159	228	159	474	159	290	349	159	495	169	174	174	159	159	328	100	159	317	142	159	56	100	159	301	247	100	246	317	103	159	159	159	159	159
070490	211	823	211	225	81	415	274	211	304	147	224	774	299	211	131	243	584	191	73	211	218	180	299	373	732	189	256	99	291	393	429	226	81	114
070511	133	133	133	196	72	443	78	133	407	61	151	184	92	133	85	78	133	109	118	133	51	258	133	252	201	50	185	115	97	133	456	133	147	133
070519	133	133	133	196	72	443	78	133	407	61	151	184	92	133	85	78	133	109	118	133	51	258	133	252	201	50	185	115	97	133	456	133	147	133
070610	131	740	192	157	76	131	128	131	149	16	130	130	1359	131	85	303	131	105	87	131	203	192	238	191	1415	129	109	86	365	115	131	131	99	131
070690	416	416	416	416	416	416	416	416	416	416	145	224	324	416	416	416	415	416	416	416	416	416	452	416	416	416	416	112	416	416	598	416	416	441
070700	242	365	242	385	42	605	47	242	275	59	217	158	754	242	9	277	242	31	79	289	51	357	324	408	1104	82	161	68	73	607	242	296	68	107
070810	343	1666	2195	466	255	343	285	343	1156	532	407	343	343	343	278	490	343	212	239	343	414	178	343	603	343	1311	585	428	537	2203	1119	343	343	343
070820	359	800	442	641	174	342	270	359	1066	319	228	359	359	359	359	315	359	232	232	318	237	487	423	488	1383	304	373	311	290	559	939	359	359	359
070890	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	81	173	173	45	173	173	173	74	173	190	73	173	173	173	173	173	173
070910	855	1949	578	855	855	855	855	855	855	855	1738	855	855	855	855	842	855	1183	855	855	882	855	855	1084	855	1671	800	855	855	855	855	855	855	855
070920	1473	1473	1823	2229	826	1473	1118	1473	1329	1524	1433	2037	1473	1473	1473	1473	1473	2028	1288	1473	2113	1473	1473	824	1473	3213	1211	1693	1473	1473	1473	1473	1473	1473
070930	208	704	208	208	208	208	208	208	210	208	209	236	208	296	208	360	208	110	208	1405	231	146	518	309	978	92	165	105	352	371	208	378	250	208
070940	131	740	192	157	76	131	128	131	149	16	130	130	1359	131	85	303	131	105	87	131	203	192	238	191	1415	129	109	86	365	115	131	131	99	131
070960	323	342	320	379	91	323	182	323	489	120	213	314	323	772	323	216	323	131	323	1585	56	285	779	306	381	61	189	90	135	406	323	1573	904	323
070970	144	144	144	329	62	444	117	144	254	148	134	219	144	144	144	117	144	92	97	144	74	144	1318	287	391	36	139	126	92	144	144	144	132	144
070990	788	390	487	188	108	494	185	367	982	94	220	124	747	528	146	158	1794	301	161	273	63	207	398	374	451	162	280	137	180	415	639	317	133	262
071010	908	1059	247	301	237	630	283	481	923	213	553	540	1800	510	179	615	1350	224	193	510	540	425	550	710	1204	380	418	227	639	1214	1697	753	341	510
071021	490	2380	3136	666	364	490	407	490	1652	760	582	490	490	490	397	700	490	302	341	490	592	255	490	861	490	1873	835	612	768	3147	1598	490	490	490
071022	513	1142	631	915	249	489	386	513	1523	455	325	513	513	513	513	451	513	331	331	455	338	695	604	697	1976	435	533	444	415	798	1342	513	513	513
071029	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	108	230	230	60	230	230	230	99	230	253	98	230	230	230	230	230	230
071030	412	412	412	941	178	1267	335	412	726	422	384	626	412	412	412	336	412	263	278	412	212	412	3766	820	1117	103	398	359	264	412	412	412	377	412
071040	13585	10659	1339	2125	1019	6102	1706	3372	4350	1008	2289	5074	12850	9450	2598	2946	6606	1377	1264	6727	2016	5533	3672	3318	20918	1597	1514	4266	2031	5594	7565	4581	2977	4021
071080	1126	557	696	269	154	706	264	524	1403	134	314	178	1068	754	209	225	2563	430	231	390	90	296	569	534	644	231	401	196	257	593	913	452	191	374
071090	788	390	487	188	108	494	185	367	982	94	220	124	747	528	146	158	1794	301	161	273	63	207	398	374	451	162	280	137	180	415	639	317	133	262
071110	364	608	323	230	95	1563	212	466	784	76	258	238	1223	364	152	272	822	148	134	1305	156	566	802	354	1009	211	240	100	253	464	946	451	103	364
071120	12749	8910	2555	5934	4393	4393	4393	10717	4393	4393	657	4393	4393	4393	4393	1603	4393	4136	4393	4393	2606	4393	4393	2877	4284	5420	2151	4393	8757	4393	4393	4393	4393	4393
071140	255	384	255	405	44	637	50	255	289	63	228	166	794	255	9	292	255	33	83	304	54	376	341	429	1162	86	170	71	77	638	255	312	71	113
071190	829	411	513	198	114	520	195	386	1034	99	231	131	787	556	154	166	1889	317	170	287	67	218	419	394	475	170	295	144	189	437	672	333	140	276
071220	346	577	307	219	90	1485	201	442	745	72	245	226	1162	346	144	258	781	141	127	1239	148	538	762	336	959	201	228	95	240	440	899	429	98	346
071290	2251	1115	1392	538	309	1412	529	1048	2806	269	628	556	2135	1509	419	450	5126	861	461	779	181	592	1139	1069	1288	462	801	391	514	1187	1825	905	381	748
071310	1502	16181	1381	2507	901	3768	940	1123	1679	874	2186	1502	4332	1502	707	2887	4255	605	809	1502	2079	3040	1502	1502	1502	4845	1286	1300	1502	5405	1502	1502	1502	1502
071320	3230	7336	1016	1960	3230	2256	3230	3230	1715	956	704	3230	3230	3230	3230	1866	2450	3230	3230	3230	1741	2712	3230	11066	6018	1594	1988	3230	2901	4378	6455	3230	3230	3230
071331	4418	8230	3929	3929	3929	2956	1059	3929	3929	3929	1674	4577	4994	5381	1121	2831	6790	780	3929	43081	3120	3078	6020	5264	3929	5874	2929	3929	3929	3929	3929	2783	3929	3929
071332	4253	13893	1436	2791	4253	3410	1206	3955	5970	950	1867	2502	5213	4253	2112	4116	1036	4253	4253	2536	8335													

Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia	
071490	1792	1792	1792	1792	1792	780	1792	1792	1792	1792	391	1792	1792	1792	1792	1792	1645	1792	1792	1792	1792	1556	490	1792	1792	1792	1792	1792	1792	1792	1668	1792	2457	1604	
080211	6747	16762	4229	5236	9769	9769	9769	9769	11106	9769	3066	9769	9769	9769	9769	9769	9769	1572	9769	9769	7247	9769	9769	11133	13915	7081	5968	9769	5433	9769	9769	9769	9769		
080212	13493	33525	8458	10473	19537	19537	19537	19537	22213	19537	6132	19537	19537	19537	19537	19537	19537	3144	19537	19537	14494	19537	19537	22266	27830	14163	11936	19537	10866	19537	19537	19537	19537		
080221	6876	6876	6876	6876	6876	6876	6876	6876	6876	6876	4880	6876	6876	6876	6876	6876	6876	3580	6876	6876	7419	6876	6876	12170	6876	6876	5222	6876	6876	6876	6876	6876	6876		
080222	13751	13751	13751	13751	13751	13751	13751	13751	13751	13751	9759	13751	13751	13751	13751	13751	13751	7160	13751	13751	14839	13751	13751	24340	13751	13751	10445	13751	13751	13751	13751	13751	13751		
080231	6284	4235	4166	4235	2059	4235	4167	6580	7069	4235	4502	4235	4235	4235	4235	7741	4235	3543	1963	4235	7637	11721	4235	5029	16413	4235	2618	4235	4235	4235	4235	4235	4235		
080232	11856	7990	7860	7990	3884	7990	7862	12416	13337	7990	8495	7990	7990	7990	7990	14605	7990	6685	3704	7990	14410	22114	7990	9488	30968	7990	4940	7990	7990	7990	7990	7990	6934	7990	
080240	3094	3094	3094	3094	3094	3094	3094	3094	3094	3094	1417	3094	3094	3094	3094	3094	3094	2982	3094	3094	6784	3094	3094	3094	3094	3094	3094	3308	6733	3094	3094	3094	5016	3475	3094
080250	12709	10864	10864	10864	10864	10864	10864	10864	10864	10864	3823	10864	10864	10864	10864	10864	10864	10864	10864	10864	6653	10864	10864	14845	10864	10864	11304	10864	10864	10864	10864	10864	10864	10864	
080290	9562	7692	7692	5498	7692	7692	7692	14926	3144	7692	2539	7692	7692	7692	7692	4946	11510	7692	7692	102035	7692	7692	19892	7135	10240	7852	5684	7692	7692	7692	9405	5595	3423	7692	
080300	859	859	604	819	859	809	859	1188	859	859	424	382	3615	854	859	497	1009	859	859	5432	663	415	1074	679	859	384	362	1830	1307	859	5662	859	859	629	
080410	3030	4562	3030	3030	3030	3030	3030	3030	3030	3030	425	3030	3030	3030	3030	479	3030	3030	3030	3030	3030	3030	3030	2919	4834	1747	3030	3030	3184	3030	4507	3030	3030		
080420	3316	9627	2368	3879	3160	3160	3160	1091	3160	3160	1569	3160	3160	3160	3160	1379	3160	653	3160	3160	1375	2147	3160	5197	4042	1237	1285	3160	2775	3160	3160	3160	3160		
080430	253	253	222	115	253	379	253	184	253	253	112	108	174	102	253	253	253	253	253	966	253	305	518	253	253	253	253	111	253	253	123	253	78	268	
080440	1284	1284	1331	2722	1284	1284	1284	1302	1284	1284	658	840	1257	2221	1284	1284	3438	871	1284	2326	1832	1284	2325	1284	1284	947	1284	1284	1284	1284	1284	1284	1284	1284	
080450	1583	1583	1390	3156	1583	2909	1583	1369	1583	1583	645	1024	716	3804	1583	1913	2423	1583	1583	1904	1583	1525	2264	1630	1583	975	1583	1583	1583	1583	1555	1583	1583	2443	
080510	1186	1169	451	525	457	2419	457	342	457	457	490	629	529	741	457	602	1414	293	457	1415	279	364	1521	633	3023	296	359	267	705	457	1729	457	1221		
080520	578	1382	564	634	578	2952	578	508	578	578	712	578	578	578	578	763	1991	435	578	578	467	578	578	578	578	578	1054	709	376	222	506	578	578	259	578
080530	559	1204	257	465	559	2511	559	659	559	559	651	559	538	559	559	600	1500	313	559	1695	603	611	559	513	2739	551	364	559	656	559	2088	559	559	1476	
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[illegible]

Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia	
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Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia	
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Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia
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230640	875	2106	2163	2652	728	2540	1000	1250	1355	959	493	875	875	875	648	875	3541	755	613	875	875	1422	875	875	875	875	2768	529	875	765	875	875	752	875
230650	1217	1217	1217	1217	1217	1786	1217	761	1217	1217	358	755	1217	1122	1217	1217	1217	1217	1217	1234	1217	1079	991	1217	1217	1217	1217	1217	1217	1217	1653	1217	1217	1350
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520210	11098	18381	6168	2694	5203	3434	5203	3965	9414	5203	2026	3663	20497	6035	5203	4323	8674	5203	5203	10788	2190	11800	6358	6230	9853	2219	5203	5203	5203	4717	18234	3534	5203	5203
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530410	7468	7468	7468	7468	7468	7468	7468	7136	7468	7468	1224	7468	7468	7468	7468	7468	11084	7468	7468	7468	7468	7468	4393	7468	7468	7468	7468	7468	7468	7468	9589	7468	7468	7468
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Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia
020500	4327	11566	2461	5564	4742	4436	5594	5155	13958	4750	3487	4656	4748	4006	3933	4892	5155	3771	4384	5393	6651	4139	3928	5369	11257	11781	6844	3726	5606	5585	3905	5136	4480	4608
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010391	4658	13590	2512	5538	4029	4884	5029	4514	5215	4159	2066	5021	6522	3710	4124	5802	5011	4055	3973	3616	4532	4119	3687	7953	20149	12108	5978	4649	9048	7485	3616	5937	3807	4720
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050300	6732	17995	3830	8657	7377	6901	8703	8020	21716	7390	5426	7243	7388	6232	6119	7611	8020	5867	6820	8391	10348	6440	6111	8353	17514	18329	10648	5797	8722	8689	6075	7991	6970	7170
020319	6813	19844	3682	8097	5895	7142	7355	6603	7626	6086	3031	7343	9532	5429	6034	8481	7328	5933	5814	5293	6629	6026	5397	11620	29413	17681	8739	6800	13217	10938	5293	8679	5572	6903
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021012	6957	20254	3762	8267	6020	7293	7510	6743	7786	6215	3098	7498	9732	5545	6162	8659	7483	6059	5938	5406	6769	6155	5512	11863	30018	18047	8922	6944	13492	11166	5406	8861	5690	7049
021019	7109	20699	3844	8448	6152	7453	7674	6890	7957	6351	3166	7662	9945	5666	6297	8849	7646	6192	6067	5524	6917	6289	5632	12123	30677	18443	9117	7096	13788	11411	5524	9055	5815	7203
410611	7132	11477	2519	4486	3718	7472	4143	4876	13951	3679	4666	5031	8656	5706	3322	5535	7214	2984	3483	6191	6713	6052	5303	6515	14827	11168	4882	2999	7578	6172	5206	5515	4459	4828
410612	7132	11477	2519	4486	3718	7472	4143	4876	13951	3679	4666	5031	8656	5706	3322	5535	7214	2984	3483	6191	6713	6052	5303	6515	14827	11168	4882	2999	7578	6172	5206	5515	4459	4828
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410620	7132	11477	2519	4486	3718	7472	4143	4876	13951	3679	4666	5031	8656	5706	3322	5535	7214	2984	3483	6191	6713	6052	5303	6515	14827	11168	4882	2999	7578	6172	5206	5515	4459	4828
020622	7151	16611	2891	6224	5048																													

Product code (Appendix IV)	Afghanistan	Algeria	Argentina	Australia	Austria	Bangladesh	Belgium-Luxembourg	Brazil	Bulgaria	Canada	China	Colombia	Congo, DPR	Côte d'Ivoire	Denmark	Egypt	Ethiopia	France	Germany	Ghana	Greece	India	Indonesia	Iran	Iraq	Israel	Italy	Japan	Jordan	Kazakhstan	Kenya	Korea, DPR	Korea, Rep	Malaysia	
040630	8757	11941	2593	4544	3457	7748	3963	4969	14017	3438	4963	5637	10076	6881	3693	5817	7338	3155	3449	6291	6764	6793	5675	7390	18943	9271	4278	4032	7689	7452	5415	6297	4860	5295	
040640	8757	11941	2593	4544	3457	7748	3963	4969	14017	3438	4963	5637	10076	6881	3693	5817	7338	3155	3449	6291	6764	6793	5675	7390	18943	9271	4278	4032	7689	7452	5415	6297	4860	5295	
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010210	8812	20484	3556	7669	6218	9354	7407	7601	18812	6355	5626	7366	10531	6928	5265	7972	9816	5065	5677	8711	9391	7386	6639	9628	23116	20129	9489	4935	11531	8851	6571	7998	6384	7034	
010290	8812	20484	3556	7669	6218	9354	7407	7601	18812	6355	5626	7366	10531	6928	5265	7972	9816	5065	5677	8711	9391	7386	6639	9628	23116	20129	9489	4935	11531	8851	6571	7998	6384	7034	
010600	8812	20484	3556	7669	6218	9354	7407	7601	18812	6355	5626	7366	10531	6928	5265	7972	9816	5065	5677	8711	9391	7386	6639	9628	23116	20129	9489	4935	11531	8851	6571	7998	6384	7034	
040700	9804	7983	2010	1844	1443	6023	1613	3337	4992	1496	3550	3696	10663	7340	1569	3641	6805	1495	1517	6150	3737	7531	5400	5790	14352	4189	1389	1884	4432	6408	4929	4799	3424	3626	
020900	10066	9346	2362	2914	2283	6189	2550	3913	5849	2366	3652	4333	10947	7539	2481	4269	6991	2365	2399	6319	4381	7736	5549	6783	16794	4911	2198	2977	5194	7505	5066	5623	4016	4251	
160231	10066	9346	2362	2914	2283	6189	2550	3913	5849	2366	3652	4333	10947	7539	2481	4269	6991	2365	2399	6319	4381	7736	5549	6783	16794	4911	2198	2977	5194	7505	5066	5623	4016	4251	
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410121	10530	24444	4264	9167	7437	11175	8855	9086	22451	7600	6732	8806	12579	8283	6301	9528	11727	6063	6792	10409	11219	8830	7939	11502	27582	24021	11337	5907	13772	10575	7858	9559	7636	8410	
410122	10530	24444	4264	9167	7437	11175	8855	9086	22451	7600	6732	8806	12579	8283	6301	9528	11727	6063	6792	10409	11219	8830	7939	11502	27582	24021	11337	5907	13772	10575	7858	9559	7636	8410	
410129	10530	24444	4264	9167	7437	11175	8855	9086	22451	7600	6732	8806	12579	8283	6301	9528	11727	6063	6792	10409	11219	8830	7939	11502	27582	24021	11337	5907	13772	10575	7858	9559	7636	8410	
040899	10895	8871	2235	2050	1605	6693	1793	3708	5548	1663	3945	4808	11849	8156	1744	4047	7562	1663	1687	8345	4153	8369	6001	6435	15947	4656	1544	2094	9272	10675	7121	5478	5333	3806	4030
020110	13956	32419	5642	12148	9851	14812	11733	12040	29775	10069	8916	11668	16675	10975	8345	12627	15544	8029	8996	13795	14871	11700	10519	15246	36584	31858	15027	7822	18258	14017	10411	12668	10115	11144	
020120	13956	32419	5642	12148	9851	14812	11733	12040	29775	10069	8916	11668	16675	10975	8345	12627	15544	8029	8996	13795	14871	11700	10519	15246	36584	31858	15027	7822	18258	14017	10411	12668	10115	11144	
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020890	14634	33993	5916	12737	10330	15531	12303	12625	31220	10557	9349	12235	17485	11508	8750	13240	16299	8418	9433	14465	15593	12268	11029	15986	38360	33404	15756	8202	19144	14697	10916	13283	10606	11685	
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410421	21100	48927	8568	18374	14913	22390	17750	18212	44942	15240	13503	17652	25198	16607	12642	19097	23493	12166	13625	20857	22478	17700	15919	23044	55205	48082	22714	11854	27583	21191	15757	19158	15311	16861	
410422	21100	48927	8568	18374	14913	22390	17750	18212	44942	15240	13503	17652	25198	16607	12642	19097	23493	12166	13625	20857	22478	17700	15919	23044	55205	48082	22714	11854	27583	21191	15757	19158	15311	16861	
410429	21100	48927	8568	18374	14913	22390	17750	18212	44942	15240	13503	17652	25198	16607	12642	19097	23493	12166	13625	20857	22478	17700	15919	23044	55205	48082	22714	11854	27583	21191	15757	19158	15311	16861	
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410800	21100	48927	8568	18374	14913	22390	17750	18212	44942	15240	13503	17652	25198	16607	12642	19097	23493	12166	13625	20857	22478	17700	15919	23044	55205	48082	22714	11854	27583	21191	15757	19158	15311	16861	
410900	21100	48927	8568	18374	14913	22390	17750	18212	44942	15240	13503	17652	25198	16607	12642																				

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
Crop products																																
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070200	183	92	184	184	8	934	10	512	133	534	257	48	317	302	384	153	53	740	711	12	29	498	253	170	745	453	8	70	229	261	184	184
070310	114	135	214	214	214	217	94	214	214	2430	214	55	214	214	214	214	67	214	214	214	68	214	214	638	214	214	311	214	214	214	214	214
070320	839	979	1692	872	29	518	518	642	897	2425	518	527	853	450	518	518	446	518	680	518	518	1164	1384	888	3184	994	518	259	996	1121	518	518
070390	188	200	200	200	72	200	218	200	231	200	200	200	200	200	200	200	49	326	200	200	200	200	200	284	200	200	162	200	815	200	200	200
070410	205	87	159	159	174	159	179	106	237	159	182	49	159	429	159	221	56	159	159	172	210	159	435	341	159	502	205	229	159	182	121	159
070420	205	87	159	159	174	159	179	106	237	159	182	49	159	429	159	221	56	159	159	172	210	159	435	341	159	502	205	229	159	182	121	159
070490	145	254	211	211	106	211	82	254	340	381	95	223	200	166	211	226	167	422	211	82	171	211	425	304	1230	308	101	195	154	191	184	211
070511	119	133	133	133	62	133	104	1285	210	133	133	41	321	133	133	355	36	133	133	105	104	133	185	231	133	191	87	87	523	159	133	133
070519	119	133	133	133	62	133	104	1285	210	133	133	41	321	133	133	355	36	133	133	105	104	133	185	231	133	191	87	87	523	159	133	133
070610	152	323	131	131	75	734	27	148	196	131	47	158	131	30	710	232	109	426	131	26	42	131	131	149	226	115	23	54	111	164	131	131
070690	125	416	416	442	416	416	416	239	392	567	416	416	416	416	416	416	119	416	416	416	416	416	416	416	416	416	416	416	416	189	416	416
070700	128	133	242	242	5	242	20	187	226	677	242	144	218	287	201	445	64	382	242	63	29	242	343	202	1444	415	6	237	668	248	242	242
070810	559	917	343	343	188	343	393	258	977	879	2129	300	855	664	343	843	372	343	343	602	398	343	1558	810	343	1646	217	339	2392	343	343	343
070820	268	231	359	359	213	359	260	172	853	428	120	182	230	359	359	699	155	474	359	359	233	359	520	489	359	406	165	469	747	359	359	359
070890	173	173	173	173	173	173	173	173	173	173	110	173	346	173	173	173	178	173	173	173	173	173	173	288	173	173	173	173	173	173	173	173
070910	887	981	855	855	855	855	855	855	929	855	855	855	855	855	855	855	656	855	855	855	855	855	855	900	855	855	855	567	1150	855	855	855
070920	2677	3878	1473	1473	700	1473	1473	1473	846	1502	230	1473	1473	1473	1473	1473	2184	1473	1473	1473	1473	1473	2387	2263	1473	1473	1806	1922	1473	1473	1473	1473
070930	112	384	208	208	8	208	208	227	208	345	208	221	208	208	912	208	152	594	251	208	208	208	651	238	208	733	208	139	408	352	208	208
070940	152	323	131	131	75	734	27	148	196	131	47	158	131	30	710	232	109	426	131	26	42	131	131	149	226	115	23	54	111	164	131	131
070960	283	98	323	3866	13	770	323	323	547	911	323	264	394	323	323	323	38	1624	1061	323	323	323	310	313	323	551	14	151	566	329	323	323
070970	214	144	144	144	64	144	144	165	237	144	144	52	144	144	144	144	57	144	144	144	112	144	144	234	144	144	103	144	144	144	144	144
070990	447	186	278	169	277	1016	110	185	290	399	184	71	289	197	259	455	81	467	936	166	94	641	612	392	779	341	201	78	1410	253	225	273
071010	407	650	886	597	155	2946	232	779	699	669	407	575	610	658	955	339	403	874	2159	235	174	1112	815	486	3178	814	147	212	1124	591	647	510
071021	798	1310	490	490	269	490	562	369	1395	1255	3042	428	1221	949	490	1205	532	490	490	860	568	490	2225	1158	490	2351	310	485	3417	490	490	490
071022	383	329	513	513	304	513	372	246	1219	611	171	260	329	513	513	998	221	678	513	513	334	513	743	699	513	580	236	671	1067	513	513	513
071029	230	230	230	230	230	230	230	230	230	230	147	230	461	230	230	230	238	230	230	230	230	230	230	384	230	230	230	230	230	230	230	230
071030	612	412	412	412	183	412	412	472	677	412	412	412	412	412	412	163	412	412	412	412	412	412	412	668	412	412	294	412	412	412	412	412
071040	4984	36128	4675	4239	1165	8633	2598	9704	3992	5437	1610	2620	3632	3991	20435	4596	1847	11061	26539	2598	915	8004	2726	4374	31152	3892	2598	1396	6744	3534	3589	2598
071080	638	266	397	242	396	1452	157	265	414	570	263	101	413	282	371	650	115	667	1337	237	134	916	875	560	1112	487	287	111	2015	362	321	390
071090	447	186	278	169	277	1016	110	185	290	399	184	71	289	197	259	455	81	467	936	166	94	641	612	392	779	341	201	78	1410	253	225	273
071110	580	296	834	364	81	752	364	443	277	858	217	134	497	298	485	519	87	986	1800	112	364	2417	583	343	1262	601	88	114	327	364	1912	364
071120	3166	9409	4393	4393	4393	4393	4393	4393	4393	4393	4393	8109	4393	4393	4393	4393	3295	4393	4393	4393	4393	4393	4393	4393	4393	4393	4393	4393	777	10214	4393	4393
071140	135	140	255	255	5	255	21	197	238	713	254	152	230	303	212	468	67	402	255	66	31	255	361	213	1520	437	6	249	703	261	255	255
071190	470	196	293	178	292	1070	115	195	305	420	193	74	304	208	273	479	85	492	986	174	99	675	644	413	820	359	211	82	1485	267	237	287
071220	551	281	792	346	77	714	346	421	263	815	206	127	472	283	460	493	82	937	1710	107	346	2296	554	326	1199	571	83	108	311	346	1816	346
071290	1276	533	794	483	792	2903	313	529	828	1140	525	202	826	564	741	1300	231	1335	2675	473	269	1832	1749	1120	2224	974	573	223	4029	724	643	779
071310	3665	10341	3197	1502	513	1502	1502	8599	2477	1502	1230	1502	1901	1681	1502	2633	3088	1502	1502	968	598	7275	1502	1921	3652	1932	557	1236	7118	3164	1502	1502
071320	1588	4869	2311	2083	3230	3230	3230	6491	943	3230	3230	2926	3230	1437	3230	3230	3584	3230	2266	3230	3230	5244	3230	3292	3230	3230	3230	3230	7580	3230	3230	3230
071331	2601	6361	3929	1664	3929	12407	3929	1954	2155	3638	1209	3929	3501	3317	4765	3929	6849	3929	6458	3929	7682	3639	4542	3929	3929	3929	607	3929	3929	3124	3929	
071332	5627	9742	2999	3271	685	4253	4253	9941	2764	3394	1173	7599	1722	1891	4253	1924	4786	3626	2454	1433	4253	4402	3215	3186	4253	1618	4253	1480	4253	3822	3614	4253
071333	5627	9742	2999	3271	685	4253	4253	9941	2764	3394	1173	7599	1722	1891	4253	1924	4786	3626	2454	1433	4253	4402	3215	3186	4253	1618	4253	1480	4253	3822	3614	4253
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Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Nonway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average	
071490	1792	1792	1792	411	1792	9662	1792	24232	1792	768	1792	1792	1792	1792	1792	1792	1792	1486	1792	1792	1792	1792	1836	1792	1792	1792	1792	88	1792	1792	1792	1792	
080211	5427	22054	9769	7763	9769	9769	9769	3111	9769	9769	9769	19401	9769	9769	9769	9769	19805	9769	9769	9769	9769	9769	9769	3971	16231	8805	9769	2163	8365	9769	9769	9769	
080212	10855	44107	19537	15525	19537	19537	19537	6222	19537	19537	19537	38802	19537	19537	19537	39611	19537	19537	19537	19537	19537	19537	19537	7943	32462	17609	19537	4326	16731	19537	19537	19537	
080221	6876	6876	6876	6876	6876	6876	6876	6876	6876	6876	6876	9665	6876	2922	6876	6876	13253	6876	6876	6876	6876	6876	6876	7043	6876	5373	6876	2765	11382	6876	6876	6876	
080222	13751	13751	13751	13751	13751	13751	13751	13751	13751	13751	13751	19329	13751	5844	13751	13751	26507	13751	13751	13751	13751	13751	13751	14085	13751	10747	13751	5531	22764	13751	13751	13751	
080231	5598	8199	4235	4235	4235	4235	4235	1469	2360	4235	4235	6178	467	6103	4235	4235	2830	4235	4235	4235	4235	4235	4235	5453	4235	3525	4235	2437	6411	4235	4235	4235	
080232	10562	15470	7990	7990	7990	7990	7990	2771	4453	7990	7990	11656	881	11516	7990	7990	5340	7990	7990	7990	7990	4504	7990	7990	10289	7990	6650	7990	4598	12096	7990	7990	7990
080240	3094	3094	3094	3094	3094	3094	3094	3094	3955	3094	3094	8568	742	1503	3094	3094	7022	3094	3094	3094	3094	3094	3094	7599	3094	6620	3094	3094	3094	3094	3094	3094	
080250	25496	10864	10864	10864	10864	10864	10864	7521	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	10864	7159	10864	10864	10864	2405	11410	10864	10864	10864	
080290	9853	7692	7692	7692	7692	7540	7692	8000	5682	10381	7692	10682	7692	941	7692	4815	4208	7692	7692	7692	7692	7692	11810	10027	7517	5993	6438	7692	2834	4277	7692	6046	7692
080300	599	470	859	859	859	859	859	4134	859	1043	859	384	859	859	859	1139	266	859	739	859	859	5731	1144	395	859	859	859	859	437	859	845	911	859
080410	3228	7411	3030	3030	3030	3030	3030	1825	3837	3030	3030	3030	3030	3030	4173	3030	748	3030	2106	3030	3030	3030	3030	3999	3030	3030	3030	689	3030	3030	3030	3030	
080420	2712	5922	3160	3160	3160	3160	3160	2146	1160	3160	3160	34543	3160	3160	3160	3883	2342	3160	3160	3160	3160	3160	3160	1740	3160	3160	3160	678	828	3160	3160	3160	
080430	116	253	253	253	253	829	253	253	266	113	253	261	253	253	253	233	253	540	2160	253	253	532	219	253	253	253	253	253	72	253	586	506	253
080440	1093	1088	1284	1284	1284	1284	1284	1284	876	1186	1284	5615	1284	1284	1284	1691	1133	1284	1284	1284	1284	1284	1284	2252	1284	1284	1284	889	1284	1656	1284	1284	
080450	1367	1987	1583	1583	1583	2838	1583	1498	828	1520	1583	1583	1583	1583	1583	1340	1583	4210	1073	1583	1583	1235	2373	1583	1583	1583	1583	1553	1583	929	2424	1583	
080510	772	533	457	711	457	457	457	1067	635	1318	457	556	457	457	457	439	362	7334	2031	457	457	457	501	272	457	457	457	149	457	617	1207	457	
080520	713	509	578	578	578	578	578	1079	436	1893	578	640	578	578	578	417	405	758	3697	578	578	578	501	395	578	578	578	185	1385	673	578	578	
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080540	441	506	356	356	356	356	356	356	682	1062	356	642	356	356	356	393	248	356	999	356	356	356	4918	193	356	356	356	137	828	931	694	356	
080590	1581	989	1875	1875	1875	2534	1875	1875	459	1875	1875	1875	1875	1875	2163	1875	390	1875	1875	1875	1875	1615	2334	639	1875	1875	1875	140	828	1875	1875	1875	
080610	601	1463	655	655	1176	655	655	1587	534	7353	655	1569	882	787	1078	513	1338	655	655	655	655	313	1163	356	944	1368	1221	1453	250	1548	439	655	655
080620	2404	5851	2618	2618	4706	2618	2618	6349	2135	29410	2618	6275	3529	3150	4312	2051	5350	2618	2618	2618	1253	4651	1423	3778	5473	4884	5812	1000	6190	1755	2618	2618	
080720	308	662	662	662	662	1503	662	1446	668	749	662	662	662	662	662	1271	662	662	662	662	662	662	831	662	662	662	662	221	662	616	662	662	
080810	1540	1064	697	1038	141	697	606	1404	688	697	443	742	993	1133	697	498	501	697	697	422	97	697	697	419	7354	2089	255	252	2482	697	697	697	
080820	1705	1182	727	727	205	727	778	1054	1033	727	1254	723	561	1260	727	589	533	727	727	639	47	727	727	942	727	907	346	196	3813	727	727	727	
080910	2141	1380	1391	1391	1391	1391	1391	1051	1979	1391	1391	1128	908	1304	1391	1043	1474	1391	1391	1391	588	1391	1391	1223	2570	999	1391	552	2712	1391	1391	1391	
080920	1479	2611	1543	1543	6025	1543	1451	6739	1678	1543	1551	4009	884	1389	1543	2841	2989	1543	1543	1610	1172	1543	1543	999	1543	1874	2244	825	2751	1543	1543	1543	
080930	3165	1127	1194	1194	1194	1194	1194	1661	1251	1194	1194	1116	1546	1409	1194	1290	659	1194	1194	1194	342	1194	1194	564	6122	3914	1194	372	2515	1219	1194	1194	
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081010	364	196	276	276	138	276	415	276	580	276	876	3175	393	183	276	987	190	276	276	696	151	276	276	450	276	832	229	90	1953	538	276	276	
081020	1096	2605	713	713	378	713	455	713	713	713	926	713	282	347	713	713	1715	713	713	3175	386	713	713	713	713	1153	527	566	713	713	713	713	
081030	369	369	369	369	522	369	528	369	369	369	447	369	151	216	369	369	369	369	369	1937	249	369	369	369	369	680	331	369	1293	369	369	369	
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081110	383	207	290	290	145	290	437	290	611	290	922	3342	413	193	290	1039	200	290	290	732	159	290	290	474	290	876	241	94	2056	566	290	290	
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081210	1557	2748	1625	1625	6342	1625	1527	7093	1766	1625	1633	4220	931	1462	1625	2991	3146	1625	1625	1695	1234	1625	1625	1052	1625	1973	2363	869	2896	1625	1625	1625	
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081320	6535	4747	4607	4607	1309	4607	3804	3948	3722	4607	4024	3225	3552	4582	4607	4262	3368	4607	4607	3157	6833	4607	4607	2558	8119	4627	1480	1424	5772	4607	4607	4607	
081330	12835	8871</																															

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
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090411	2351	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	4921	7536	4921	4921	4921	4921	1615	4921	4921	4921	4921	4921	11039	4921	2089	4921
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090420	8222	1337	22420	9772	10601	10466	10601	9615	6440	10601	10601	10601	7211	10601	10601	10914	3869	10601	22487	10601	10601	10919	8088	4283	10601	10601	10601	10601	6824	10601	6810	10601
090500	66098	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949	96949
090610	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083
090620	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083	18083
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090820	108582	108582	108582	51719	108582	108582	108582	108582	108582	108582	108582	108582	108582	108582	108582	108582	108582	109632	108582	108582	108582	118001	108582	108582	108582	108582	108582	108582	108582	108582	108582	108582
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100110	1066	4596	2656	1888	619	1979	797	3286	2278	1334	503	2126	759	2375	1989	1366	1227	1334	3101	780	748	2526	5084	1531	1909	720	501	849	1364	9410	1334	1334
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100400	2243	7668	1597	1597	817	1597	846	1597	2746	1597	687	2864	1316	1744	1597	2489	1751	1597	1597	1187	788	1597	1597	1587	1597	1035	622	1024	1597	1597	1597	1597
100590	1744	12645	1636	1484	408	3022	909	3396	1397	1903	563	917	1271	1397	7152	1609	646	3871	9288	909	320	2801	954	1531	10903	1362	909	489	2360	1237	1256	909
100610	2182	2659	2686	2766	2291	7036	2291	4060	1387	3122	2291	1632	3480	2401	2291	4035	1485	3168	15022	2291	2291	7171	3780	2059	16089	2637	2291	1275	6913	2102	2255	2291
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100630	3148	3837	3876	3991	3305	10153	3305	5858	2002	4504	3305	2355	5022	3464	3305	5823	2143	4525	21676	3305	3305	10348	5455	2970	23216	3805	3305	1840	9975	3033	3254	3305
100640	3257	3968	4009	4128	3419	10501	3419	6059	2071	4659	3419	2436	5194	3583	3419	6023	2217	4729	22421	3419	3419	10704	5642	3072	24013	3936	3419	1903	10318	3137	3366	3419
100700	1212	6946	2853	2853	2853	2950	2853	8925	793	2853	2853	2853	2218	2382	5988	1189	721	4878	9071	2853	2853	3419	1807	2853	2853	3589	2853	782	1900	1508	2853	2853
100810	2360	2360	2360	2360	2360	2360	2360	2360	2360	2360	2006	2360	2360	3641	2360	7034	2360	2360	2360	2360	2360	2360	2360	2360	2360	3961	2360	2850	2360	2360	2360	2360
100820	4534	4043	3188	1875	4596	2568	4596	9300	4596	4596	4596	4596	4511	2892	7496	4509	1383	4327	20198	4596	4596	2896	2895	4596	3181	4596	3207	4596	2143	2469	4596	4596
100830	5253	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	2519	4343	2519	2519	2519	2519	8525	4022	2519	2519	2519	2519	2519	2519	2519	2519
100890	3261	2580	5603	3261	3261	3261	3261	3261	2506	3261	3261	3261	1377	2834	3261	3261	3261	3261	3261	3261	3261	3261	959	3261	3261	1933	3261	11736	3261	3261	3261	3261
110100	1198	5169	2987	2123	696	2226	896	3695	2562	1500	566	2391	853	2671	2237	1536	1380	1500	3487	877	841	2841	5718	1721	2147	810	563	954	1535	10584	1500	1500
110210	1127	7388	1127	1127	433	1127	1190	1127	4413	1127	126	6310	294	3153	1127	75971	3892	1127	1127	1129	859	1127	712	1127	712	1127	196	858	415	467	1127	1127
110220	1799	13038	1687	1530	421	3116	938	3502	1441	1962	581	946	1311	1440	7375	1659	666	3992	9577	938	330	2888	984	1578	11242	1405	938	504	2434	1276	1295	938
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110311	660	2847	1645	1169	383	1226	494	2035	1411	826	312	1316	470	1471	1232	846	760	826	1920	483	463	1565	3149	948	1182	446	310	526	845	5828	826	826
110312	1827	6246	1301	1301	665	1301	689	1301	2237	1301	560	2333	1072	2235	1301	2027	1426	1301	1301	967	642	1301	1301	1293	1301	843	507	834	1301	1301	1301	1301
110313	1443	10461	1354	1227	337	2500	752	2810	1156	15																						

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
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110520	739	1182	1611	1086	283	5356	422	1416	1271	1216	740	1045	1109	1197	1736	617	734	1588	3926	428	316	2021	1482	883	5779	1481	268	385	2044	1075	1176	927
110610	7815	13531	4165	4544	951	5907	5907	13807	3839	4714	1630	10555	2392	2626	5907	2673	6648	5036	3408	1990	5907	6114	4465	4425	5907	2247	5907	2055	5907	5309	5020	5907
110620	502	1665	1665	1768	1665	1665	1665	956	1569	2269	1665	1665	1665	1665	1665	1665	477	1665	1665	1665	1665	1665	1091	1665	1665	1665	1665	1665	1665	757	1665	1665
110710	2905	9464	1901	3656	984	1901	1284	9200	3291	1901	758	2925	1038	3231	2227	2661	1465	1901	1901	1499	944	2247	1918	1863	14420	1224	890	961	5181	1901	1901	1901
110720	3631	11830	2376	4570	1229	2376	1605	11501	4113	2376	947	3656	1297	4039	2783	3326	1832	2376	2376	1874	1180	2809	2397	2329	18025	1531	1113	1202	6476	2376	2376	2376
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110812	2398	17385	2249	2040	561	4154	1250	4670	1921	2616	775	1261	1748	1921	9833	2211	889	5322	12770	1250	440	3851	1312	2105	14990	1873	1250	672	3245	1701	1727	1250
110813	1070	1711	2332	1572	409	7752	611	2050	1840	1760	1071	1512	1606	1732	2512	893	1062	2299	5683	619	457	2925	2145	1278	8364	2143	388	557	2959	1555	1703	1342
110814	2499	2420	2003	2420	2420	2647	2420	2420	1881	2915	2420	2420	2420	2420	2420	2420	2420	3392	25425	2420	2420	2569	1547	2420	2420	2420	2420	2420	2420	2172	2585	2420
110900	2910	12555	7255	5157	1691	5407	2177	8975	6222	3643	1374	5806	2072	6486	5433	3731	3351	3643	8470	2129	2043	6901	13887	4181	5214	1967	1367	2318	3727	25704	3643	3643
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120210	2811	3310	3125	3145	3145	5779	3145	4813	2077	3439	3145	1648	3145	3145	2485	2859	1222	7120	9938	3145	3145	6136	2773	2002	3145	3145	3145	1150	5126	3694	1961	3145
120220	4016	4728	4464	4493	4493	8256	4493	6875	2967	4913	4493	2354	4493	4493	3550	4084	1746	10172	14197	4493	4493	8765	3962	2860	4493	4493	4493	1643	5281	2820	2801	4493
120300	1522	1982	1208	3808	1982	2893	1982	2985	655	2361	1982	1982	1982	1982	1982	1982	1982	2329	1982	1982	1982	8257	2411	1982	1982	1982	1982	1982	1982	2059	1339	1982
120300a	913	1189	725	2285	1189	1736	1189	1791	393	1417	1189	1189	1189	1189	1189	1189	1189	1398	1189	1189	1189	4954	1447	1189	1189	1189	1189	1189	1189	1235	803	1189
120400	886	4420	4420	6624	3060	4420	4420	11904	4229	4420	5220	4420	3468	5676	4420	4420	7510	4420	4420	3701	4420	4420	4420	10398	4420	18526	2019	3204	23368	4420	4420	4420
120500	2477	5607	1611	1611	1182	1611	1374	2519	1611	1611	266	1611	718	3265	1611	1611	3284	1611	1611	1459	1032	1611	1611	950	1611	664	876	784	1656	1611	1611	1611
120600	3793	3816	5829	3069	3069	3069	3069	1892	3069	3069	3069	2434	3420	3496	3069	4356	1367	3069	12755	3069	965	10522	3069	3833	3069	3664	3069	2532	3783	4267	3069	3069
120710	1507	1176	1176	1176	1176	6509	1176	1176	611	917	1176	1176	1176	1176	1176	1176	1176	1176	1176	1176	1176	965	871	1176	1176	1176	1176	1176	1176	1153	1176	1176
120710a	1349	1053	1053	1053	1053	5825	1053	1053	547	821	1053	1053	1053	1053	1053	1053	1053	1053	1053	1053	1053	864	779	1053	1053	1053	1053	1053	1053	1031	1053	1053
120720	703	987	2876	2462	1205	2869	1205	1518	1062	1936	1205	1205	2882	1205	1205	1802	438	1205	2749	1205	1205	4032	1276	767	1689	1205	1205	838	1217	1771	1616	1205
120720a	2127	2985	8698	7445	3644	8676	3644	4590	3213	5855	3644	3644	8715	3644	3644	5449	1325	3644	8315	3644	3644	12193	3858	2320	5107	3644	3644	2535	3682	5355	4886	3644
120720b	4812	6752	19675	16841	8242	19624	8242	10382	7267	13243	8242	8242	19714	8242	8242	12325	2997	8242	18908	8242	8242	27581	8727	5247	11552	8242	8242	5733	8328	12113	11052	8242
120730	22922	22840	10500	10500	10500	10500	10500	19648	10500	12788	10500	10500	14032	4555	10500	21154	10500	10500	35730	10500	10500	18103	19784	10500	10500	14193	10500	10500	10500	10500	11338	10500
120740	6321	7822	7268	8888	8888	6316	8888	10404	2170	8888	8888	8888	8888	8888	8404	8888	8888	6049	31805	8888	8888	7974	4543	9449	8888	8888	8888	8888	8462	5047	6052	8888
120750	747	1575	2608	1724	1575	1575	1575	1575	1575	1575	1575	1575	2528	2384	1575	1575	1575	2320	1575	1575	1575	1575	1575	1575	1575	1575	620	1575	1628	1575	1575	1575
120760	3558	5567	5567	5567	5567	5567	5567	6305	5567	5567	5567	5567	5567	5073	5567	5567	1693	5567	5567	5567	5567	5567	5567	6321	5567	5567	5567	2119	7431	5567	5567	5567
120791	1741	1741	1741	1741	386	1741	1741	1741	1741	1741	1741	1741	1069	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	3251	1741	1741	1741	1741	1741	1741	1741	1741
120799	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	4625	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	4502	2049	2049	1511	2049	2049
120810	3738	9166	3035	4756	2104	6879	2104	6573	1917	2073	2104	2104	3574	4628	2104	3235	3193	3844	2104	2104	1342	8641	2316	3154	2104	5027	2104	2199	2104	1261	1812	2104
120890	2562	2562	2562	2562	2562	2562	2562	2562	2562	8883	4508	2562	2562	2562	2562	5781	2562	2562	2562	2562	2562	2562	2562	2562	2562	2562	2562	2562	6389	2562	2562	2562
121010	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	3026	3366	6309	8599	2736	4979	3741	2736	2736	2736	1537	2736	2736	2736	2736	16574	2076	2223	2736	2736	2736	2736
121020	2736	2736	2736	2736	2736	2736	2736	2736	2736	2736	3026	3366	6309	8599	2736	4979	3741	2736	2736	2736	1537	2736	2736	2736	2736	16574	2076	2223	2736	2736	2736	2736
121230	1881	1653	1881	1881	1881	1881	1881	1881	1881	1881	918	2812	1881	1881	1881	1881	1881	1881	1881	1881	1881	1881	1881	2105	1881	1881	1881	1881	1881	1881	1881	1881
121291	113	151	113	113	65	113	113	334	113	113	84	107	190	189	113	113	113	113	113	83	52	113	113	154	113	218	56	84	546	467	113	113
121292	171	184	223	213	175	484	175	339	82	148	175	118	175	175	197	133	234	257	175	175	132	195	175	175	175	175	103	175	215	201	175	175
121299	447	186	278	169	277	1016	110	185	290	399	184	71	289	197	259	455	81	467	936	166	94	641	612	392	779	341	201	78	1410	253	225	273
121410	47	134	134	134	75	134	134	134	81	134	134	134	164	134	336	206	27	134	134	134	134	134	134	135	134	134	134	124	134	134	134	134
121490	231	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
130213	10943	10943	10943	10943	10943	10943	10943	10943	10943	10943	12103	13465	25236	34398	10943	19917	14964	10943	10943	10943	6146	10943	10943</									

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
151221	2169	3043	8868	7591	3715	8845	3715	4680	3275	5969	3715	3715	8886	3715	3715	5555	1351	3715	8477	3715	3715	12432	3934	2365	5207	3715	3715	2584	3754	5460	4982	3715
151229	2169	3043	8868	7591	3715	8845	3715	4680	3275	5969	3715	3715	8886	3715	3715	5555	1351	3715	8477	3715	3715	12432	3934	2365	5207	3715	3715	2584	3754	5460	4982	3715
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151319	2698	3514	2142	6750	3514	5128	3514	5292	1162	4185	3514	3514	3514	3514	3514	3514	3514	4129	3514	3514	3514	14636	4274	3514	3514	3514	3514	3514	3514	3649	2373	3514
151321	1377	1074	1074	1074	1074	5946	1074	1074	559	838	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	882	795	1074	1074	1074	1074	1074	1074	1053	1074	1074
151329	1405	1096	1096	1096	1096	6067	1096	1096	570	855	1096	1096	1096	1096	1096	1096	1096	1096	1096	1096	1096	900	812	1096	1096	1096	1096	1096	1096	1096	1074	1096
151410	4394	9945	2857	2857	2096	2857	2437	4468	2857	2857	472	2857	1274	5791	2857	2857	5826	2857	2857	2587	1831	2857	2857	1685	2857	1177	1555	1391	2937	2857	2857	2857
151490	4483	10148	2915	2915	2139	2915	2486	4560	2915	2915	481	2915	1300	5909	2915	2915	5945	2915	2915	2640	1868	2915	2915	1719	2915	1201	1586	1419	2997	2915	2915	2915
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151519	1563	7800	7800	11688	5399	7800	7800	21004	7461	7800	9210	7800	6120	10016	7800	7800	13252	7800	7800	6531	7800	7800	7800	18347	7800	32688	3562	5653	41232	7800	7800	7800
151521	3692	26758	3462	3139	863	6394	1924	7187	2957	4027	1192	1941	2690	2956	15135	3404	1368	8192	19656	1924	678	5928	2019	3239	23072	2883	1924	1034	4995	2618	2658	1924
151529	3767	27304	3533	3203	881	6525	1963	7334	3017	4109	1216	1980	2745	3017	15444	3473	1396	8359	20057	1963	692	6049	2060	3306	23543	2942	1963	1055	5097	2671	2712	1963
151530	57304	57100	26250	26250	26250	26250	26250	49121	26250	31969	26250	26250	35081	11387	26250	52886	26250	26250	89326	26250	26250	45259	49459	26250	35482	26250	26250	26250	26250	26250	26250	26250
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151560	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344	12344
170111	1399	1504	1817	1740	1427	3949	1427	2763	672	1208	1427	960	1427	1427	1427	1607	1089	1913	2095	1427	1427	1074	1595	1427	1427	1427	1427	838	1427	1752	1643	1427
170112	809	1080	809	809	465	809	809	2382	809	809	603	761	1359	1352	809	809	807	809	809	593	375	809	809	1103	809	1560	400	599	3897	3339	809	809
170191	1496	1609	1943	1861	1526	4223	1526	2956	719	1292	1526	1027	1526	1526	1526	1719	1165	2046	2240	1526	1526	1148	1706	1526	1526	1526	1526	896	1526	1874	1757	1526
170199	1496	1609	1943	1861	1526	4223	1526	2956	719	1292	1526	1027	1526	1526	1526	1719	1165	2046	2240	1526	1526	1148	1706	1526	1526	1526	1526	896	1526	1874	1757	1526
170220	1496	1609	1943	1861	1526	4223	1526	2956	719	1292	1526	1027	1526	1526	1526	1719	1165	2046	2240	1526	1526	1148	1706	1526	1526	1526	1526	896	1526	1874	1757	1526
170230	1496	1609	1943	1861	1526	4223	1526	2956	719	1292	1526	1027	1526	1526	1526	1719	1165	2046	2240	1526	1526	1148	1706	1526	1526	1526	1526	896	1526	1874	1757	1526
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170260	1496	1609	1943	1861	1526	4223	1526	2956	719	1292	1526	1027	1526	1526	1526	1719	1165	2046	2240	1526	1526	1148	1706	1526	1526	1526	1526	896	1526	1874	1757	1526
170290	8578	8578	4933	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578	8578
170310	351	377	455	436	358	989	358	692	168	303	358	241	358	358	358	403	273	479	525	358	358	269	400	358	358	358	358	210	358	439	412	358
170390	351	377	455	436	358	989	358	692	168	303	358	241	358	358	358	403	273	479	525	358	358	269	400	358	358	358	358	210	358	439	412	358
180100	26126	27218	27218	27218	27218	40235	27218	27218	16865	20088	27218	27218	27218	27218	27218	27218	27218	20435	27218	27218	27218	19267	24980	27218	27218	27218	27218	27218	27218	44886	27218	27218
180200	2924	3046	3046	3046	3046	4503	3046	3046	1887	2248	3046	3046	3046	3046	3046	3046	3046	2287	3046	3046	3046	2156	2796	3046	3046	3046	3046	3046	3046	5023	3046	3046
180310	31927	33261	33261	33261	33261	49168	33261	33261	20609	24548	33261	33261	33261	33261	33261	33261	33261	24972	33261	33261	33261	23545	30526	33261	33261	33261	33261	33261	33261	54852	33261	33261
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180400	48693	50728	50728	50728	50728	74987	50728	50728	31431	37439	50728	50728	50728	50728	50728	50728	50728	38086	50728	50728	50728	35909	46556	50728	50728	50728	50728	50728	50728	83656	50728	50728
180500	17059	17772	17772	17772	17772	26272	17772	17772	11012	13117	17772	17772	17772	17772	17772	17772	17772	13343	17772	17772	17772	12580	16311	17772	17772	17772	17772	17772	17772	29309	17772	17772
180610	17059	17772	17772	17772	17772	26272	17772	17772	11012	13117	17772	17772	17772	17772	17772	17772	17772	13343	17772	17772	17772	12580	16311	17772	17772	17772	17772	17772	17772	29309	17772	17772
200911	1404	969	830	1292	830	830	830	1939	1155	2396	830	1011	830	830	830	797	658	13335	3693	830	830	830	911	494	830	830	830	272	830	1123	2195	830
200919	1404	969	830	1292	830	830	830	1939	1155	2396	830	1011	830	830	830	797	658	13335	3693	830	830	830	911	494	830	830	830	272	830	1123	2195	830
200920	801	1950	873	873	1569	873	873	2116	712	9803	873	2092	1176	1050	1437	684	1783	873	873	873	418	1550	474	1259	1824	1628	1937	333	2063	585	873	873
200930	1908	1193	2262	2262	2262	3057	2262	2262	553	2262	2262	2262	2262	2609	2262	470	2262	2262	2262	2262	1949	2816	771	2262	2262	2262	169	999	2262	2262	2262	
200940	581	1263	1263	1263	1263	4147	1263	1263	1330	567	1263	1304	1263	1263	1263	1163	1263	2699	10813	1263	1263	2659	1095	1263	1263	1263	1263	361	1263	1291	2532	1263
200950	229	115	230	230	10	1168	13	640	166	667	322	60	396	378	480	191	67															

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
220820	859	2090	935	935	1681	935	935	2267	762	10504	935	2241	1260	1125	1540	733	1911	935	935	935	447	1661	508	1349	1955	1744	2076	357	2211	627	935	935
230400	2643	6482	2146	3363	1488	4865	1488	4648	1355	1466	1488	1488	2527	3272	1488	2288	2258	2719	1488	1488	949	6111	1638	2230	1488	3555	1488	1555	1488	892	1282	1488
230500	1628	1917	1810	1821	1821	3347	1821	2787	1203	1992	1821	954	1821	1821	1439	1655	708	4123	5755	1821	1821	3553	1606	1160	1821	1821	1821	666	3033	1143	1135	1821
230610	699	981	2857	2446	1197	2850	1197	1508	1055	1923	1197	1197	2863	1197	1197	1790	435	1197	2731	1197	1197	4005	1267	762	1678	1197	1197	833	1209	1759	1605	1197
230620	555	2770	2770	4151	1917	2770	2770	7460	2650	2770	3271	2770	2174	3557	2770	2770	4706	2770	2770	2320	2770	2770	2770	6516	2770	11609	1265	2008	14644	2770	2770	2770
230630	1505	1514	2313	1218	1218	1218	1218	751	1218	1218	1218	966	1357	1387	1218	1728	542	1218	5060	1218	383	4174	1218	1521	1218	1454	1218	1004	1501	1693	1218	1218
230640	1346	3046	875	875	642	875	746	1369	875	875	145	875	390	1774	875	875	1784	875	875	792	561	875	875	516	875	361	476	426	900	875	875	875
230650	935	1217	742	2339	1217	1777	1217	1834	403	1450	1217	1217	1217	1217	1217	1217	1217	1431	1217	1217	1217	5071	1481	1217	1217	1217	1217	1217	1217	1264	822	1217
230660	1681	1312	1312	1312	1312	7258	1312	1312	682	1023	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1076	971	1312	1312	1312	1312	1312	1312	1285	1312	1312
240110	2413	3205	2462	3227	2213	12315	2213	3434	260	3281	1529	984	2774	3214	2213	1426	991	3363	2213	2213	1489	3482	2884	6094	2796	4489	2213	1514	2415	2465	2966	2213
240120	2413	3205	2462	3227	2213	12315	2213	3434	260	3281	1529	984	2774	3214	2213	1426	991	3363	2213	2213	1489	3482	2884	6094	2796	4489	2213	1514	2415	2465	2966	2213
240130	2413	3205	2462	3227	2213	12315	2213	3434	260	3281	1529	984	2774	3214	2213	1426	991	3363	2213	2213	1489	3482	2884	6094	2796	4489	2213	1514	2415	2465	2966	2213
520100	5065	7107	20711	17727	8676	20657	8676	10929	7649	13940	8676	8676	20752	8676	8676	12973	3154	8676	19798	8676	8676	29032	9186	5523	12160	8676	8676	6035	8766	12750	11634	8676
520210	3038	4262	12420	10631	5203	12388	5203	6554	4587	8360	5203	5203	12444	5203	5203	7780	1892	5203	11873	5203	5203	17410	5509	3312	7292	5203	5203	3619	5257	7646	6977	5203
520291	5172	7257	21147	18101	8859	21092	8859	11159	7811	14234	8859	8859	21189	8859	8859	13247	3221	8859	20215	8859	8859	29644	9380	5640	12417	8859	8859	6162	8951	13019	11879	8859
520300	5172	7257	21147	18101	8859	21092	8859	11159	7811	14234	8859	8859	21189	8859	8859	13247	3221	8859	20215	8859	8859	29644	9380	5640	12417	8859	8859	6162	8951	13019	11879	8859
530110	3134	3134	3134	3134	230	3134	3134	3134	3134	3134	2520	3134	1839	8167	3134	3134	4390	3134	3134	3134	3134	3134	3134	3134	3134	11389	1705	3134	3134	3134	3134	3134
530121	3134	3134	3134	3134	230	3134	3134	3134	3134	3134	2520	3134	1839	8167	3134	3134	4390	3134	3134	3134	3134	3134	3134	3134	3134	11389	1705	3134	3134	3134	3134	3134
530129	3252	3252	3252	3252	238	3252	3252	3252	3252	3252	2615	3252	1909	8474	3252	3252	4556	3252	3252	3252	3252	3252	3252	3252	3252	11818	1769	3252	3252	3252	3252	3252
530130	2071	2071	2071	2071	152	2071	2071	2071	2071	2071	1665	2071	1216	5397	2071	2071	2901	2071	2071	2071	2071	2071	2071	2071	2071	7527	1127	2071	2071	2071	2071	2071
530210	2507	2507	2507	2507	2507	2507	2507	2507	2507	2507	3292	2507	693	5722	2507	2507	2590	2507	2507	2507	2507	2507	2507	2507	2507	5287	2507	2507	2507	2507	2507	2507
530290	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	3658	2785	770	6357	2785	2785	2877	2785	2785	2785	2785	2785	2785	2785	2785	5875	2785	2785	2785	2785	2785	2785
530310	2682	2682	4704	3085	2682	2682	2682	7908	2012	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	3098	2682	2682	2682	2682	777	2682	2155	2682	
530390	2980	2980	5227	3428	2980	2980	2980	8787	2235	2980	2980	2980	2980	2980	2980	2980	2980	2980	2980	2980	2980	3442	2980	2980	2980	2980	2980	863	2980	2395	2980	2980
530410	7939	8330	7468	7468	7468	7468	7468	7468	7468	7468	7468	7468	7468	7468	7468	16210	7468	7468	7468	7468	7468	14306	11284	7468	7468	7468	7468	7468	7468	7468	7468	7468
530490	8821	9255	8297	8297	8297	8297	8297	8297	8297	8297	8297	8297	8297	8297	8297	18011	8297	8297	8297	8297	8297	15895	12538	8297	8297	8297	8297	8297	8297	8297	8297	8297
530511	2376	3094	1885	5943	3094	4515	3094	4659	1023	3685	3094	3094	3094	3094	3094	3094	3094	3635	3094	3094	3094	12886	3763	3094	3094	3094	3094	3094	3094	3213	2089	3094
530519	1782	2320	1414	4457	2320	3386	2320	3494	767	2764	2320	2320	2320	2320	2320	2320	2320	2727	2320	2320	2320	9665	2822	2320	2320	2320	2320	2320	2320	2409	1567	2320
530521	16878	16878	16878	16878	16878	16878	16878	16878	16878	19797	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878	16878
530529	18753	18753	18753	18753	18753	18753	18753	18753	18753	21997	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753	18753
530591	7210	7210	13080	7210	7210	7210	7210	7210	7210	3529	7210	7210	7210	7210	7210	7414	7210	7210	7210	7210	7210	7210	7480	7210	7210	7210	7210	7210	7210	7210	728	7210
530599	8011	8011	14533	8011	8011	8011	8011	8011	8011	3922	8011	8011	8011	8011	8011																	

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
020500	11835	11915	5948	6110	4089	4168	4246	5010	5703	3933	3624	5776	6088	5914	4975	5548	9261	4065	4156	4686	3961	4282	4451	4677	5627	3655	3883	4712	4692	4576	3903	4582
020410	9409	8366	4914	5507	2949	3609	3136	6215	4133	3338	2789	4019	4654	4245	3913	3934	7156	3522	3774	3284	2890	3826	3481	3489	8197	3090	2899	3328	4775	3624	3291	3420
020430	9409	8366	4914	5507	2949	3609	3136	6215	4133	3338	2789	4019	4654	4245	3913	3934	7156	3522	3774	3284	2890	3826	3481	3489	8197	3090	2899	3328	4775	3624	3291	3420
160249	6030	17104	5619	4481	3484	6154	4272	6255	5620	3676	3198	5529	3452	6386	7061	5630	4340	4072	4896	4637	3109	4975	4053	4910	9001	3101	3629	3628	10642	5125	3625	4464
010310	6149	17460	5729	4566	3549	6275	4354	6378	5730	3745	3256	5637	3516	6513	7201	5740	4423	4148	4991	4726	3165	5071	4130	5005	9183	3157	3696	3695	10859	5224	3692	4550
010391	6149	17460	5729	4566	3549	6275	4354	6378	5730	3745	3256	5637	3516	6513	7201	5740	4423	4148	4991	4726	3165	5071	4130	5005	9183	3157	3696	3695	10859	5224	3692	4550
010392	6149	17460	5729	4566	3549	6275	4354	6378	5730	3745	3256	5637	3516	6513	7201	5740	4423	4148	4991	4726	3165	5071	4130	5005	9183	3157	3696	3695	10859	5224	3692	4550
410210	9889	8792	5164	5787	3099	3793	3295	6531	4344	3508	2931	4223	4891	4461	4112	4134	7521	3701	3966	3452	3038	4021	3658	3667	8614	3247	3047	3497	5018	3809	3458	3595
410229	10409	9255	5436	6092	3262	3993	3469	6875	4572	3693	3085	4456	5149	4696	4329	4352	7917	3896	4175	3633	3197	4233	3851	3860	9068	3418	3207	3681	5282	4010	3640	3784
410221	10414	9260	5441	6097	3267	3998	3474	6880	4578	3698	3090	4451	5154	4701	4334	4357	7922	3901	4180	3639	3203	4238	3856	3865	9073	3423	3212	3686	5288	4015	3646	3789
020311	6559	18605	6113	4874	3790	6693	4647	6804	6114	3999	3479	6014	3755	6947	7680	6124	4721	4429	5326	5044	3382	5411	4409	5341	9791	3373	3947	3946	11575	5574	3943	4856
020321	6559	18605	6113	4874	3790	6693	4647	6804	6114	3999	3479	6014	3755	6947	7680	6124	4721	4429	5326	5044	3382	5411	4409	5341	9791	3373	3947	3946	11575	5574	3943	4856
410511	11594	10311	6068	6797	3652	4465	3882	7667	5108	4131	3456	4968	5749	5246	4838	4863	8824	4357	4667	4065	3581	4731	4307	4317	10103	3826	3592	4118	5897	4483	4073	4232
410512	11594	10311	6068	6797	3652	4465	3882	7667	5108	4131	3456	4968	5749	5246	4838	4863	8824	4357	4667	4065	3581	4731	4307	4317	10103	3826	3592	4118	5897	4483	4073	4232
410519	11594	10311	6068	6797	3652	4465	3882	7667	5108	4131	3456	4968	5749	5246	4838	4863	8824	4357	4667	4065	3581	4731	4307	4317	10103	3826	3592	4118	5897	4483	4073	4232
410520	11594	10311	6068	6797	3652	4465	3882	7667	5108	4131	3456	4968	5749	5246	4838	4863	8824	4357	4667	4065	3581	4731	4307	4317	10103	3826	3592	4118	5897	4483	4073	4232
040610	7446	12583	5471	5835	2004	4718	2454	6626	3781	3758	2475	3513	4018	4203	6267	3866	5410	4649	6474	2548	1802	4949	3258	3555	9945	3608	2257	2174	5215	3760	3501	3094
020450	10252	11981	6716	7424	2791	5218	3075	8191	4999	4607	3216	4833	5227	5290	5338	4870	7691	5069	5732	3288	2644	5486	3927	4251	11025	4340	2792	3082	6480	4010	4485	4043
020421	13493	11996	7046	7897	4228	5176	4496	8911	5927	4787	3999	5763	6674	6087	5611	5641	10262	5050	5411	4710	4145	5486	4992	5003	11754	4430	4157	4772	6847	5197	4719	4905
020422	13498	12001	7051	7902	4233	5181	4501	8916	5932	4792	4004	5768	6679	6092	5616	5646	10267	5055	5416	4715	4150	5491	4997	5008	11759	4435	4162	4777	6852	5202	4724	4910
020441	13498	12001	7051	7902	4233	5181	4501	8916	5932	4792	4004	5768	6679	6092	5616	5646	10267	5055	5416	4715	4150	5491	4997	5008	11759	4435	4162	4777	6852	5202	4724	4910
020442	13498	12001	7051	7902	4233	5181	4501	8916	5932	4792	4004	5768	6679	6092	5616	5646	10267	5055	5416	4715	4150	5491	4997	5008	11759	4435	4162	4777	6852	5202	4724	4910
410310	10726	12535	7027	7767	2920	5460	3217	8570	5231	4821	3364	5057	5469	5535	5585	5095	8047	5304	5997	3440	2766	5740	4109	4448	11535	4541	2921	3224	6779	4195	4693	4230
020312	8521	24165	7941	6332	4925	8695	6038	8839	7942	5196	4520	7813	4879	9024	9977	7956	6134	5754	6919	6554	4395	7030	5728	6939	12718	4383	5129	5127	15035	7242	5123	6309
020322	8521	24165	7941	6332	4925	8695	6038	8839	7942	5196	4520	7813	4879	9024	9977	7956	6134	5754	6919	6554	4395	7030	5728	6939	12718	4383	5129	5127	15035	7242	5123	6309
021011	8700	24664	8108	6466	5030	8878	6166	9024	8110	5307	4618	7978	4984	9213	10186	8123	6264	5877	7066	6692	4489	7179	5850	7086	12983	4477	5239	5237	15347	7395	5233	6443
160241	8700	24664	8108	6466	5030	8878	6166	9024	8110	5307	4618	7978	4984	9213	10186	8123	6264	5877	7066	6692	4489	7179	5850	7086	12983	4477	5239	5237	15347	7395	5233	6443
160242	8700	24664	8108	6466	5030	8878	6166	9024	8110	5307	4618	7978	4984	9213	10186	8123	6264	5877	7066	6692	4489	7179	5850	7086	12983	4477	5239	5237	15347	7395	5233	6443
050300	18413	18537	9254	9507	6362	6485	6606	7794	8873	6119	5639	8986	9471	9202	7741	8631	14408	6325	6466	7290	6163	6662	6924	7277	8754	5687	6042	7330	7300	7119	6072	7130
020319	8988	25489	8256	6679	5194	9172	6369	9323	8378	5480	4768	8241	5147	9519	10524	8391	6470	6070	7299	6913	4635	7416	6042	7319	13415	4623	5410	5408	15859	7639	5404	6655
020329	8988	25489	8376	6679	5194	9172	6369	9323	8378	5480	4768	8241	5147	9519	10524	8391	6470	6070	7299	6913	4635	7416	6042	7319	13415	4623	5410	5408	15859	7639	5404	6655
021012	9176	26015	8552	6820	5305	9364	6504	9518	8554	5597	4870	8415	5257	9718	10744	8568	6607	6199	7453	7059	4735	7572	6170	7474	13694	4722	5525	5524	16188	7800	5519	6796
021019	9377	26586	8739	6970	5421	9569	6646	9727	8741	5720	4976	8599	5372	9931	10979	8755	6752	6334	7616	7213	4838	7738	6305	7637	13994	4825	5646	5644	16543	7970	5640	6944
410611	11940	13950	7830	8652	3266	6089	3597	9544	5834	5379	3760	5641	6099	6173	6228	5683	8963	5915	6686	3845	3096	6400	4587	4964	12839	5068	3268	3605	7555	4684	5237	4722
410612	11940	13950	7830	8652	3266	6089	3597	9544	5834	5379	3760	5641	6099	6173	6228	5683	8963	5915	6686	3845	3096	6400	4587	4964	12839	5068	3268	3605	7555	4684	5237	4722
410619	11940	13950	7830	8652	3266	6089	3597	9544	5834	5379	3760	5641	6099	6173	6228	5683	8963	5915	6686	3845	3096	6400	4587	4964	12839	5068	3268	3605	7555	4684	5237	4722
410620	11940	13950	7830	8652	3266	6089	3597	9544	5834	5379	3760	5641	6099	6173	6228	5683	8963	5915	6686	3845	3096	6400	4587	4964	12839	5068	3268	3605	7555	4684	5237	4722
020622	13737	17636	7870	8678	4249	5862	4658	9580	7437	5436	4098	7280	6896	7649	6831	6978	10328	5741	6286	5154	4104	6172	5852	5797	12528	4862	4074	4799	7464	6254	5354	5637
160220	13737	17636	7870	8678	4249	5862	4658	9580	7437	5436	4098	7280	6896	7649	6831	6978	10328	5741	6286	5154	4104	6172	5852	5797	12528	4862	4074	4799	7464	6254	5354	5637
010511	3900	12850	6779	5821	1723	7837	1968	8768	3411	4600	2467	3430	2753	4485	6622	3805</																

Product code (Appendix IV)	Mexico	Morocco	Myanmar	Nepal	Netherlands	Nigeria	Norway	Pakistan	Peru	Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	South Africa	Spain	Sri Lanka	Sudan	Sweden	Switzerland	Tanzania	Thailand	Turkey	Turkmenistan	Ukraine	United Kingdom	USA	Uzbekistan	Venezuela	Viet Nam	Global average
040630	11805	19939	8679	9255	3190	7487	3901	10506	6003	5966	3934	5579	6378	6671	9939	6137	8582	7376	10267	4050	2869	7852	5175	5644	15762	5729	3590	3457	8273	5969	5559	4914
040640	11805	19939	8679	9255	3190	7487	3901	10506	6003	5966	3934	5579	6378	6671	9939	6137	8582	7376	10267	4050	2869	7852	5175	5644	15762	5729	3590	3457	8273	5969	5559	4914
040690	11805	19939	8679	9255	3190	7487	3901	10506	6003	5966	3934	5579	6378	6671	9939	6137	8582	7376	10267	4050	2869	7852	5175	5644	15762	5729	3590	3457	8273	5969	5559	4914
010210	16937	21747	9699	10696	5232	7222	5737	11809	9165	6696	5046	8971	8497	9427	8418	8599	12732	7073	7745	6349	5053	7604	7209	7142	15447	5988	5017	5910	9198	7706	6595	6944
010290	16937	21747	9699	10696	5232	7222	5737	11809	9165	6696	5046	8971	8497	9427	8418	8599	12732	7073	7745	6349	5053	7604	7209	7142	15447	5988	5017	5910	9198	7706	6595	6944
010600	16937	21747	9699	10696	5232	7222	5737	11809	9165	6696	5046	8971	8497	9427	8418	8599	12732	7073	7745	6349	5053	7604	7209	7142	15447	5988	5017	5910	9198	7706	6595	6944
040700	4277	14090	8475	7278	1404	9798	1604	10962	3741	5752	2706	3761	3019	4919	7261	4173	3533	8374	13382	1599	1267	10989	4480	4185	13822	5621	1522	1510	11257	7464	5064	3340
020900	5013	16487	8703	7476	2222	10060	2536	11254	4386	5910	3176	4410	3542	5763	8503	4891	4143	8599	13735	2529	2006	11281	5250	4905	14187	5777	2408	2389	11557	8739	5205	3918
160231	5013	16487	8703	7476	2222	10060	2536	11254	4386	5910	3176	4410	3542	5763	8503	4891	4143	8599	13735	2529	2006	11281	5250	4905	14187	5777	2408	2389	11557	8739	5205	3918
160239	5013	16487	8703	7476	2222	10060	2536	11254	4386	5910	3176	4410	3542	5763	8503	4891	4143	8599	13735	2529	2006	11281	5250	4905	14187	5777	2408	2389	11557	8739	5205	3918
410121	20216	25950	11587	12775	6261	8634	6864	14103	10951	8007	6040	10719	10154	11262	10060	10275	15203	8456	9258	7593	6049	9090	8619	8538	18439	7163	6005	7070	10990	9211	7887	8303
410122	20216	25950	11587	12775	6261	8634	6864	14103	10951	8007	6040	10719	10154	11262	10060	10275	15203	8456	9258	7593	6049	9090	8619	8538	18439	7163	6005	7070	10990	9211	7887	8303
410129	20216	25950	11587	12775	6261	8634	6864	14103	10951	8007	6040	10719	10154	11262	10060	10275	15203	8456	9258	7593	6049	9090	8619	8538	18439	7163	6005	7070	10990	9211	7887	8303
040899	4753	15656	9418	8088	1562	10887	1784	12181	4158	6392	3008	4180	3356	5466	8069	4637	3927	9305	14870	1778	1409	12211	4979	4651	15359	6247	1693	1679	12598	8294	5628	3713
020110	26809	34418	15359	16936	8292	11441	9092	18697	14514	10608	7998	14208	13458	14928	13332	13618	20157	11204	12268	10059	8010	12045	11420	11313	24451	9488	7952	9365	14567	12207	10449	11001
020120	26809	34418	15359	16936	8292	11441	9092	18697	14514	10608	7998	14208	13458	14928	13332	13618	20157	11204	12268	10059	8010	12045	11420	11313	24451	9488	7952	9365	14567	12207	10449	11001
020210	26809	34418	15359	16936	8292	11441	9092	18697	14514	10608	7998	14208	13458	14928	13332	13618	20157	11204	12268	10059	8010	12045	11420	11313	24451	9488	7952	9365	14567	12207	10449	11001
020220	26809	34418	15359	16936	8292	11441	9092	18697	14514	10608	7998	14208	13458	14928	13332	13618	20157	11204	12268	10059	8010	12045	11420	11313	24451	9488	7952	9365	14567	12207	10449	11001
021020	27361	35126	15677	17286	8466	11679	9282	19084	14816	10830	8166	14503	13737	15238	13609	13901	20573	11438	12523	10269	8178	12296	11658	11549	24955	9687	8119	9561	14869	12461	10667	11230
040891	6338	20875	12557	10784	2082	14517	2378	16241	5543	8523	4010	5574	4474	7288	10759	6183	5235	12407	19826	2371	1879	16281	6639	6201	20479	8330	2257	2239	16679	11059	7504	4950
020629	27922	35847	15996	17639	8636	11916	9469	19473	15117	11049	8330	14797	14016	15547	13885	14183	20994	11669	12777	10477	8342	12545	11894	11783	25466	9882	8282	9754	15171	12713	10882	11457
020610	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
020890	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
041000	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
050400	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
160100	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
160290	28110	36089	16104	17758	8694	11996	9533	19605	15219	11123	8386	14897	14111	15652	13979	14279	21135	11748	12863	10547	8399	12630	11974	11863	25638	9949	8338	9820	15274	12799	10956	11535
040819	8564	28190	16960	14567	2819	19605	3218	21934	7492	11513	5422	7532	6048	9847	14533	8355	7076	16757	26773	3209	2544	21987	8970	8380	27654	11253	3055	3030	22525	14938	10138	6691
020130	37762	48479	21635	23856	11681	16117	12808	26337	20446	14944	11268	20013	18957	21028	18780	19183	28393	15783	17281	14170	11284	16968	16087	15937	34441	13366	11202	13193	20519	17195	14719	15497
020230	37762	48479	21635	23856	11681	16117	12808	26337	20446	14944	11268	20013	18957	21028	18780	19183	28393	15783	17281	14170	11284	16968	16087	15937	34441	13366	11202	13193	20519	17195	14719	15497
410421	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
410422	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
410429	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
410431	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
410800	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
410900	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
411000	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	22565	20159	20590	30446	16952	18555	15226	12138	18220	17277	17117	36918	14366	12050	14180	22020	18463	15813	16646
411100	40472	51941	23214	25591	12562	17309	13768	28245	21941	16054	12120	21479	20349	225																		

Appendix XVII. Virtual water content of industrial products and virtual water flows related to the trade of industrial products (1997-2001)

FAOSTAT country codes	ISO-3 Code	Country	Population	Average industrial water withdrawal	Value added in Industry						Water withdrawal per unit added value						Export of industrial products					
					1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001
				10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr
2	AFG	Afghanistan	26179398	1	1029	1082	949	504	565	826	0.001	0.001	0.001	0.002	0.002	0.001						
3	ALB	Albania	3130628	114	407	490	617	713	787	603	0.280	0.232	0.185	0.160	0.145	0.189	103	166	315	228	270	216
4	DZA	Algeria	30169250	741	25351	22648	24581	32536	29084	26840	0.029	0.033	0.030	0.023	0.025	0.028	13850	9794	12493	21984	14530	14530
5	ASM	American Samoa	70000																			
7	AGO	Angola	12952725	52	5138	3623	4522	6643	5966	5178	0.010	0.014	0.012	0.008	0.009	0.010	4950	3433	5100	7746	6387	5523
8	ATG	Antigua and Barbuda	67695		101	100	111	117	129	112							14	14	14	14	14	14
9	ARG	Argentina	36806250	2629	81016	85452	78915	57095	52581	71012	0.032	0.031	0.033	0.046	0.050	0.037	12566	12213	10986	14036	13986	12757
1	ARM	Armenia	3131250	125	538	582	594	677	699	618	0.232	0.214	0.210	0.184	0.178	0.202	174	200	186	238	200	200
10	AUS	Australia	19071705	1346	108195	97721	106220	100232	94403	101354	0.012	0.014	0.013	0.013	0.014	0.013	38646	33746	34541	40999	40044	37595
11	AUT	Austria	8103235	1359	67168	69587	69021	62412	60969	65832	0.020	0.020	0.020	0.022	0.022	0.021	54558	58610	60233	62254	64877	60106
52	AZE	Azerbaijan, Republic of	8015278	4447	1713	1621	1865	2416	2826	2088	2.596	2.743	2.384	1.840	1.574	2.129	1307	506	844	1649	2231	1307
12	BHS	Bahamas	302085		218	220	221	223	225	222							103	261	270	421	248	261
13	BHR	Bahrain	646995	10	2536	2471	2645	3184	3327	2832	0.004	0.004	0.004	0.003	0.003	0.004	5784	5784	5784	6135	5434	5784
16	BGD	Bangladesh	129942975	426	11654	12094	12153	12298	12616	12163	0.037	0.035	0.035	0.035	0.034	0.035	3568	4597	4578	5197	5213	4631
14	BRB	Barbados	266643	19	467	513	535	544	523	517	0.040	0.036	0.035	0.034	0.035	0.036	183	178	171	194	178	181
57	BLR	Belarus	10019815	1237	5506	6180	4768	4081	4602	5027	0.225	0.200	0.259	0.303	0.269	0.246	5540	6101	5008	6385	6565	5920
15	BLX	Belgium-Luxembourg	10659200	7676	71622	75386	74068	67313	65337	70745	0.107	0.102	0.104	0.114	0.117	0.108	144421	156525	163198	176956	170365	162293
23	BLZ	Belize	235915	97	155	160	172	191	192	174	0.627	0.606	0.564	0.509	0.508	0.558	30	30	30	33	31	31
53	BEN	Benin	6192130	21	297	311	323	313	342	317	0.070	0.067	0.064	0.066	0.061	0.065	130	116	14	14	11	57
17	BMU	Bermuda	61500		289	305	327	340	360	324												
18	BTN	Bhutan	793485	3	138	136	156	166	185	156	0.024	0.024	0.021	0.020	0.018	0.021	68	37	99	68	68	68
19	BOL	Bolivia	8232980	40	2573	2769	2566	2821	2593	2664	0.016	0.014	0.016	0.014	0.015	0.015	673	772	915	909	830	820
80	BIH	Bosnia and Herzegovina	3918733		1098	1346	1421	1316	1331	1303												
20	BWA	Botswana	1657708	25	2261	2271	2110	2299	2360	2260	0.011	0.011	0.012	0.011	0.011	0.011	5064	5064	5064	4926	5201	5064
21	BRA	Brazil	169109675	10293	214982	226712	147520	167763	113557	174107	0.048	0.045	0.070	0.061	0.091	0.059	33306	32981	30801	38296	38208	34719
239	VGB	British Virgin Islands	19600		32	37	41	43	48	40												
26	BRN	Brunei Darussalam	333398		2408	2152	1872	1917	1888	2047							2641	2294	2468	2468	2468	2468
27	BGR	Bulgaria	8125750	9318	3076	3954	3712	3745	3971	3691	3.030	2.357	2.511	2.488	2.347	2.524	3937	3319	3093	4131	4435	3783
233	BFA	Burkina Faso	11138150	1	394	431	417	356	406	401	0.003	0.003	0.003	0.004	0.003	0.003	44	37	37	39	42	40
29	BDI	Burundi	6742788	1	172	146	140	131	123	143	0.006	0.007	0.007	0.008	0.008	0.007	1	0	1	1	4	1
115	KHM	Cambodia	11885290	14	713	544	633	784	874	710	0.019	0.025	0.022	0.018	0.016	0.019						
32	CMR	Cameroon	14717680	78	1840	2044	1921	1827	1759	1878	0.042	0.038	0.040	0.043	0.044	0.041	875	717	650	1173	1084	900
33	CAN	Canada	30649675	31570	195527	185355	206444	220156	216365	204769	0.161	0.170	0.153	0.143	0.146	0.154	169634	169317	189897	223968	208903	192344
35	CPV	Cape Verde	429180	1	89	92	108	100	96	97	0.007	0.007	0.006	0.006	0.007	0.007	77	43	43	43	9	43
36	CYM	Cayman Islands	35000		38	40	41	43	46	42												
37	CAF	Central African Republic	3689408	4	183	185	187	181	191	185	0.021	0.021	0.021	0.021	0.020	0.021						
39	TCO	Chad	7594623	3	230	252	213	180	250	225	0.014	0.013	0.016	0.019	0.013	0.015						
40	CHL	Chile	15113200	2684	28452	26852	25296	26174	22799	25915	0.094	0.100	0.106	0.103	0.118	0.104	10276	8695	9166	11107	11084	10066
357	CHN	China	1257521250	127260	446933	466437	489946	542552	580677	505309	0.285	0.273	0.260	0.235	0.219	0.252	166681	169200	180531	232294	248872	199516
44	COL	Colombia	41919368	401	31273	27948	24682	25237	24700	26768	0.013	0.014	0.016	0.016	0.016	0.015	7201	6796	8225	9985	9407	8323
45	COM	Comoros	551248		23	24	24	22	22	23							0	0	0	1	0	0
250	COD	Congo, Dem Republic of	50264530	58	1127	1283	949	900	850	1022	0.052	0.045	0.061	0.065	0.068	0.057						

FAOSTAT country codes	ISO-3 Code	Country	Population	Average industrial water withdrawal	Value added in Industry						Water withdrawal per unit added value						Export of industrial products					
					1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001
				10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr
46	COG	Congo, Republic of	2976293	11	1423	898	1358	2163	1808	1530	0.008	0.013	0.008	0.005	0.006	0.007						
47	COK	Cook Islands	18400		7	6	6	6	6	6							6	6	6	6	6	6
48	CRI	Costa Rica	3766523	423	4065	4201	5544	5116	4879	4761	0.104	0.101	0.076	0.083	0.087	0.089	2418	3495	4897	3671	3021	3500
107	CIV	Côte d'Ivoire	15792145	94	2659	2905	3037	2371	2246	2644	0.035	0.032	0.031	0.040	0.042	0.036	1255	1275	1467	1264	1315	1315
98	HRV	Croatia	4382965		6326	7168	6173	5574	5917	6232							3546	3831	3664	3834	4007	3776
49	CUB	Cuba	11175000	500	10717	11037	12104	12834	13349	12008	0.047	0.045	0.041	0.039	0.037	0.042	675	675	675	675	675	675
50	CYP	Cyprus	755163	4	1692	1804	1839	1754	1815	1781	0.003	0.002	0.002	0.002	0.002	0.002	496	512	511	528	572	524
167	CZE	Czech Republic	10268800	1514	21624	23535	22297	21042	23139	22328	0.070	0.064	0.068	0.072	0.065	0.068	20426	23891	24361	26955	31328	25392
54	DNK	Denmark	5329750	324	44555	44831	45393	42560	41974	43863	0.007	0.007	0.007	0.008	0.008	0.007	32675	33309	35029	37744	37967	35345
72	DJI	Djibouti	626005		70	72	77	78	82	76												
55	DMA	Dominica	72118		55	58	60	63	58	59							26	29	31	33	27	29
56	DOM	Dominican Republic	8304920	49	5086	5330	5929	6683	7083	6022	0.010	0.009	0.008	0.007	0.007	0.008	3621	3990	4322	4846	4466	4249
58	ECU	Ecuador	12528000	929	6846	5332	4799	5535	6183	5739	0.136	0.174	0.194	0.168	0.150	0.162	1985	1334	1853	2866	2422	2092
59	EGY	Egypt	63375735	7086	27300	28781	30992	34155	31762	30598	0.260	0.246	0.229	0.207	0.223	0.232	3459	2526	2745	3740	3236	3141
60	SLV	El Salvador	6216185	174	3242	3385	3649	3878	4057	3642	0.054	0.051	0.048	0.045	0.043	0.048	1657	1856	2012	2348	2420	2058
61	GNQ	Equatorial Guinea	451045	9	444	298	606	1103	1499	790	0.021	0.031	0.015	0.008	0.006	0.012						
178	ERI	Eritrea	4042500		144	143	139	140	153	144							6	6	6	5	7	6
63	EST	Estonia	1373850	63	1332	1553	1431	1491	1605	1482	0.047	0.041	0.044	0.042	0.039	0.043	2176	2331	2254	3155	3267	2637
238	ETH	Ethiopia	63540513	107	660	698	669	598	657	656	0.162	0.154	0.160	0.179	0.163	0.163	6	4	37	49	64	32
64	FRO	Faeroe Islands	47500														20	21	25	22	22	22
66	FJI	Fiji Islands	805268	7	564	428	503	427	449	474	0.012	0.016	0.013	0.016	0.015	0.014	205	205	205	217	193	205
67	FIN	Finland	5169500	1972	41749	44535	42981	41384	40864	42303	0.047	0.044	0.046	0.048	0.048	0.047	36433	39132	38011	42623	39517	39143
68	FRA	France	58775400	27897	360036	376782	368000	333381	336707	354981	0.077	0.074	0.076	0.084	0.083	0.079	256350	275417	277640	289240	287957	277321
70	PYF	French Polynesia	232895														0	0	228	221	160	122
74	GAB	Gabon	1214100	14	2517	2030	1899	2673	2195	2263	0.005	0.007	0.007	0.005	0.006	0.006	2192	1741	2674	2270	2219	2219
75	GMB	Gambia	1282573	2	51	58	56	53	49	53	0.039	0.035	0.035	0.037	0.040	0.037	3	5	1	3	3	3
73	GEO	Georgia	5270500	728	803	826	631	683	704	729	0.906	0.881	1.153	1.065	1.034	0.998	204	204	165	227	219	204
79	DEU	Germany	82169250	31926	651497	684519	653050	568751	558617	623287	0.049	0.047	0.049	0.056	0.057	0.051	459512	493956	489100	507615	509487	491934
81	GHA	Ghana	19082858	58	1743	1889	1904	1264	1337	1627	0.033	0.031	0.030	0.046	0.043	0.036	235	272	392	437	485	364
84	GRC	Greece	10550968	854	26919	27245	27761	24737	26396	26612	0.032	0.031	0.031	0.035	0.032	0.032	7284	7076	7185	8617	7472	7527
86	GRD	Grenada	98278		62	64	74	86	85	74							7	19	8	51	32	23
88	GUM	Guam	153153																			
89	GTM	Guatemala	11238925	232	3537	3800	3612	3709	3944	3720	0.066	0.061	0.064	0.063	0.059	0.062	819	921	941	1078	1076	967
90	GIN	Guinea	7332825	28	1434	1416	1367	1132	1123	1294	0.020	0.020	0.021	0.025	0.025	0.022	603	366	378	399	443	438
175	GNB	Guinea-Bissau	1186833	1	35	26	28	27	31	29	0.017	0.023	0.021	0.022	0.019	0.020						
91	GUY	Guyana	759008	11	222	221	208	207	206	213	0.048	0.049	0.052	0.052	0.052	0.050						
93	HTI	Haiti	7885250	7	649	735	817	737	733	734	0.011	0.010	0.009	0.010	0.010	0.010	51	51	51	51	51	51
95	HND	Honduras	6336685	86	1472	1614	1755	1797	1993	1726	0.059	0.053	0.049	0.048	0.043	0.050	577	563	522	593	640	579
99	ISL	Iceland	278375	101	1923	2203	2152	2227	2022	2106	0.052	0.046	0.047	0.045	0.050	0.048	460	458	584	626	689	563
100	IND	India	1007369125	25104	109684	111816	115898	123584	123974	116991	0.229	0.225	0.217	0.203	0.202	0.215	27217	26167	30035	37852	36744	31603
101	IDN	Indonesia	204920450	467	97222	43170	60704	70192	66187	67495	0.005	0.011	0.008	0.007	0.007	0.007	38175	33116	39666	53966	48856	42756
102	IRN	Iran, Islamic Rep of	63201525	1585	33574	30179	32221	33100	39380	33691	0.047	0.053	0.049	0.048	0.040	0.047	17509	11954	18680	26812	22258	19443
103	IRQ	Iraq	23034540	2055													4326	5134	12131	18166	12699	10491
104	IRL	Ireland	3774250	729	33658	35700	40293	40504	43199	38671	0.022	0.020	0.018	0.018	0.017	0.019	43386	54270	60616	66976	72944	59638
105	ISR	Israel	6166040	116	39060	38916	39067	43239	42305	40518	0.003	0.003	0.003	0.003	0.003	0.003	21100	21650	24530	30162	27905	25069

FAOSTAT country codes	ISO-3 Code	Country	Population	Average industrial water withdrawal	Value added in Industry						Water withdrawal per unit added value						Export of industrial products					
					1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001
				10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr
106	ITA	Italy	57718000	15732	341989	357922	346145	311635	315520	334642	0.046	0.044	0.045	0.050	0.050	0.047	218802	224230	214552	222474	222774	220567
109	JAM	Jamaica	2563905	67	2292	2342	2361	2425	2464	2377	0.029	0.029	0.028	0.028	0.027	0.028	1059	1004	945	1018	1006	1006
110	JPN	Japan	126741225	15800	1378301	1285279	1443675	1529190	1276062	1382501	0.011	0.012	0.011	0.010	0.012	0.011	404733	371558	399438	457122	381371	402844
112	JOR	Jordan	4813708	39	1881	2105	2095	2149	2255	2097	0.021	0.018	0.019	0.018	0.017	0.019	1150	1149	1525	1097	1960	1376
108	KAZ	Kazakhstan	15191620	5730	8080	6902	5893	7478	8600	7390	0.709	0.830	0.972	0.766	0.666	0.775	5432	4744	4875	8217	7903	6234
114	KEN	Kenya	29742440	88	1886	1878	1893	1938	2076	1934	0.047	0.047	0.047	0.046	0.043	0.046	731	667	551	502	613	613
83	KIR	Kiribati	89478		4	3	5	4	5	4							0	0	0	0	0	0
116	PRK	Korea, Dem People's Rep	22213458	2268	3489	3472	3475	3586	3725	3549	0.650	0.653	0.653	0.632	0.609	0.639						
117	KOR	Korea, Republic of	46813750	2816	203328	138913	172621	195638	179353	177971	0.014	0.020	0.016	0.014	0.016	0.016	125432	121012	136427	166406	145358	138927
118	KWT	Kuwait	1954793	13	18905	15902	18477	22680	20758	19345	0.001	0.001	0.001	0.001	0.001	0.001	14056	9404	12070	11843	11843	11843
113	KGZ	Kyrgyzstan	4882900	300	473	373	334	400	432	402	0.635	0.804	0.899	0.750	0.695	0.746	178	185	171	178	178	178
120	LAO	Laos	5219280	134	400	289	327	399	410	365	0.336	0.464	0.410	0.336	0.327	0.367						
119	LVA	Latvia	2382750	94	1512	1840	1798	1817	1882	1770	0.062	0.051	0.052	0.052	0.050	0.053	1022	1125	1091	1195	1306	1148
121	LBN	Lebanon	4298563	29	3137	3411	3690	3783	3941	3592	0.009	0.008	0.008	0.008	0.007	0.008	494	493	491	522	617	523
122	LSO	Lesotho	2020765	17	416	346	376	354	312	361	0.040	0.048	0.044	0.047	0.053	0.046						
123	LBR	Liberia	3087335	17	16	19	24	28	28	23	1.068	0.858	0.699	0.587	0.590	0.721						
124	LBY	Libyan Arab Jamahiriya	5232855	123	16687	14569	12741	15361	13104	14492	0.007	0.008	0.010	0.008	0.009	0.008	9436	6128	7924	12380	11150	9404
126	LTU	Lithuania	3518500	41	3044	3508	3367	3483	3832	3447	0.013	0.012	0.012	0.012	0.011	0.012	3075	3033	2442	3160	3810	3104
154	MKD	Macedonia, The Fmr Yug Rp	2021500		1223	1185	1119	1109	1037	1135							941	1070	918	1098	949	995
129	MDG	Madagascar	15285408		502	510	512	561	673	552							214	239	279	376	462	314
130	MWI	Malawi	10204700	40	454	322	321	304	320	344	0.088	0.123	0.124	0.131	0.124	0.115	37	37	37	28	47	37
131	MYS	Malaysia	22990590	1771	47433	31670	36772	45750	42493	40824	0.037	0.056	0.048	0.039	0.042	0.043	67527	63036	74557	89400	79871	74878
132	MDV	Maldives	270880		92	97	102	108	105	101							15	0	25	35	33	22
133	MLI	Mali	10712908	15	492	467	453	521	647	516	0.031	0.032	0.033	0.029	0.023	0.029	7	7	7	7	7	7
134	MLT	Malta	389500	0	768	807	840	818	834	813	0.001	0.001	0.001	0.001	0.001	0.001	1574	1773	1912	2369	1878	1901
127	MHL	Marshall Islands	51361		13	13	13	15	16	14												
136	MRT	Mauritania	2620863	39	328	307	283	280	297	299	0.118	0.127	0.138	0.139	0.131	0.130						
137	MUS	Mauritius	1180283	56	1316	1307	1342	1439	1415	1364	0.042	0.043	0.042	0.039	0.040	0.041	1145	1242	1174	1207	1132	1180
138	MEX	Mexico	97291745	4128	112765	120535	137949	162666	167503	140284	0.037	0.034	0.030	0.025	0.025	0.029	101925	108912	127689	156909	149445	128976
145	FSM	Micronesia, Fed States of	116965		8	8	9	9	10	9												
146	MDA	Moldova, Republic of	4283750	1624	444	398	267	280	357	349	3.657	4.076	6.090	5.805	4.551	4.651	228	165	161	173	207	187
142	MSR	Montserrat	5200		6	5	5	5	5	5							1	1	1	1	1	1
143	MAR	Morocco	28472000	261	10566	11315	11276	10640	10491	10857	0.025	0.023	0.023	0.025	0.025	0.024	3106	5523	5784	5683	5529	5125
144	MOZ	Mozambique	17506540	13	864	908	976	982	948	935	0.015	0.015	0.014	0.014	0.014	0.014	7	204	100	204	506	204
28	MMR	Myanmar	47451298	149	2688	2935	2815	3197	3297	2986	0.055	0.051	0.053	0.047	0.045	0.050						
147	NAM	Namibia	1737288	10	1055	985	937	982	979	988	0.010	0.011	0.011	0.011	0.011	0.011	875	875	875	898	852	875
148	NRU	Nauru	12000																			
149	NPL	Nepal	22772793	34	1069	1026	1093	1177	1199	1113	0.032	0.033	0.031	0.029	0.028	0.030	311	282	412	475	370	370
150	NLD	Netherlands	15865250	4764	101235	106670	104853	100371	103538	103334	0.047	0.045	0.045	0.047	0.046	0.046	158142	158628	165528	189565	182114	170795
153	NCL	New Caledonia	210773		953	1028	1145	1005	1038	1034							459	459	370	609	399	459
156	NZL	New Zealand	3820675	200	16825	13786	14313	13057	12981	14192	0.012	0.015	0.014	0.015	0.015	0.014	5264	4621	4816	4950	4953	4921
157	NIC	Nicaragua	5006993	30	471	457	507	600	667	541	0.064	0.066	0.059	0.050	0.045	0.056	175	47	46	59	74	80
158	NER	Niger	10655665	11	318	347	346	319	324	331	0.035	0.032	0.032	0.035	0.035	0.034	222	224	179	179	91	179
159	NGA	Nigeria	125374700	678	27942	25885	12674	21330	18167	21200	0.024	0.026	0.053	0.032	0.037	0.032	15181	9578	13758	20829	17129	15295
160	NIU	Niue	2000																			

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					1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001
					10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr
162	NOR	Norway	4474000	1462	60156	50746	56457	71686	69050	61619	0.024	0.029	0.026	0.020	0.021	0.024	43674	35332	40486	55229	54374	45819
221	OMN	Oman	2384500	23	8458	7522	8391	10610	10650	9126	0.003	0.003	0.003	0.002	0.002	0.003	7206	5139	6854	10393	10312	7981
165	PAK	Pakistan	136475525	2983	15292	15560	15211	14742	13708	14903	0.195	0.192	0.196	0.202	0.218	0.200	7597	7182	7159	7952	8069	7592
166	PAN	Panama	2831500	35	1207	1316	1359	1383	1407	1334	0.029	0.027	0.026	0.025	0.025	0.026	149	157	193	191	222	182
168	PNG	Papua New Guinea	5067815	27	1947	1373	1303	1438	1271	1466	0.014	0.020	0.021	0.019	0.021	0.019	1769	1558	1769	1980	1769	1769
169	PRY	Paraguay	5211500	36	2561	2318	2014	2016	1882	2158	0.014	0.016	0.018	0.018	0.019	0.017	179	142	116	172	166	155
170	PER	Peru	25752968	1698	16181	15611	14062	14753	14811	15084	0.105	0.109	0.121	0.115	0.115	0.113	3817	3374	3161	3810	3779	3588
171	PHL	Philippines	75749645	2495	26097	20503	23304	24158	23156	23444	0.096	0.122	0.107	0.103	0.108	0.106	22327	27076	33081	35892	30111	29697
173	POL	Poland	38653288	11040	49503	57771	55773	55529	57380	55191	0.223	0.191	0.198	0.199	0.192	0.200	21955	24615	24238	28548	32530	26377
174	PRT	Portugal	9997250	2032	32397	34997	35012	32341	32893	33528	0.063	0.058	0.058	0.063	0.062	0.061	21146	22081	21885	21942	21720	21755
179	QAT	Qatar	573388	8	7310	6635	8018	11491	11081	8907	0.001	0.001	0.001	0.001	0.001	0.001	5315	5018	7199	8834	10698	7413
183	ROU	Romania	22450998	8273	12583	14892	12055	13412	14706	13530	0.657	0.556	0.686	0.617	0.563	0.611	7492	7482	7534	9471	10489	8494
185	RUS	Russian Federation	145878750	48082	158692	105489	72084	98564	110403	109047	0.303	0.456	0.667	0.488	0.436	0.441	76574	67192	65617	94484	94075	79588
184	RWA	Rwanda	7604500	11	374	376	367	358	357	366	0.030	0.030	0.031	0.031	0.031	0.031	4	5	8	10	22	10
188	KNA	Saint Kitts and Nevis	43470		67	75	88	100	94	85							17	21	20	25	23	21
189	LCA	Saint Lucia	154413		108	123	128	134	139	127							19	15	13	12	13	14
190	SPM	Saint Pierre & Miquelon	6000																			
191	VCT	Saint Vincent/Grenadines	114545		79	80	79	83	88	82							9	8	9	13	10	10
244	WSM	Samoa	171305		65	59	62	63	65	63												
193	STP	Sao Tome and Principe	146425		7	7	8	8	8	8							0	0	0	0	0	0
194	SAU	Saudi Arabia	20503670	195	80880	63583	76363	101724	95538	83618	0.002	0.003	0.003	0.002	0.002	0.002	59019	38281	47877	77159	72600	58987
195	SEN	Senegal	9404653	50	897	948	973	899	949	933	0.055	0.052	0.051	0.055	0.052	0.053	295	409	394	317	401	363
186	YUG	Serbia and Montenegro	10635500		6208	5000	5736	3626	3418	4797							1829	1903	1061	1286	1520	1520
196	SYC	Seychelles	80633		155	157	169	173	165	164							19	19	19	19	19	19
197	SLE	Sierra Leone	4981773	11	246	160	216	214	223	212	0.044	0.067	0.050	0.050	0.048	0.051						
200	SGP	Singapore	4006000		33853	30063	29320	34362	29326	31385							115657	102544	109080	132624	113209	114623
199	SVK	Slovakia	5397695		6405	6847	6350	5918	5933	6291							8883	9988	9376	11171	11853	10254
198	SVN	Slovenia	1987275		6865	7540	7682	6744	6931	7152							7906	8561	8080	8254	8769	8314
25	SLB	Solomon Islands	413743		45	39	42	37	38	40												
201	SOM	Somalia	8627345	1	148	193	201	184	100	165	0.005	0.004	0.004	0.004	0.008	0.005						
202	ZAF	South Africa	42387403	1527	46809	43006	40802	39837	35659	41223	0.033	0.035	0.037	0.038	0.043	0.037	25582	23110	23762	25693	24155	24460
203	ESP	Spain	40417948	7298	168941	177582	180586	169704	174469	174257	0.043	0.041	0.040	0.043	0.042	0.042	80477	90726	86037	97741	92717	89539
38	LKA	Sri Lanka	18335500	252	4142	4351	4281	4441	4198	4283	0.061	0.058	0.059	0.057	0.060	0.059	3411	3574	3378	4142	3612	3623
206	SDN	Sudan	30832808	229	1879	1509	1766	2132	2270	1911	0.122	0.152	0.130	0.107	0.101	0.120	14	48	503	1446	503	503
207	SUR	Suriname	416008	21	206	247	220	223	192	218	0.100	0.084	0.093	0.092	0.107	0.095	437	419	411	377	411	411
209	SWZ	Swaziland	1030753	31	646	598	605	622	598	614	0.049	0.052	0.052	0.050	0.052	0.051	410	410	410	494	327	410
210	SWE	Sweden	8868050	1612	73003	74585	74363	70754	63286	71198	0.022	0.022	0.022	0.023	0.025	0.023	73502	70867	73521	77209	66219	72264
211	CHE	Switzerland	7165250	1383	69610	72260	70686	64137	66876	68714	0.020	0.019	0.020	0.022	0.021	0.020	73326	76111	77536	78776	79408	77032
212	SYR	Syrian Arab Republic	15994053	322	6928	6904	7645	7202	7363	7209	0.046	0.047	0.042	0.045	0.044	0.045	2905	1881	2606	3932	2831	2831
215	TZA	Tanzania, United Rep of	33299168	25	1204	1293	1341	1421	1495	1351	0.020	0.019	0.018	0.017	0.016	0.018	66	139	106	110	142	113
216	THA	Thailand	60487800	1789	62111	44330	50139	51319	48343	51248	0.029	0.040	0.036	0.035	0.037	0.035	43164	40722	44799	54873	50760	46864
217	TGO	Togo	4456785	13	321	312	289	275	270	294	0.039	0.040	0.043	0.046	0.046	0.043	158	200	174	109	155	159
219	TON	Tonga	99805		23	20	21	21	19	21							0	0	0	0	0	0
220	TTO	Trinidad and Tobago	1297125	80	2409	2323	2692	3748	4013	3037	0.033	0.034	0.030	0.021	0.020	0.026	2320	2011	2569	4028	4843	3154
222	TUN	Tunisia	9506575	77	5386	5621	5869	5560	5769	5641	0.014	0.014	0.013	0.014	0.013	0.014	4910	5161	5103	5302	6038	5303

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					1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001
				10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	m ³ /US\$	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr
223	TUR	Turkey	66849750	3803	47906	50037	45401	50394	38618	46471	0.079	0.076	0.084	0.075	0.098	0.082	20507	21570	22101	23316	26706	22840
213	TKM	Turkmenistan	5184250	164	1292	1263	1794	2534	3302	2037	0.127	0.130	0.091	0.065	0.050	0.080	585	357	912	2212	221	857
227	TUV	Tuvalu	10000																			
226	UGA	Uganda	21914500	31	1313	1210	1249	1157	1179	1222	0.023	0.025	0.025	0.027	0.026	0.025	0	46	21	67	64	40
230	UKR	Ukraine	49700750	13387	18263	15132	12162	11354	13189	14020	0.733	0.885	1.101	1.179	1.015	0.955	11991	10834	7403	9773	13817	10764
225	ARE	United Arab Emirates	2855093	200	28516	26851	29118	31186	33369	29808	0.007	0.007	0.007	0.006	0.006	0.007	22373	18737	21515	32672	30393	25138
229	GBR	United Kingdom	58669403	8135	378422	418432	416728	409685	394159	403485	0.021	0.019	0.020	0.020	0.021	0.020	250406	246258	246987	268649	253737	253207
231	USA	United States of America	280343325	215495	2007155	2174818	2278325	2386833	2316555	2232737	0.107	0.099	0.095	0.090	0.093	0.097	580340	581054	597334	676665	628906	612860
234	URY	Uruguay	3325000	28	5944	6389	3774	3703	3471	4656	0.005	0.004	0.007	0.007	0.008	0.006	1039	1103	872	1001	908	984
235	UZB	Uzbekistan	24567500	1151	3736	3922	4152	3182	2395	3478	0.308	0.293	0.277	0.362	0.481	0.331						
155	VUT	Vanuatu	194298		23	22	22	21	21	22							2	2	2	2	2	2
236	VEN	Venezuela, Boliv Rep of	23937750	494	28554	27497	26050	30546	27573	28044	0.017	0.018	0.019	0.016	0.018	0.018	22206	16106	19487	30397	24741	22587
237	VNM	Viet Nam	78020938	11280	9790	8921	9893	11514	12562	10536	1.152	1.264	1.140	0.980	0.898	1.071						
249	YEM	Yemen	17277608	37	2819	2031	3052	4036	3392	3066	0.013	0.018	0.012	0.009	0.011	0.012	1379	1379	1379	1379	1379	1379
251	ZMB	Zambia	9979605	125	1037	988	872	886	933	943	0.120	0.126	0.143	0.141	0.134	0.132	759	759	865	564	846	759
181	ZWE	Zimbabwe	12497455	103	2070	1453	1317	1858	2191	1778	0.050	0.071	0.078	0.055	0.047	0.058	915	709	745	772	404	709
		World	5975559251	716764	8757948	8737255	8965370	9212677	8805695	8893790	0.082	0.082	0.080	0.078	0.081	0.081						

Country	Virtual water export related to the export of industrial products						Import of industrial products						Virtual water import related to the import of industrial products						Water footprint due to the consumption of industrial products			
	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	Local products	Imported products	Total	Average per capita
	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	m ³ /cap/yr
Afghanistan							436	373	411	550	550	464	31	26	28	38	38	32	1	32	33	1
Albania	29	38	58	36	39	40	459	594	781	843	1062	748	32	42	54	58	74	52	86	39	126	40
Algeria	405	320	376	500	370	394	5652	6347	6412	6337	6984	6346	398	447	443	435	487	442	494	295	788	26
American Samoa							529	498	453	506	499	497	37	35	31	35	35	35		35	35	495
Angola	50	49	59	61	56	55	2597	2079	3109	3040	3179	2801	183	146	215	209	222	195	41	151	192	15
Antigua and Barbuda							283	298	327	314	290	302	20	21	23	22	20	21		21	21	311
Argentina	408	376	366	646	699	499	28366	29385	23869	23771	18849	24848	2000	2069	1647	1632	1314	1732	2328	1534	3862	105
Armenia	40	43	39	44	36	40	654	677	581	664	649	645	46	48	40	46	45	45	95	34	129	41
Australia	481	465	438	551	571	501	62036	61018	65241	67295	60298	63178	4373	4296	4503	4620	4204	4399	1229	4016	5244	275
Austria	1104	1145	1186	1356	1447	1248	59837	63396	65107	66500	68551	64678	4218	4463	4494	4565	4779	4504	1070	3546	4616	570
Azerbaijan, Republic of	3394	1387	2013	3034	3510	2668	1134	1457	814	935	1179	1104	80	103	56	64	82	77	1824	32	1856	232
Bahamas							1372	1519	1415	1375	1364	1409	97	107	98	94	95	98		98	98	325
Bahrain	23	24	22	20	17	21	3510	3050	3182	4145	3761	3530	247	215	220	285	262	246	9	225	235	363
Bangladesh	130	162	160	180	176	162	5393	5532	5479	6914	6498	5963	380	389	378	475	453	415	344	335	679	5
Barbados	7	6	6	7	6	7	793	811	905	951	879	868	56	57	62	65	61	60	17	55	72	272
Belarus	1245	1221	1300	1936	1765	1493	7407	7393	5671	7397	7135	7001	522	520	391	508	497	488	166	66	232	23
Belgium-Luxembourg	15477	15937	16912	20178	20014	17703	141765	148196	155510	169228	172047	157349	9994	10433	10733	11618	11995	10955	382	545	927	87
Belize	19	18	17	17	16	17	229	238	307	387	374	307	16	17	21	27	26	21	83	18	101	429
Benin	9	8	1	1	1	4	494	495	545	464	449	490	35	35	38	32	31	34	19	32	51	8
Bermuda							486	496	579	587	588	547	34	35	40	40	41	38		38	38	619
Bhutan	2	1	2	1	1	1	102	99	147	168	156	134	7	7	10	12	11	9	3	8	11	14
Bolivia	10	11	14	13	13	12	1665	1776	1560	1551	1425	1595	117	125	108	107	99	111	37	102	139	17
Bosnia and Herzegovina							2333	2610	3305	3107	3354	2942	164	184	228	213	234	205		205	205	52
Botswana	56	55	60	53	55	56	1686	1815	1643	1513	1233	1578	119	128	113	104	86	110	15	65	79	48
Brazil	1595	1497	2149	2350	3463	2211	57428	53470	46541	53468	54121	53006	4049	3764	3212	3671	3773	3694	8666	3110	11776	70
British Virgin Islands							166	165	198	237	253	204	12	12	14	16	18	14		14	14	723
Brunei Darussalam							1904	1288	1194	948	986	1264	134	91	82	65	69	88		88	88	265
Bulgaria	11928	7823	7765	10280	10408	9641	4370	4469	5046	6077	6774	5347	308	315	348	417	472	372	48	2	50	6
Burkina Faso	0	0	0	0	0	0	460	562	534	515	533	521	32	40	37	35	37	36	1	36	37	3
Burundi	0	0	0	0	0	0	95	132	100	110	117	111	7	9	7	8	8	8	1	8	9	1
Cambodia							1116	1129	1243	1424	1456	1274	79	79	86	98	101	89	14	89	102	9
Cameroon	37	27	26	50	48	38	1096	1234	1042	1195	1545	1222	77	87	72	82	108	85	60	65	125	9
Canada	27389	28838	29040	32117	30481	29573	187136	192069	205902	229514	211726	205269	13193	13521	14211	15757	14761	14289	11211	5074	16286	531
Cape Verde	1	0	0	0	0	0	138	137	169	137	144	145	10	10	12	9	10	10	1	10	10	24
Cayman Islands							410	534	545	665	645	560	29	38	38	46	45	39		39	39	1112
Central African Republic							145	146	131	117	107	129	10	10	9	8	7	9	4	9	13	3
Chad							334	356	316	317	620	389	24	25	22	22	43	27	3	27	30	4
Chile	969	869	973	1139	1305	1051	18221	18437	14628	17086	16438	16962	1285	1298	1010	1173	1146	1182	1955	861	2815	186
China	47461	46164	46892	54486	54542	49909	127737	127627	151846	205550	223428	167238	9005	8985	10480	14112	15577	11632	81531	7452	88983	71
Colombia	92	97	134	159	153	127	13338	12617	9044	9803	11043	11169	940	888	624	673	770	779	358	695	1053	25
Comoros							39	31	64	56	69	52	3	2	4	4	5	4		4	4	7
Congo, Dem Republic of							1133	1230	1108	920	1067	1092	80	87	76	63	74	76	58	76	134	3

Country	Virtual water export related to the export of industrial products						Import of industrial products						Virtual water import related to the import of industrial products						Water footprint due to the consumption of industrial products			
	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	Local products	Imported products	Total	Average per capita
	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	m ³ /cap/yr
Congo, Republic of							926	680	821	715	1070	842	65	48	57	49	75	59	11	59	70	24
Cook Islands							60	26	29	38	35	37	4	2	2	3	2	3		3	3	141
Costa Rica	251	352	373	303	262	308	4446	5695	5837	5875	6041	5579	313	401	403	403	421	388	262	241	503	133
Côte d'Ivoire	44	41	45	50	55	47	2206	2297	2670	2332	2058	2313	156	162	184	160	143	161	77	131	208	13
Croatia							7986	7446	7033	7110	8199	7555	563	524	485	488	572	526		526	526	120
Cuba	31	31	28	26	25	28	3083	3293	3461	3939	3935	3542	217	232	239	270	274	247	481	237	718	64
Cyprus	1	1	1	1	1	1	2617	2889	2871	3092	3250	2944	184	203	198	212	227	205	4	204	208	275
Czech Republic	1430	1536	1654	1939	2049	1722	24714	25867	25914	29987	34074	28111	1742	1821	1789	2059	2376	1957	763	986	1749	170
Denmark	238	241	250	287	293	262	37733	39462	38741	38851	38503	38658	2660	2778	2674	2667	2684	2693	296	2459	2755	517
Djibouti							204	240	252	270	254	244	14	17	17	19	18	17		17	17	27
Dominica							86	101	107	114	99	102	6	7	7	8	7	7		7	7	98
Dominican Republic	35	37	36	35	31	35	5679	6605	7006	8514	7754	7112	400	465	484	584	541	495	46	463	509	61
Ecuador	269	232	359	481	364	341	4407	4777	2595	3298	4815	3978	311	336	179	226	336	278	666	199	865	69
Egypt	898	622	628	776	722	729	8970	11865	11672	9693	8854	10211	632	835	806	665	617	711	6423	645	7068	112
El Salvador	89	95	96	105	104	98	3153	3349	3443	4255	4284	3697	222	236	238	292	299	257	134	199	333	54
Equatorial Guinea							358	317	425	451	711	452	25	22	29	31	50	31	9	31	41	90
Eritrea							397	380	382	344	408	382	28	27	26	24	28	27		27	27	7
Estonia	103	95	99	133	128	112	3616	3910	3462	4388	4516	3978	255	275	239	301	315	277	42	186	228	166
Ethiopia	1	1	6	9	10	5	935	1339	1391	1158	1533	1271	66	94	96	79	107	89	104	86	190	3
Faeroe Islands							265	280	361	430	397	347	19	20	25	30	28	24		24	24	508
Fiji Islands	2	3	3	3	3	3	833	590	771	719	641	711	59	42	53	49	45	49	6	47	53	66
Finland	1721	1733	1744	2031	1907	1827	28735	29977	29288	31851	29965	29963	2026	2110	2021	2187	2089	2087	1084	1147	2232	432
France	19863	20392	21047	24203	23858	21873	252826	274567	284087	308801	298979	283852	17824	19329	19607	21200	20845	19761	15094	10692	25785	439
French Polynesia							708	791	716	740	873	766	50	56	49	51	61	53		53	53	229
Gabon	12	12	19	12	14	14	972	939	662	812	695	816	69	66	46	56	48	57	11	46	57	47
Gambia	0	0	0	0	0	0	177	128	120	121	45	118	12	9	8	8	3	8	2	8	10	8
Georgia	185	179	190	241	226	204	798	743	462	500	545	610	56	52	32	34	38	43	534	31	566	107
Germany	22518	23038	23911	28494	29118	25416	394680	419518	425752	452179	444639	427354	27824	29533	29385	31043	31000	29757	18771	17496	36267	441
Ghana	8	8	12	20	21	14	1852	2179	3047	2529	2520	2425	131	153	210	174	176	169	54	158	213	11
Greece	231	222	221	297	242	243	22355	25569	26041	29654	24625	25649	1576	1800	1797	2036	1717	1785	775	1621	2397	227
Grenada							129	155	156	190	165	159	9	11	11	13	12	11		11	11	113
Guam							314	393	325	421	431	377	22	28	22	29	30	26		26	26	171
Guatemala	54	56	61	68	63	60	3268	4020	3742	4118	4747	3979	230	283	258	283	331	277	205	244	449	40
Guinea	12	7	8	10	11	10	466	377	377	457	453	426	33	27	26	31	32	30	24	25	48	7
Guinea-Bissau							89	68	69	59	74	72	6	5	5	4	5	5	1	5	6	5
Guyana							630	600	550	573	584	587	44	42	38	39	41	41	11	41	52	68
Haiti	1	1	0	1	1	1	648	797	1025	1036	1013	904	46	56	71	71	71	63	7	62	70	9
Honduras	34	30	26	28	28	29	1653	2097	2217	2344	2369	2136	117	148	153	161	165	149	76	130	206	32
Iceland	24	21	27	28	34	27	1754	2192	2237	2346	2019	2110	124	154	154	161	141	147	90	131	221	793
India	6229	5875	6506	7689	7441	6748	37870	38348	42117	47623	45569	42305	2670	2700	2907	3269	3177	2945	19065	2236	21301	21
Indonesia	183	358	305	359	345	310	36038	22633	18528	27788	25660	26130	2541	1593	1279	1908	1789	1822	404	1575	1979	10
Iran, Islamic Rep of	827	628	919	1284	896	911	10895	11673	9750	11353	14970	11728	768	822	673	779	1044	817	984	507	1492	24
Iraq							4000	4400	6900	13384	13200	8377	282	310	476	919	920	581	2055	581	2637	114
Ireland	940	1108	1097	1205	1231	1116	34256	39533	42916	47356	46529	42118	2415	2783	2962	3251	3244	2931	507	2037	2544	674
Israel	63	65	73	81	77	71	28346	27075	30878	35398	33171	30974	1998	1906	2131	2430	2313	2156	112	2088	2200	357

Country	Virtual water export related to the export of industrial products						Import of industrial products						Virtual water import related to the import of industrial products						Water footprint due to the consumption of industrial products			
	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	Local products	Imported products	Total	Average per capita
	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	m ³ /cap/yr
Italy	10065	9856	9751	11231	11108	10402	177428	185857	189745	208855	207477	193873	12508	13084	13096	14339	14465	13498	10133	8695	18828	326
Jamaica	31	29	27	28	27	28	2559	2446	2344	2782	2778	2582	180	172	162	191	194	180	59	159	219	85
Japan	4640	4568	4372	4723	4722	4605	271649	223896	251512	317326	292037	271284	19151	15762	17359	21785	20361	18883	13702	16376	30079	237
Jordan	24	21	28	20	34	25	3136	2866	2852	3655	3890	3280	221	202	197	251	271	228	35	207	242	50
Kazakhstan	3852	3939	4740	6297	5266	4819	3687	3806	3254	4531	5884	4232	260	268	225	311	410	295	1147	59	1206	79
Kenya	34	31	26	23	26	28	2667	2634	2429	2631	2679	2608	188	185	168	181	187	182	79	163	242	8
Kiribati							23	17	24	23	25	22	2	1	2	2	2	2		2	2	17
Korea, Dem People's Rep							1387	1013	1177	1686	1847	1422	98	71	81	116	129	99	2268	99	2367	107
Korea, Republic of	1737	2453	2225	2395	2282	2219	130603	83976	108668	147644	128594	119897	9207	5912	7500	10136	8965	8344	2256	6685	8941	191
Kuwait	10	8	8	7	7	8	6917	7250	6264	5957	6609	6599	488	510	432	409	461	460	13	452	465	238
Kyrgyzstan	113	149	154	134	124	135	603	715	515	448	361	528	42	50	36	31	25	37	180	22	202	41
Laos							706	553	525	535	528	569	50	39	36	37	37	40	134	40	174	33
Latvia	64	57	57	62	65	61	2305	2719	2520	2727	3007	2656	162	191	174	187	210	185	73	144	218	91
Lebanon	5	4	4	4	5	4	5884	5545	4898	5020	5931	5455	415	390	338	345	413	380	28	376	405	94
Lesotho							1025	863	781	728	681	816	72	61	54	50	47	57	17	57	73	36
Liberia							610	470	520	668	623	578	43	33	36	46	43	40	17	40	57	18
Libyan Arab Jamahiriya	69	52	76	99	104	80	6123	5466	3861	3732	4397	4716	432	385	266	256	307	329	101	271	372	71
Lithuania	41	35	30	37	40	37	4891	5028	4166	4765	5584	4887	345	354	288	327	389	341	37	308	345	98
Macedonia, The Fmr Yug Rp							1449	1554	1485	1794	1412	1539	102	109	103	123	98	107		107	107	53
Madagascar							586	585	646	857	805	696	41	41	45	59	56	48		48	48	3
Malawi	3	5	5	4	6	4	675	389	580	467	489	520	48	27	40	32	34	36	37	34	72	7
Malaysia	2522	3526	3592	3461	3329	3286	73783	54178	60511	77353	69036	66972	5202	3814	4176	5311	4813	4663	867	2282	3148	137
Maldives							260	257	298	290	295	280	18	18	21	20	21	20		20	20	72
Mali	0	0	0	0	0	0	603	625	688	670	840	685	43	44	47	46	59	48	15	48	63	6
Malta	1	1	1	1	1	1	2227	2348	2526	3095	2410	2521	157	165	174	212	168	175	0	174	175	449
Marshall Islands							61	67	69	68	55	64	4	5	5	5	4	4		4	4	87
Mauritania							438	359	305	312	374	357	31	25	21	21	26	25	39	25	64	24
Mauritius	49	53	49	47	45	48	1798	1662	1884	1747	1625	1743	127	117	130	120	113	121	41	88	129	109
Mexico	3732	3730	3821	3982	3683	3790	105949	121377	136112	171137	163390	139593	7469	8545	9394	11749	11391	9710	2998	7051	10048	103
Micronesia, Fed States of							75	49	40	74	75	63	5	3	3	5	5	4		4	4	37
Moldova, Republic of	834	672	983	1005	942	887	1012	920	539	655	742	774	71	65	37	45	52	54	765	25	791	185
Montserrat							27	14	17	17	12	17	2	1	1	1	1	1		1	1	231
Morocco	77	128	134	140	138	123	7783	8438	8123	9593	9102	8608	549	594	561	659	635	599	224	514	738	26
Mozambique	0	3	1	3	7	3	576	627	976	995	897	815	41	44	67	68	63	57	13	54	67	4
Myanmar							2037	2666	2300	2401	2877	2456	144	188	159	165	201	171	149	171	320	7
Namibia	9	9	10	9	9	9	1520	1415	1377	1297	1334	1388	107	100	95	89	93	97	9	88	98	56
Nauru							15	11	13	26	20	17	1	1	1	2	1	1		1	1	99
Nepal	10	9	13	14	10	11	1502	1084	1151	1333	1263	1267	106	76	79	92	88	88	31	80	111	5
Netherlands	7442	7085	7521	8998	8380	7885	163303	167882	178386	191907	181424	176580	11512	11819	12312	13175	12649	12293	2562	6611	9172	578
New Caledonia							751	774	840	761	817	789	53	54	58	52	57	55		55	55	261
New Zealand	63	67	67	76	76	70	13252	11378	13063	12702	12103	12500	934	801	902	872	844	871	187	814	1001	262
Nicaragua	11	3	3	3	3	5	1227	1209	1527	1522	1478	1393	87	85	105	104	103	97	29	93	122	24
Niger	8	7	6	6	3	6	245	294	237	236	222	247	17	21	16	16	15	17	9	14	22	2
Nigeria	368	251	736	662	639	531	7753	7514	6972	7090	9540	7774	547	529	481	487	665	542	383	306	688	5
Niue							2	2	3	2	1	2	0	0	0	0	0	0		0	0	66

Country	Virtual water export related to the export of industrial products						Import of industrial products						Virtual water import related to the import of industrial products						Water footprint due to the consumption of industrial products			
	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	Local products	Imported products	Total	Average per capita
	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	m ³ /cap/yr
Norway	1061	1018	1048	1126	1151	1081	32593	34220	31045	31436	29936	31846	2298	2409	2143	2158	2087	2219	1032	1567	2600	581
Oman	20	16	19	23	22	20	4179	4711	3586	3882	4470	4166	295	332	247	267	312	290	22	272	294	123
Pakistan	1482	1377	1404	1609	1756	1526	9043	7002	8028	8982	8509	8313	638	493	554	617	593	579	1706	331	2037	15
Panama	4	4	5	5	6	5	2675	2993	3096	2969	2585	2863	189	211	214	204	180	199	34	195	230	81
Papua New Guinea	25	31	37	37	38	33	1479	972	1001	954	841	1049	104	68	69	65	59	73	18	49	67	13
Paraguay	3	2	2	3	3	3	2724	2261	1574	1803	1850	2043	192	159	109	124	129	143	36	140	176	34
Peru	400	367	382	438	433	404	7241	6717	6259	6417	6203	6567	510	473	432	441	432	458	1379	372	1751	68
Philippines	2134	3294	3541	3706	3244	3184	35065	28297	29349	33923	31833	31693	2472	1992	2026	2329	2219	2208	805	713	1518	20
Poland	4896	4704	4798	5676	6259	5267	37777	42497	41770	44999	46134	42635	2663	2992	2883	3089	3216	2969	6890	1853	8742	226
Portugal	1326	1282	1270	1379	1342	1320	29537	32319	34008	34443	33916	32845	2082	2275	2347	2365	2365	2287	1411	1588	2999	300
Qatar	6	6	8	6	8	7	2905	2992	2100	2849	3309	2831	205	211	145	196	231	197	8	191	199	347
Romania	4926	4157	5171	5842	5901	5199	10397	10651	9473	11963	14178	11332	733	750	654	821	988	789	3527	336	3863	172
Russian Federation	23201	30626	43769	46092	40971	36932	54993	44279	29806	35828	42836	41548	3877	3117	2057	2460	2986	2899	13251	799	14050	96
Rwanda	0	0	0	0	1	0	235	203	192	143	184	191	17	14	13	10	13	13	11	13	24	3
Saint Kitts and Nevis							116	115	121	154	152	132	8	8	8	11	11	9		9	9	211
Saint Lucia							240	234	264	263	274	255	17	16	18	18	19	18		18	18	115
Saint Pierre & Miquelon							66	66	75	70	65	68	5	5	5	5	5	5		5	5	794
Saint Vincent/Grenadines							137	139	150	116	135	135	10	10	10	8	9	9		9	9	82
Samoa							97	97	115	106	130	109	7	7	8	7	9	8		8	8	44
Sao Tome and Principe							7	15	31	20	18	18	1	1	2	1	1	1		1	1	9
Saudi Arabia	142	117	122	148	148	136	23467	25058	22981	24575	26184	24453	1654	1764	1586	1687	1826	1703	181	1582	1763	86
Senegal	16	21	20	17	21	19	960	950	1068	1125	1233	1067	68	67	74	77	86	74	42	63	105	11
Serbia and Montenegro							3933	4092	2828	3237	4203	3659	277	288	195	222	293	255		255	255	24
Seychelles							298	342	392	300	434	353	21	24	27	21	30	25		25	25	305
Sierra Leone							93	95	81	149	182	120	7	7	6	10	13	8	11	8	19	4
Singapore							125923	96745	106075	129655	111325	113945	8877	6811	7321	8901	7761	7934		7934	7934	1981
Slovakia							10688	12006	10410	11868	13683	11731	753	845	718	815	954	817		817	817	151
Slovenia							8331	9100	8999	9135	9192	8952	587	641	621	627	641	623		623	623	314
Solomon Islands							158	128	110	92	81	114	11	9	8	6	6	8		8	8	19
Somalia							135	165	180	220	207	181	10	12	12	15	14	13	1	13	13	2
South Africa	834	820	889	985	1034	912	30756	27438	25029	28045	26783	27610	2168	1932	1727	1925	1867	1924	1123	1415	2538	60
Spain	3477	3729	3477	4203	3878	3753	98892	117969	118370	139008	137854	122418	6972	8305	8170	9543	9611	8520	5567	6499	12065	299
Sri Lanka	207	207	199	235	217	213	4852	4967	5082	6243	5136	5256	342	350	351	429	358	366	165	240	405	22
Sudan	2	7	65	155	51	56	1296	1591	1084	1177	1255	1280	91	112	75	81	87	89	189	74	262	9
Suriname	44	35	38	35	44	39	569	473	414	428	551	487	40	33	29	29	38	34	6	10	15	37
Swaziland	20	22	21	25	17	21	983	874	859	815	943	895	69	62	59	56	66	62	24	48	73	71
Sweden	1623	1531	1594	1759	1686	1639	59921	62552	62624	67172	57668	61987	4224	4404	4322	4612	4021	4316	1166	3123	4290	484
Switzerland	1457	1457	1517	1699	1643	1555	70001	73944	73786	77777	78447	74791	4935	5206	5093	5340	5469	5208	1057	3980	5037	703
Syrian Arab Republic	135	88	110	176	124	126	3103	3087	2949	2965	3184	3058	219	217	204	204	222	213	246	163	409	26
Tanzania, United Rep of	1	3	2	2	2	2	1090	1083	1264	1252	1411	1220	77	76	87	86	98	85	24	83	107	3
Thailand	1243	1643	1598	1913	1878	1655	57894	39247	46380	57451	57232	51641	4081	2763	3201	3944	3990	3596	1239	2491	3730	62
Togo	6	8	8	5	7	7	522	490	473	497	468	490	37	34	33	34	33	34	11	29	40	9
Tonga							48	44	48	45	48	47	3	3	3	3	3	3		3	3	33
Trinidad and Tobago	77	69	76	86	96	81	2640	2627	2399	2999	3193	2772	186	185	166	206	223	193	56	136	192	148
Tunisia	70	70	67	73	80	72	6793	7236	7545	7599	8464	7528	479	509	521	522	590	524	67	461	529	56

Country	Virtual water export related to the export of industrial products						Import of industrial products						Virtual water import related to the import of industrial products						Water footprint due to the consumption of industrial products			
	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	1997	1998	1999	2000	2001	Average 1997-2001	Local products	Imported products	Total	Average per capita
	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ US\$/yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	10 ⁶ m ³ /yr	m ³ /cap/yr
Turkey	1628	1639	1851	1759	2630	1902	43631	41600	37273	50370	38320	42239	3076	2929	2572	3458	2672	2941	2731	2112	4843	72
Turkmenistan	74	46	83	143	11	72	937	890	1197	1569	2030	1325	66	63	83	108	142	92	118	66	184	36
Tuvalu							4	7	5	2	1	4	0	0	0	0	0	0		0	0	28
Uganda	0	1	1	2	2	1	1145	1199	1175	1384	1446	1270	81	84	81	95	101	88	31	88	118	5
Ukraine	8790	9585	8149	11523	14024	10414	16092	13885	11354	13380	14488	13840	1134	977	784	919	1010	965	3673	265	3938	79
United Arab Emirates	157	140	148	210	182	167	27853	22510	22243	23755	26922	24657	1964	1585	1535	1631	1877	1718	183	1568	1751	613
United Kingdom	5383	4788	4821	5335	5237	5113	272002	285701	290027	311263	300204	291840	19175	20113	20017	21369	20930	20321	6673	16670	23343	398
United States of America	62307	57575	56499	61093	58503	59195	837187	881958	993302	1190185	1110780	1002682	59020	62088	68556	81710	77442	69763	170777	55286	226063	806
Uruguay	5	5	6	7	7	6	3235	3297	2901	2977	2611	3004	228	232	200	204	182	209	27	204	231	69
Uzbekistan							4185	3290	3110	2850	3020	3291	295	232	215	196	211	229	1151	229	1380	56
Vanuatu							74	68	76	69	73	72	5	5	5	5	5	5		5	5	26
Venezuela, Boliv Rep of	385	290	370	492	444	396	12888	13863	12126	14243	15917	13807	909	976	837	978	1110	962	360	700	1060	44
Viet Nam							10751	10400	10607	14265	14929	12190	758	732	732	979	1041	848	11280	848	12128	155
Yemen	18	25	17	13	15	17	2014	2167	2008	2324	2310	2165	142	153	139	160	161	151	33	137	170	10
Zambia	91	96	124	79	113	101	709	990	713	897	1184	899	50	70	49	62	83	63	58	29	87	9
Zimbabwe	45	50	58	43	19	43	2812	2490	1904	1662	1623	2098	198	175	131	114	113	146	85	121	206	16
World	332192	331304	351573	401042	393082	361838	4712103	4706158	5093937	5841577	5638087	5264610	332192	331304	351573	401042	393082	361838	476312	240453	705131	118
Virtual water export related to the industrial export (10 ⁹ m3/yr)							332192	331304	351573	401042	393082	361838										
Total industrial import (10 ⁶ US\$/yr)							4712103	4706158	5093937	5841577	5638087	5264610										
Global average industrial water use per unit industrial import (m ³ /US\$)							0.0705	0.0704	0.0690	0.0687	0.0697	0.0687										

Appendix XVIII. Virtual water flows per country related to international trade of crop, livestock and industrial products (1997-2001)

	Gross virtual water flows (10 ⁶ m ³ /yr)								Net virtual water import (10 ⁶ m ³ /yr)			
	Related to the trade of crop products		Related to the trade of livestock products		Related to the trade of industrial products		Total		Related to trade of crop products	Related to the trade of livestock products	Related to the trade of industrial products	Total
	Export	Import	Export	Import	Export	Import	Export	Import				
Afghanistan	191	446	1	4		32	191	483	255	4	32	292
Albania	35	829	49	247	40	52	124	1128	794	198	12	1004
Algeria	441	10980	43	1099	394	442	879	12521	10539	1056	48	11642
Andorra	2	192	2	200			3	392	190	198		388
Angola	800	1006	0	447	55	195	855	1648	206	447	140	793
Anguilla	1	2	0	0			1	2	1	0		1
Antigua	28	10	2	9		21	30	40	-18	7	21	11
Argentina	45952	3100	4178	811	499	1732	50629	5643	-42853	-3367	1233	-44987
Armenia	24	492	3	138	40	45	67	675	469	134	5	608
Aruba	338	123	1	29			338	151	-215	28		-187
Australia	46120	3864	26377	745	501	4399	72998	9007	-42256	-25633	3898	-63991
Austria	1996	5578	2852	2040	1248	4504	6095	12122	3582	-811	3256	6027
Azerbaijan	1037	1434	96	137	2668	77	3800	1648	397	41	-2591	-2153
Bahamas	39	48	2	139		98	41	286	9	138	98	245
Bahrain	32	294	10	127	21	246	63	666	262	117	225	604
Bangladesh	771	3670	652	86	162	415	1585	4171	2899	-566	254	2586
Barbados	107	118	8	94	7	60	122	273	11	85	54	151
Belarus	125	3360	119	376	1493	488	1738	4224	3235	257	-1005	2486
Belgium-Luxembourg	14688	31658	9825	4494	17703	10955	42217	47106	16970	-5332	-6749	4889
Belize	456	23	5	26	17	21	478	70	-433	20	4	-408
Benin	1937	386	8	28	4	34	1948	448	-1550	20	30	-1500
Bermuda	33	105	4	28		38	37	170	72	24	38	133
Bhutan	6	84	0	6	1	9	8	100	78	6	8	92
Bolivia	1858	711	395	53	12	111	2265	875	-1147	-342	99	-1390
Bosnia-Herzegovina	38	891	134	1097		205	172	2192	853	962	205	2020
Botswana	8	384	154	92	56	110	217	586	376	-62	54	369
Brazil	53713	17467	11911	1907	2211	3694	67835	23068	-36246	-10003	1483	-44767
Brunei	12	316	2	32		88	14	436	304	30	88	422
Bulgaria	1778	1203	423	500	9641	372	11843	2075	-575	77	-9269	-9767
Burkina Faso	1544	312	10	20	0	36	1554	368	-1232	9	36	-1186
Burundi	329	130	0	2	0	8	330	140	-199	1	8	-190
Cambodia	25	418	24	34		89	49	541	394	10	89	492
Cameroon	8300	1121	4	37	38	85	8342	1243	-7179	33	48	-7099
Canada	48321	16190	17424	4952	29573	14289	95318	35430	-32132	-12472	-15284	-59888
Cape Verde Isl	2	51	0	5	0	10	2	65	49	5	10	63
Cayman Islands	8	216	0	27		39	9	281	207	27	39	273
Central African Rep	650	47	0	1		9	650	57	-603	1	9	-593
Chad	1960	64	6	2		27	1966	94	-1895	-4	27	-1872
Chile	1122	3415	265	1186	1051	1182	2438	5783	2293	921	131	3345
China	17429	36260	5640	15247	49909	11632	72978	63139	18831	9608	-38277	-9839
Cocos Isl	26	2	1	0			27	2	-24	-1		-25
Colombia	10783	6169	487	310	127	779	11397	7258	-4614	-177	652	-4139
Comoros	72	152	0	67		4	72	223	81	66	4	151
Congo	259	396	0	107		59	259	561	136	107	59	302
Costa Rica	2979	1262	365	102	308	388	3652	1753	-1717	-263	80	-1899
Croatia	464	1254	308	1284		526	772	3064	790	976	526	2292
Cuba	8628	2223	15	317	28	247	8671	2787	-6405	302	218	-5884
Cyprus	245	1012	67	62	1	205	314	1279	767	-5	204	965
Czech Republic	2039	3845	867	683	1722	1957	4628	6486	1806	-184	236	1858
Denmark	2696	6460	9462	1567	262	2693	12419	10719	3764	-7895	2431	-1700
Djibouti	10	307	5	17		17	15	341	296	13	17	326

	Gross virtual water flows (10 ⁶ m ³ /yr)								Net virtual water import (10 ⁶ m ³ /yr)			
	Related to the trade of crop products		Related to the trade of livestock products		Related to the trade of industrial products		Total		Related to trade of crop products	Related to the trade of livestock products	Related to the trade of industrial products	Total
	Export	Import	Export	Import	Export	Import	Export	Import				
Dominica	50	28	5	9		7	55	44	-22	4	7	-11
Dominican Republic	3309		67		35	495	3410	495	-3309	-67	460	-2916
Ecuador	7385	1426	67	48	341	278	7792	1752	-5959	-18	-63	-6040
Egypt	1755	11445	221	1466	729	711	2705	13622	9690	1245	-18	10917
El Salvador	2718	1346	72	405	98	257	2888	2008	-1372	333	159	-880
Equatorial Guinea	476	56		13		31	476	100	-420	13	31	-376
Eritrea	14	238	18	7		27	31	272	225	-11	27	241
Estonia	399	2962	162	394	112	277	673	3634	2563	232	165	2961
Ethiopia	2143	346	90	2	5	89	2238	437	-1797	-88	83	-1801
Faeroes	1	31	0	21		24	1	77	30	21	24	75
Falkland Isl	14	3	0	1			14	4	-11	1		-10
Fiji	564		9		3	49	577	49	-564	-9	47	-527
Finland	1015	2737	569	355	1827	2087	3412	5179	1722	-214	260	1767
France	43410	40577	13222	11829	21873	19761	78505	72166	-2833	-1393	-2112	-6338
French Polynesia	21	80		108		53	21	241	58	108	53	220
Gabon	70	328	0	112	14	57	84	497	258	112	43	413
Gambia	142	479	1	21	0	8	142	509	337	21	8	366
Georgia	347	242	217	23	204	43	768	308	-105	-193	-162	-460
Germany	27630	59751	17432	16062	25416	29757	70478	105570	32121	-1370	4341	35092
Ghana	19501	1482	2	69	14	169	19516	1720	-18019	67	155	-17797
Gibraltar	1	24	2	20			3	44	23	18		42
Greece	4634	4548	336	4255	243	1785	5212	10588	-86	3919	1543	5375
Greenland	3	13	1	25			4	38	9	24		34
Grenada	176	32	0	18		11	176	62	-144	18	11	-114
Guatemala	5684	1416	166	350	60	277	5911	2043	-4268	183	217	-3868
Guinea	886	859	2	20	10	30	898	909	-27	18	20	11
Guinea-Bissau	33	52		3		5	33	59	19	3	5	26
Guyana	1033	94	1	24		41	1034	159	-940	23	41	-876
Haiti	253		5		1	63	258	63	-253	-5	62	-195
Honduras	3043	517	77	135	29	149	3149	801	-2526	58	119	-2348
Hong Kong	304	8773	380	18790			684	27563	8469	18410		26878
Hungary	3495	2795	8586	628			12081	3423	-700	-7958		-8658
Iceland	9	165	62	2	27	147	98	314	156	-60	120	216
India	32411	13941	3406	343	6748	2945	42565	17228	-18470	-3063	-3803	-25337
Indonesia	24750	26917	371	1666	310	1822	25430	30405	2167	1296	1512	4975
Iran	3587	18150	314	474	911	817	4812	19442	14563	160	-94	14630
Iraq	703	2901	5	280		581	707	3762	2198	275	581	3055
Ireland	623	3385	6239	839	1116	2931	7978	7155	2762	-5400	1815	-823
Israel	575	4111	140	687	71	2156	786	6954	3537	547	2084	6168
Italy	12920	47164	14912	28295	10402	13498	38234	88957	34244	13383	3096	50723
Ivory Coast	35029	2048	13	119	47	161	35089	2328	-32981	106	114	-32761
Jamaica	489	621	11	199	28	180	529	999	132	187	151	470
Japan	954	59015	955	20328	4605	18883	6513	98227	58061	19374	14279	91714
Jordan	97	4103	165	462	25	228	287	4794	4006	297	203	4506
Kazakhstan	7363	317	648	70	4819	295	12830	682	-7046	-578	-4524	-12148
Kenya	4638	2361	161	13	28	182	4828	2555	-2277	-149	154	-2272
Kiribati	1	13		7		2	1	21	12	7	2	20
Kuwait	30	1058	23	441	8	460	61	1960	1028	419	452	1899
Kyrgyzstan	296		128		135	37	558	37	-296	-128	-98	-521
Laos	246	161	22	10		40	268	211	-85	-12	40	-57
Latvia	387	661	192	148	61	185	640	995	275	-44	124	355
Lebanon	212	2744	75	1379	4	380	291	4503	2532	1304	376	4212
Liberia	195	167	0	25		40	195	233	-28	25	40	38
Libya	102	3372	51	404	80	329	233	4105	3270	353	249	3872

	Gross virtual water flows (10 ⁶ m ³ /yr)								Net virtual water import (10 ⁶ m ³ /yr)			
	Related to the trade of crop products		Related to the trade of livestock products		Related to the trade of industrial products		Total		Related to trade of crop products	Related to the trade of livestock products	Related to the trade of industrial products	Total
	Export	Import	Export	Import	Export	Import	Export	Import				
Lithuania	339	1229	591	291	37	341	967	1861	890	-300	304	894
Macau	3	160	5	121			8	281	156	117		273
Macedonia	154	555	37	337		107	191	1000	401	300	107	809
Madagascar	3249	291	28	6		48	3277	345	-2958	-22	48	-2932
Malawi	778	132	2	9	4	36	784	177	-646	8	32	-607
Malaysia	23881	16720	1012	2439	3286	4663	28179	23822	-7161	1427	1377	-4357
Maldives	2	190		234		20	2	443	187	234	20	441
Mali	3368	92	9	6	0	48	3378	145	-3277	-4	47	-3233
Malta	22	317	2	177	1	175	26	669	295	175	174	644
Marshall Isl	16	13		7		4	16	24	-3	7	4	8
Mauritania	2	945	2	21		25	4	992	944	20	25	988
Mauritius	647	1033	33	258	48	121	728	1412	386	225	73	684
Mexico	11784	26956	5757	13418	3790	9710	21331	50084	15173	7661	5920	28754
Micronesia	4	26	0	19		4	4	50	22	19	4	45
Moldavia	1390	133	304	43	887	54	2582	230	-1257	-261	-833	-2351
Mongolia	8	73	1744	2			1752	74	64	-1742		-1678
Montserrat	9	1		0		1	9	2	-8	0	1	-6
Morocco	1327	6127	225	164	123	599	1676	6891	4800	-61	476	5216
Mozambique	1112		6		3	57	1121	57	-1112	-6	54	-1064
Myanmar	1447	885	100	72		171	1547	1128	-562	-28	171	-419
N. Mariana	7	75	14	35		55	21	166	69	21	55	145
Namibia	3	48	99	3	9	97	111	147	45	-96	88	37
Nauru	1	2	0	6		1	2	9	0	6	1	7
Nepal	140	587	51	16	11	88	203	691	447	-36	77	488
Netherland Antilles	152	113	7	117			158	230	-38	110		72
Netherlands	34529	48607	15146	7852	7885	12293	57561	68753	14078	-7294	4408	11192
New Zealand	327	1600	8984	300	70	871	9381	2770	1273	-8684	801	-6611
Nicaragua	1721	655	537	100	5	97	2262	852	-1066	-436	92	-1410
Niger	120	592	7	12	6	17	132	622	473	5	11	490
Nigeria	8673	5541	64	253	531	542	9268	6335	-3132	189	11	-2933
North Korea	31	1915	19	67		99	50	2081	1884	48	99	2031
Norway	257	2619	276	168	1081	2219	1615	5006	2361	-108	1138	3391
Oman	200	2250	53	590	20	290	272	3130	2050	537	271	2858
Pakistan	7381	8879	612	98	1526	579	9518	9555	1498	-514	-947	37
Panama	658	566	207	101	5	199	869	866	-92	-106	195	-3
Papua New Guinea	6392	8054	6	159	33	73	6432	8286	1662	153	40	1854
Paraguay	5311	231	911	58	3	143	6225	432	-5079	-853	140	-5793
Peru	2403	4410	24	404	404	458	2831	5272	2007	380	54	2441
Philippines	8454	10115	54	2524	3184	2208	11691	14846	1661	2471	-976	3155
Poland	1927	10425	2190	1321	5267	2969	9383	14715	8499	-869	-2298	5332
Portugal	2633	9631	780	2856	1320	2287	4733	14774	6998	2076	967	10041
Qatar	14	195	9	63	7	197	29	455	181	54	190	425
Romania	2187	2538	668	1799	5199	789	8054	5126	351	1130	-4410	-2929
Russia	8297	30925	2503	12243	36932	2899	47732	46067	22627	9740	-34032	-1665
Rwanda	219	255	4	7	0	13	224	275	36	2	13	51
Samoa	19	15		27		8	19	50	-3	27	8	31
Sao Tome + Principe	203	24	1	209		1	205	234	-179	207	1	29
Saudi Arabia	362	10598	556	2006	136	1703	1054	14308	10236	1450	1568	13254
Senegal	3201	3418	22	65	19	74	3242	3557	217	43	55	315
Seychelles	37	104	0	16		25	37	144	67	15	25	107
Sierra Leone	95	139	0	10		8	95	157	44	9	8	62
Singapore	4852	7238	364	1825		7934	5216	16997	2386	1461	7934	11781
Slovakia	728	1444	304	610		817	1032	2871	716	306	817	1840
Slovenia	163	1271	393	666		623	556	2560	1108	273	623	2004

	Gross virtual water flows (10 ⁶ m ³ /yr)								Net virtual water import (10 ⁶ m ³ /yr)			
	Related to the trade of crop products		Related to the trade of livestock products		Related to the trade of industrial products		Total		Related to trade of crop products	Related to the trade of livestock products	Related to the trade of industrial products	Total
	Export	Import	Export	Import	Export	Import	Export	Import				
Solomon Isl	147	241	0	4		8	147	254	94	4	8	107
Somalia	43	730	129	2		13	172	744	686	-127	13	572
South Africa	6326	7752	1312	1019	912	1924	8550	10695	1426	-293	1011	2145
South Korea	997	24801	3930	6097	2219	8344	7146	39242	23804	2166	6126	32096
Spain	18252	30483	8541	5972	3753	8520	30545	44975	12231	-2569	4767	14430
Sri Lanka	2381	1373	46	83	213	366	2640	1822	-1008	37	153	-818
St Helena	0	44	0	1			0	45	44	1		45
St Kitts	39	8	0	11		9	39	28	-31	11	9	-11
St Lucia	111	37		22		18	111	77	-74	22	18	-34
St Vincent	108	51	0	12		9	108	73	-56	12	9	-34
St. Piere Maq.	5	1	0	1		5	5	7	-4	0	5	1
Sudan	7251	520	273	10	56	89	7580	619	-6730	-263	33	-6960
Surinam	178	21	1	5	39	34	219	60	-157	4	-5	-158
Swaziland		134	0	41	21	62	21	237	134	41	41	216
Sweden	2034	4737	808	1203	1639	4316	4481	10256	2703	395	2678	5776
Switzerland-Liechtenste	1163	6172	401	752	1555	5208	3119	12132	5008	351	3654	9013
Syria	4025	3131	512	143	126	213	4664	3488	-894	-368	87	-1176
Taiwan	329	11708	3559	3535			3888	15243	11380	-24		11355
Tajikistan	1014		36				1049		-1014	-36		-1049
Tanzania	3173	970	52	11	2	85	3227	1066	-2203	-41	83	-2161
Thailand	38429	9761	2856	1761	1655	3596	42940	15117	-28668	-1096	1941	-27823
Togo	1920	400	2	8	7	34	1929	443	-1519	6	27	-1486
Tokelau Isl	2	1	0	1			2	2	-1	1		0
Trinidad and Tobago	350	493	15	169	81	193	446	854	143	153	112	409
Tunisia	11013	3502	78	211	72	524	11162	4237	-7510	133	452	-6925
Turkey	11069	14069	337	1206	1902	2941	13308	18216	3000	869	1040	4908
Turkmenistan	1071	165	27	43	72	92	1170	301	-906	16	21	-869
Tuvalu		1		1		0		2	1	1	0	2
Uganda	4432	1201	77	3	1	88	4511	1293	-3231	-74	87	-3218
Ukraine	8154	2205	2447	1025	10414	965	21016	4195	-5949	-1423	-9449	-16821
United Arab Emirates	4603		475		167	1718	5245	1718	-4603	-475	1551	-3527
United Kingdom	8773	33742	3786	10163	5113	20321	17672	64226	24968	6378	15208	46554
Uruguay	2009	555	3356	159	6	209	5371	923	-1454	-3197	203	-4448
USA	134623	73129	35484	32919	59195	69763	229303	175811	-61495	-2564	10568	-53491
Uzbekistan	6533	1195	55	209		229	6588	1634	-5338	154	229	-4954
Vanatu	138		22			5	160	5	-138	-22	5	-155
Venezuela	1394	4931	389	435	396	962	2179	6328	3537	46	566	4149
Vietnam	11124	2278	165	291		848	11289	3417	-8846	126	848	-7872
Virgin Isl	21	124	0	3		14	21	141	103	3	14	120
Yemen	243	3638	37	168	17	151	297	3957	3395	131	133	3659
Yugoslavia	518	942	144			255	662	1197	424	-144	255	535
Zaire	796	328	0	73		76	797	477	-469	73	76	-320
Zambia	508	237	14		101	63	623	299	-271	-14	-38	-323
Zimbabwe	3032		319		43	146	3394	146	-3032	-319	103	-3247
Others	110	3356	1	1815		6993	111	12164	3247	1813	6993	12053
Total	986259	986259	276222	276222	361838	361838	1624319	1624319	0	0	0	

Appendix XIX. International virtual water flows by product (1997-2001)

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
090111	Coffee, not roasted, not decaffeinated	79855	6.32
100190	Wheat nes and meslin	75650	5.99
120100	Soya beans	69460	5.50
180100	Cocoa beans, whole or broken, raw or roasted	62387	4.94
100630	Rice, semi-milled or wholly milled, whether or not polished or glazed	51640	4.09
520100	Cotton, not carded or combed	48043	3.80
230400	Soya-bean oil-cake&oth solid residues,whether or not ground or pellet	46735	3.70
100590	Maize (corn) nes	38843	3.08
020230	Bovine cuts boneless, frozen	32188	2.55
170111	Raw sugar, cane	32116	2.54
100110	Durum wheat	28487	2.26
410422	Bovine leather, otherwise pre-tanned, nes	28364	2.25
151190	Palm oil and its fractions refined but not chemically modified	25553	2.02
180400	Cocoa butter, fat and oil	23575	1.87
100300	Barley	20149	1.60
150910	Olive oil, virgin	19427	1.54
020130	Bovine cuts boneless, fresh or chilled	17963	1.42
010290	Bovine, live except pure-bred breeding	16860	1.33
170199	Refined sugar, in solid form, nes	16645	1.32
120500	Rape or colza seeds, whether or not broken	16153	1.28
410121	Bovine hides, whole, fresh or wet-salted	14864	1.18
151211	Sunflower-seed or safflower oil, crude	12556	0.99
150710	Soya-bean oil crude, whether or not degummed	11296	0.89
120600	Sunflower seeds, whether or not broken	11237	0.89
110100	Wheat or meslin flour	11179	0.89
100620	Rice, husked (brown)	9778	0.77
020329	Swine cuts, frozen nes	9169	0.73
180310	Cocoa paste not defatted	8717	0.69
151110	Palm oil, crude	8513	0.67
100640	Rice, broken	8505	0.67
020120	Bovine cuts bone in, fresh or chilled	8219	0.65
040690	Cheese nes	8217	0.65
120740	Sesamum seeds, whether or not broken	7505	0.59
080300	Bananas including plantains, fresh or dried	7503	0.59
160250	Bovine meat and meat offal nes,excluding livers, prepared or preserved	7243	0.57
050400	Guts, bladders and stomachs of animals except fish whole or in pieces	7026	0.56
151311	Coconut (copra) oil crude	6948	0.55
160100	Sausage&sim prod of meat,meat offal/blood&food prep basd on these prod	6904	0.55
151530	Castor oil&its fractions,whether/not refind,but not chemically modifid	6858	0.54
151219	Sunflower-sed/safflower oil&their fractions refind but nt chem modifid	6830	0.54
090240	Black tea (fermented) & partly fermented tea in packages exceedg 3 kg	6767	0.54
180500	Cocoa powder, not containing added sugar or other sweetening matter	6719	0.53
170290	Sugar nes, including invert sugar	6659	0.53
150790	Soya-bean oil and its fractions, refined but not chemically modified	6630	0.52
100700	Grain sorghum	6604	0.52
020312	Hams, shoulders and cuts thereof, of swine bone in, fresh or chilled	6135	0.49
110710	Malt, not roasted	5989	0.47
020319	Swine cuts, fresh or chilled, nes	5885	0.47
040210	Milk powder not exceeding 1.5% fat	5885	0.47
090121	Coffee, roasted, not decaffeinated	5484	0.43
150990	Olive oil and its fractions refined but not chemically modified	5031	0.40

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
410439	Bovine and equine leather, nes	4481	0.35
180320	Cocoa paste wholly or partly defatted	4471	0.35
151490	Rape,colza o mustard oil&their fract,refind but not chemically modifid	4303	0.34
040221	Milk and cream powder unsweetened exceeding 1.5% fat	4202	0.33
100610	Rice in the husk (paddy or rough)	4100	0.32
040120	Milk not concentrated & unsweetened exceeding 1% not exceeding 6% fat	4010	0.32
420500	Articles of leather or of composition leather, nes	3910	0.31
020629	Bovine edible offal, frozen nes	3724	0.29
230630	Sunflower sed oil-cake&oth solid residues,whether/not ground/pellet	3668	0.29
410431	Bovine and equine leather, full/split grains, nes	3642	0.29
010392	Swine, live except pure-bred breeding weighing 50 kg or more	3624	0.29
020220	Bovine cuts bone in, frozen	3607	0.29
020311	Swine carcasses and half carcasses, fresh or chilled	3607	0.29
150810	Ground-nut oil, crude	3423	0.27
120220	Ground-nuts shelld,whether or not broken,not roastd or otherwise cookd	3393	0.27
071340	Lentils dried, shelled, whether or not skinned or split	3388	0.27
020110	Bovine carcasses and half carcasses, fresh or chilled	3354	0.27
170230	Glucose&glucose syrup nt cntg fruct/cntg in dry state <20% by wt fruct	3347	0.26
100400	Oats	3309	0.26
230640	Rape/colza sed oil-cake&oth solid residues,whether/not ground/pellet	3254	0.26
021090	Meat&edible meat offal cured nes&edible meat or offal,flours&meals	3130	0.25
410429	Bovine and equine leather, tanned or retanned, nes	3010	0.24
151410	Rape, colza or mustard oil crude	2959	0.23
170310	Cane molasses	2790	0.22
090112	Coffee, not roasted, decaffeinated	2762	0.22
080222	Hazelnuts or filberts, fresh or dried, shelled or peeled	2718	0.22
230660	Palm nut/kernel oil-cake&oth solid residues,whether/not ground/pellet	2715	0.21
090700	Cloves (whole fruit, cloves and stems)	2682	0.21
080212	Almonds,fresh or dried,shelled or peeled	2668	0.21
071310	Peas dried, shelled, whether or not skinned or split	2659	0.21
220421	Grape wines nes,incl fort&grape must,unfermntd by add alc in ctrn<=2l	2574	0.20
120400	Linseed, whether or not broken	2384	0.19
020621	Bovine tongues, edible offal, frozen	2317	0.18
040700	Eggs, bird, in shell, fresh, preserved or cooked	2274	0.18
410410	Bovine skin leather, whole	2220	0.18
021019	Swine meat cured, nes	2165	0.17
411000	Parings and other waste of leather; leather dust, powder and flour	2163	0.17
240120	Tobacco, unmanufactured, partly or wholly stemmed or stripped	2150	0.17
200911	Orange juice,unfermentd¬ spiritd,whether/not sugard/sweet,frozen	2073	0.16
071333	Kidney beans&white pea beans drid shelld,whether o not skinnd o split	2073	0.16
180610	Cocoa powder, containing added sugar or other sweetening matter	2062	0.16
071410	Manioc (cassava), fresh or dried, whether or not sliced or pelleted	1983	0.16
080290	Nuts edible, fresh or dried, whether or not shelled or peeled, nes	1872	0.15
080250	Pistachios, fresh or dried, whether or not shelled or peeled	1845	0.15
010410	Sheep, live	1797	0.14
020210	Bovine carcasses and half carcasses, frozen	1775	0.14
080510	Oranges, fresh or dried	1759	0.14
240110	Tobacco, unmanufactured, not stemmed or stripped	1758	0.14
090230	Black tea (fermented)&partly fermentd tea in packages not exceedg 3 kg	1749	0.14
080620	Grapes, dried	1731	0.14
410129	Hide sections, bovine, nes, fresh or wet-salted	1717	0.14
080810	Apples, fresh	1667	0.13
220429	Grape wines nes,incl fort&grape must,unfermntd by add alc,in ctrn > 2l	1579	0.12

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
081090	Fruits, fresh nes	1555	0.12
071320	Chickpeas, dried, shelled, whether or not skinned or split	1552	0.12
090420	Fruits of the genus Capsicum or Pimenta, dried, crushed or ground	1537	0.12
120810	Soya bean flour and meals	1446	0.11
160239	Dom fowl,duck,goose&guinea fowl meat&meat offal prep/presvd exc livers	1417	0.11
220300	Beer made from malt	1405	0.11
410710	Swine leather, nes	1377	0.11
151319	Coconut (copra) oil&its fractions refined but not chemically modified	1354	0.11
410210	Sheep or lamb skins, raw, with wool on, nes	1350	0.11
110814	Manioc (cassava) starch	1346	0.11
020442	Sheep cuts, bone in, frozen	1325	0.10
020322	Hams, shoulders and cuts thereof, of swine, bone in, frozen	1321	0.10
040630	Cheese processed, not grated or powdered	1315	0.10
230500	Ground-nut oil-cake&oth solid residues,whether or not ground or pellet	1315	0.10
040610	Cheese, fresh (including whey cheese) unfermented, and curd	1249	0.10
410110	Bovine skins, whole, raw	1242	0.10
090610	Cinnamon and cinnamon-tree flowers neither crushed nor ground	1238	0.10
120720	Cotton seeds, whether or not broken	1224	0.10
230650	Coconut/copra oil-cake&oth solid residues,whether/not ground/pellet	1129	0.09
010119	Horses, live except pure-bred breeding	1119	0.09
080610	Grapes, fresh	1080	0.09
020649	Swine edible offal, frozen nes	1072	0.08
080520	Mandarins(tang&sats)clementines&wilkgs &sim citrus hybrids,fresh/drid	1068	0.08
200980	Fruit&veg juice nes (exc mx) unferment unspirtd,whether/not sug/sweet	1050	0.08
080410	Dates, fresh or dried	992	0.08
020610	Bovine edible offal, fresh or chilled	967	0.08
040130	Milk and cream not concentrated and unsweetened exceeding 6% fat	962	0.08
411100	Composition leather, in slabs, sheets or strip	940	0.07
200919	Orange juice nes,unfermentd¬ spirtd,whether or not sugard or sweet	939	0.07
080450	Guavas, mangoes and mangosteens, fresh or dried	902	0.07
070190	Potatoes, fresh or chilled nes	900	0.07
010210	Bovine, live pure-bred breeding	888	0.07
020622	Bovine livers, edible offal, frozen	887	0.07
090411	Pepper of the genus Piper,ex cubeb pepper,neither crushd nor ground	877	0.07
200970	Apple juice unfermented¬ spirtd whether or not sugard or sweetend	871	0.07
151511	Linseed oil, crude	864	0.07
110419	Cereals, rolled or flaked grains nes	856	0.07
071331	Urd,mung,black/green gram beans drid shelld,whether/not skinnd/split	842	0.07
160241	Hams and cuts thereof of swine prepared or preserved	841	0.07
020890	Meat and edible meat offal, nes fresh, chilled or frozen	841	0.07
230620	Linseed oil-cake&other solid residues,whether or not ground or pellet	832	0.07
230610	Cotton sed oil-cake&oth solid residues,whether or not ground or pellet	831	0.07
410390	Raw hides and skins of animals, nes	830	0.07
160249	Swine meat&meat offal nes/exc livers/ incl mixtures,prepard o preservd	829	0.07
100200	Rye	828	0.07
040110	Milk not concentrated and unsweetened not exceeding 1% fat	819	0.06
020900	Pig fat lean meat free&poultry fat unrenderd,frsh,childd,frozn or curd	816	0.06
040291	Milk and cream unsweetened, nes	807	0.06
110812	Maize (corn) starch	806	0.06
110900	Wheat gluten, whether or not dried	805	0.06
090810	Nutmeg	794	0.06
020443	Sheep cuts, boneless, frozen	781	0.06
071339	Beans dried, shelled, whether or not skinned or split, nes	755	0.06

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
040310	Yogurt concentratd o not,sweetend o not,flavourd o contg fruit o cocoa	743	0.06
040410	Whey whether or not concentrated or sweetened	742	0.06
070310	Onions and shallots, fresh or chilled	741	0.06
040390	Buttermilk,curdled milk & cream,kephir & ferm or acid milk & cream nes	732	0.06
100890	Cereals unmilled nes	727	0.06
170260	Fructose&fructose syrup nes,cntg in dry state >50% by wght of fructose	720	0.06
200990	Mixtures of juices unfermentd¬ spiritd whether o not sugard o sweet	716	0.06
151529	Maize (corn) oil and its fractions,refined but not chemically modified	702	0.06
100820	Millet	699	0.06
080820	Pears and quinces, fresh	687	0.05
170390	Molasses nes	677	0.05
040229	Milk and cream powder sweetened exceeding 1.5% fat	662	0.05
020321	Swine carcasses and half carcasses, frozen	652	0.05
110430	Germ of cereals, whole, rolled, flaked or ground	644	0.05
110720	Malt, roasted	637	0.05
530310	Jute and other textile bast fibres, raw or retted	633	0.05
080930	Peaches, including nectarines, fresh	608	0.05
081340	Fruits, dried nes	607	0.05
100830	Canary seed	593	0.05
170240	Glucose inc syrup cntg in dry state min 20% but <50% by wt of fructose	591	0.05
520300	Cotton, carded or combed	590	0.05
151000	Oils&thr fract nes obt from olives,ref'd/not,not chem mod,incl blends	584	0.05
020500	Horse, ass, mule or hinny meat, fresh, chilled or frozen	570	0.05
151519	Linseed oil and its fractions, refined but not chemically modified	568	0.04
090500	Vanilla beans	566	0.04
090122	Coffee, roasted, decaffeinated	564	0.04
120300	Copra	561	0.04
080530	Lemons and limes, fresh or dried	554	0.04
020410	Lamb carcasses and half carcasses, fresh or chilled	552	0.04
040299	Milk and cream nes sweetened	549	0.04
160210	Homogenized preparations of meat and meat offal	547	0.04
200940	Pineapple juice,unfermented¬ spiritd,whether or not sugard or sweet	535	0.04
051110	Semen bovine	529	0.04
010391	Swine, live except pure-bred breeding weighing less than 50 kg	520	0.04
120799	Oil seeds and oleaginous fruits, nes, whether or not broken	514	0.04
240130	Tobacco refuse	513	0.04
021012	Bellies, streaky and cuts thereof, swine cured	513	0.04
071080	Vegetables, frozen nes	511	0.04
010600	Animals, live nes	504	0.04
410900	Patent leather and patent laminated leather; metallised leather	497	0.04
110230	Rice flour	490	0.04
071350	Broad beans&horse beans dried,shelled,whether or not skinned or split	490	0.04
071040	Sweet corn, frozen	485	0.04
120890	Flours and meals of oil seeds or oleaginous fruits,except mustard,nes	482	0.04
530410	Sisal and other textile fibres of the genus Agave, raw	482	0.04
530521	Abaca fibre, raw	475	0.04
080232	Walnuts, fresh or dried, shelled or peeled	470	0.04
160242	Shoulders and cut thereof of swine prepared or preserved	462	0.04
151321	Palm kernel or babassu oil, crude	457	0.04
081310	Apricots, dried	451	0.04
070990	Vegetables, fresh or chilled nes	447	0.04
110290	Cereal flour nes	442	0.04
151229	Cotton-seed and its fractions refined but not chemically modified	433	0.03

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
100810	Buckwheat	430	0.03
410130	Bovine hides, raw, nes	428	0.03
200960	Grape juice (incl grape must) unferment&unspirited,wthr/nt sug/sweet	425	0.03
410421	Bovine leather, vegetable pre-tanned, nes	417	0.03
110313	Maize (corn) groats and meal	413	0.03
410512	Sheep or lamb skin leather, otherwise pre-tanned	406	0.03
151521	Maize (corn) oil crude	405	0.03
530130	Flax tow and waste (including yarn waste and garnetted stock)	402	0.03
150890	Ground-nut oil and its fractions refined but not chemically modified	402	0.03
110311	Wheat groats and meal	400	0.03
080420	Figs, fresh or dried	394	0.03
520210	Cotton yarn waste (including thread waste)	394	0.03
151550	Sesame oil&its fractions whether/not refined,but not chemically modified	382	0.03
080940	Plums and sloes, fresh	381	0.03
040620	Cheese, grated or powdered, of all kinds	381	0.03
200930	Citrus fruit juice nes exc mx unferment unspirited,wthr/nt sug/sweet	379	0.03
520291	Garnetted stock of cotton	376	0.03
110429	Cereals, hulled, pearled, sliced or kibbled nes	369	0.03
080440	Avocados, fresh or dried	369	0.03
110423	Maize (corn), hulled, pearled, sliced or kibbled	358	0.03
410122	Butts and bends, bovine, fresh or wet-salted	351	0.03
070920	Asparagus, fresh or chilled	350	0.03
151329	Palm kernel/babassu oil their fract,refined but not chemically modified	345	0.03
120710	Palm nuts and kernels, whether or not broken	345	0.03
110813	Potato starch	341	0.03
070320	Garlic, fresh or chilled	340	0.03
070200	Tomatoes, fresh or chilled	335	0.03
080240	Chestnuts, fresh or dried, whether or not shelled or peeled	333	0.03
220410	Grape wines, sparkling	331	0.03
160290	Meat, meat offal or blood, prepared or preserved, nes	315	0.02
410221	Sheep or lamb skins, pickled, without wool on	312	0.02
120210	Ground-nuts in shell not roasted or otherwise cooked	301	0.02
160231	Turkey meat and meat offal prepared or preserved, excluding livers	300	0.02
020422	Sheep cuts, bone in, fresh or chilled	299	0.02
090220	Green tea (not fermented) in packages exceeding 3 kg	299	0.02
080540	Grapefruit, fresh or dried	298	0.02
021011	Hams, shoulders and cuts thereof, of swine bone in, cured	292	0.02
080920	Cherries, fresh	287	0.02
120730	Castor oil seeds, whether or not broken	282	0.02
160220	Livers of any animal prepared or preserved	279	0.02
110412	Oats, rolled or flaked grains	279	0.02
120750	Mustard seeds, whether or not broken	278	0.02
110811	Wheat, starch	272	0.02
081320	Prunes, dried	259	0.02
110220	Maize (corn) flour	256	0.02
021020	Bovine meat cured	255	0.02
220820	Spirits obtained by distilling grape wine or grape marc	253	0.02
091099	Spices nes	248	0.02
180200	Cocoa shells, husks, skins and other cocoa waste	245	0.02
120760	Safflower seeds, whether or not broken	244	0.02
091010	Ginger	236	0.02
080231	Walnuts in shell, fresh or dried	235	0.02
110319	Cereal groats and meal nes	232	0.02

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
050210	Bristles, hair and waste of pigs, hogs or boars	223	0.02
121490	Swedes, mangold, fodder root, hay, clover, sainfoin, forag kale, etc	222	0.02
530121	Flax fibre, broken or scutched	221	0.02
020441	Sheep carcasses and half carcasses, frozen	221	0.02
040640	Cheese, blue-veined	220	0.02
220430	Grape must nes, unfermented, other than that of heading No 20.09	218	0.02
220600	Fermented beverages nes (for example, cider, perry, mead, etc)	217	0.02
071120	Olives, provisionally preservd but nt suitable f immediate consumption	217	0.02
081120	Raspberries, mulberries, etc uncook, steam/boil in water sweetend/nt, froz	215	0.02
070490	Cabbages, kohlrabi, kale and sim edible brassicas nes, fresh or chilled	213	0.02
071490	Arrowroot, salep etc fr o drid whether o not slicd o pelletd&sago pith	207	0.02
080211	Almonds in shell fresh or dried	200	0.02
080910	Apricots, fresh	198	0.02
200920	Grapefruit juice, unfermentd¬ spiritd, whether or not sugard or sweet	196	0.02
170250	Fructose, chemically pure	195	0.02
071332	Beans, small red (Adzuki) dried, shelled, whether or not skinned or split	189	0.01
410140	Equine hides and skins, raw	186	0.01
090820	Mace	185	0.01
070960	Peppers of the genus Capsicum or of the genus Pimenta, fresh or chilled	184	0.01
530511	Coconut (coir) fibre, raw	184	0.01
020421	Sheep carcasses and half carcasses, fresh or chilled	183	0.01
410612	Goat or kid skin leather, otherwise pre-tanned	176	0.01
020630	Swine edible offal, fresh or chilled	174	0.01
071290	Vegetables and mixtures dried, but not further prepared nes	174	0.01
040819	Egg yolks nes	163	0.01
170112	Raw sugar, beet	161	0.01
410800	Chamois (including combination chamois) leather	161	0.01
071021	Peas, frozen	161	0.01
151221	Cotton-seed oil crude, whether or not gossypol has been removed	159	0.01
080430	Pineapples, fresh or dried	157	0.01
090620	Cinnamon and cinnamon-tree flowers crushed or ground	156	0.01
170191	Refined sugar, in solid form, containg added flavourg or colourg matter	153	0.01
040490	Products consisting of natural milk constituents sweetened or not nes	153	0.01
020430	Lamb carcasses and half carcasses, frozen	152	0.01
081110	Strawberries, uncookd o steamd o boild in water, sweetend o not, frozen	149	0.01
040899	Eggs, bird, not in shell nes	145	0.01
410519	Sheep or lamb skin leather, tanned or retanned, nes	145	0.01
010599	Poultry, live except domestic fowls, weighing more than 185 g	145	0.01
110329	Cereal pellets nes	143	0.01
530519	Coconut (coir) fibre, processd nt spun; tow, noils&waste of coconut fib	135	0.01
121410	Lucerne (alfalfa) meal and pellets	135	0.01
020423	Sheep cuts, boneless, fresh or chilled	133	0.01
220510	Vermouth&oth grape wines flav w plants o arom subst in ctrn <= 2 l	131	0.01
110422	Oats, hulled, pearled, sliced or kibbled	130	0.01
020690	Sheep, goats, asses, mules or hinnies edible offal, frozen	128	0.01
090210	Green tea (not fermented) in packages not exceeding 3 kg	128	0.01
530129	Flax fibre, otherwise processed but not spun	126	0.01
070690	Salad beetroot, salsif, celeriac, radish&sim edibl roots, fresh/chilld nes	125	0.01
090412	Pepper of the genus Piper, except cubeb pepper, crushed or ground	123	0.01
070410	Cauliflowers and headed broccoli, fresh or chilled	120	0.01
070610	Carrots and turnips, fresh or chilled	115	0.01
220590	Vermouth&oth grape wines flav with plants or arom subst in ctrn > 2 l	112	0.01
091091	Mixtures of two/more of the prods of different headgs to this chapter	107	0.01

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
070700	Cucumbers and gherkins, fresh or chilled	106	0.01
110210	Rye flour	104	0.01
010420	Goats, live	101	0.01
420400	Articles of leather or of composition leather, for technical uses	100	0.01
081010	Strawberries, fresh	100	0.01
120791	Poppy seeds, whether or not broken	97	0.01
410790	Leather, nes	96	0.01
080221	Hazelnuts or filberts in shell fresh or dried	94	0.01
130213	Hop extract	93	0.01
410310	Goat or kid hides and skins, raw, nes	89	0.01
530490	Sisal textile fibres processed but not spun; tow & waste of sisal fibres	89	0.01
020450	Goat meat, fresh, chilled or frozen	88	0.01
070820	Beans, shelled or unshelled, fresh or chilled	88	0.01
080590	Citrus fruits, fresh or dried, nes	86	0.01
110610	Flour and meal of the dried leguminous vegetables of heading No 07.13	85	0.01
530110	Flax fibre, raw or retted	84	0.01
410520	Sheep or lamb skin leather, nes	84	0.01
071022	Beans, frozen	82	0.01
110321	Wheat pellets	80	0.006
410620	Goat or kid skin leather, nes	79	0.01
071090	Mixtures of vegetables, frozen	79	0.01
091030	Turmeric (curcuma)	78	0.01
410619	Goat or kid skin leather, tanned or retanned, nes	78	0.01
081350	Mixtures of edible nuts or dried fruits of this chapter	77	0.01
090910	Anise or badian seeds	73	0.01
121020	Hop cones, ground, powdered or pelleted and lupulin	73	0.01
020641	Swine livers, edible offal, frozen	73	0.006
080720	Papaws (papayas), fresh	72	0.01
071010	Potatoes, frozen	72	0.01
121299	Vegetable products nes used primarily for human consumption	71	0.006
110312	Oat groats and meal	70	0.01
070810	Peas, shelled or unshelled, fresh or chilled	69	0.005
071190	Vegetables nes & mixtures provis presvd but nt f immediate consumptn	69	0.005
110620	Flour & meal of sago & of roots or tubers with hi starch or inulin content	67	0.005
090920	Coriander seeds	67	0.005
081330	Apples, dried	66	0.005
040891	Eggs, bird, not in shell, dried	65	0.005
530390	Jute and other tex bast fib, not spun, nes; tow and waste of these fibres	65	0.005
110510	Potato flour and meal	63	0.005
041000	Edible products of animal origin nes	63	0.00
110314	Rice groats and meal	62	0.005
010310	Swine, live pure-bred breeding	62	0.005
071390	Leguminous vegetables dried, shelled, whether or not skinn'd or split, nes	62	0.005
110520	Potato flakes	60	0.005
040811	Egg yolks dried	59	0.005
081210	Cherries provisionally preservd but unsuitable f immediate consumption	52	0.004
010511	Fowls, live domestic weighing not more than 185 g	50	0.004
170220	Maple sugar and maple syrup	50	0.004
071030	Spinach, N-Z spinach and orache spinach (garden spinach), frozen	49	0.004
070511	Cabbage lettuce (head lettuce) fresh or chilled	47	0.004
410229	Sheep or lamb skins, raw, o/t pickled, without wool on	43	0.00
121291	Sugar beet, fresh or dried, whether or not ground	42	0.003
050300	Horsehair & waste put up or not as a layer with or without supg material	42	0.003

Product code (PC-TAS)	Product name	Virtual water flow	
		Average flow (10 ⁶ m ³ /yr)	Contribution to global volume (%)
070910	Globe artichokes, fresh or chilled	41	0.003
081020	Raspberries, blackberries, mulberries and loganberries, fresh	40	0.003
121230	Apricot,peach/plum stones&kernels nes,usd primly f human consumption	39	0.003
530529	Abaca fibre,processed but not spun;tow,noils and waste of abaca fibres	38	0.003
070519	Lettuce, fresh or chilled nes	37	0.003
081400	Peel of citrus fruit/melons (watermelons) fresh,frz,drid/prov presvd	37	0.003
121010	Hop cones, not ground, powdered or pelleted	35	0.003
071420	Sweet potatoes, fresh or dried, whether or not sliced or pelleted	32	0.003
110411	Barley, rolled or flaked grains	32	0.003
110421	Barley,hulled,pearled,sliced or kibbled	31	0.0024
071140	Cucumbers&gherkins provisionally presvd,but nt f immediate consumption	29	0.002
050290	Hair and waste of badger and of other brushmaking hair	29	0.002
070930	Aubergines(egg-plants), fresh or chilled	27	0.002
071029	Leguminous vegetables frozen nes	27	0.002
081040	Cranberries, bilberries and other fruits of the genus Vaccinium, fresh	27	0.002
151560	Joboba oil&its fractions whether/not refind,but not chemically modifid	25	0.002
410511	Sheep or lamb skin leather, vegetable pre-tanned	24	0.002
070940	Celery, other than celeriac, fresh or chilled	23	0.002
070390	Leeks and other alliaceous vegetables, fresh or chilled	23	0.002
010111	Horses, live pure-bred breeding	20	0.002
020680	Sheep, goats, asses, mules or hinnies edible offal, fresh or chilled	20	0.002
071220	Onions dried but not further prepared	19	0.0015
200950	Tomato juice unfermented¬ spirited,whether or not sugared or sweet	19	0.0015
121292	Sugar cane, fresh or dried, whether or not ground	17	0.0014
070420	Brussels sprouts, fresh or chilled	16	0.0013
081030	Black, white or red currants and gooseberries, fresh	16	0.0013
530599	Vegetable tex fib nes,processd nt spun;tow,noils&waste of these fibres	12	0.0009
530290	True hemp fibre otherwise processd but not spun;tow&waste of true hemp	12	0.0009
410611	Goat or kid skin leather, vegetable pre-tanned	9	0.0007
010519	Poultry, live except domestic fowls, weighing not more than 185 g	8	0.0007
070970	Spinach,N-Z spinach & orache spinach (garden spinach),fresh or chilled	8	0.0006
070890	Leguminous vegetables, shelled or unshelled, fresh or chilled nes	8	0.0006
010120	Asses, mules and hinnies, live	7	0.0005
530210	True hemp fibre (Cannabis sativa l), raw or retted	5	0.0004
071110	Onions,provisionally preservd but nt suitable f immediate consumption	3	0.0003
530591	Vegetable textile fibres nes, raw	3	0.0002
081220	Strawberries provis preservd but unsuitable f immediate consumption	2	0.0002
		1263071	100

Note: this table excludes virtual water flows related to international trade of industrial products.

100.00

Appendix XX. Water footprints of nations

Country codes FAO- STAT	Country	Population	Use of domestic water resources					Use of foreign water resources			Water footprint		Water footprint by consumption category				
			Domestic water withdrawal	Crop evapotranspiration		Industrial water withdrawal		For national consumption		For re-export of imported products	Total	Per capita	Consumption of domestic water	Consumption of agricultural goods		Consumption of industrial goods	
				For national consumption	For export	For national consumption	For export	Agricultural goods	Industrial goods				Internal water footprint	Internal water footprint	External water footprint	Internal water footprint	External water footprint
			Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year
2	Afghanistan	26179398	0.34	16.47	0.19	0.001		0.45	0.03	0.01	17.29	660	13	629	17	0	1
3	Albania	3130628	0.24	2.43	0.06	0.086	0.03	1.05	0.04	0.04	3.84	1228	75	777	336	28	13
4	Algeria	30169250	1.23	22.77	0.32	0.494	0.25	11.91	0.29	0.31	36.69	1216	41	755	395	16	10
7	Angola	12952725	0.07	11.37	0.71	0.041	0.01	1.37	0.15	0.13	13.00	1004	6	878	106	3	12
9	Argentina	36806250	4.68	41.31	48.03	2.328	0.30	1.81	1.53	2.30	51.66	1404	127	1122	49	63	42
1	Armenia	3131250	0.87	1.19	0.02	0.095	0.03	0.62	0.03	0.02	2.81	898	279	379	198	30	11
10	Australia	19071705	6.51	14.03	68.67	1.229	0.12	0.78	4.02	4.21	26.56	1393	341	736	41	64	211
11	Austria	8103235	0.76	2.98	1.89	1.070	0.29	4.66	3.55	3.91	13.02	1607	94	368	575	132	438
52	Azerbaijan	8015278	0.80	3.88	0.85	1.824	2.62	1.29	0.03	0.33	7.83	977	100	485	161	228	4
13	Bahrain	646995	0.11	0.04	0.00	0.009	0.00	0.38	0.23	0.06	0.77	1184	165	64	593	14	348
16	Bangladesh	129942975	2.12	109.98	1.38	0.344	0.08	3.71	0.34	0.13	116.49	896	16	846	29	3	3
14	Barbados	266643	0.05	0.10	0.05	0.017	0.00	0.14	0.06	0.07	0.36	1355	169	374	540	64	208
57	Belarus	10019815	0.63	8.21	0.17	0.166	1.07	3.66	0.07	0.50	12.74	1271	63	820	365	17	7
15	Belgium-Luxembourg	10659200	1.09	2.29	3.26	0.382	7.29	14.90	0.54	31.66	19.21	1802	103	215	1398	36	51
23	Belize	235915	0.01	0.26	0.43	0.083	0.01	0.02	0.02	0.03	0.39	1646	53	1087	77	352	77
53	Benin	6192130	0.04	10.47	1.88	0.019	0.00	0.35	0.03	0.07	10.91	1761	6	1690	57	3	5
18	Bhutan	793485	0.01	0.72	0.01	0.003	0.00	0.09	0.01	0.00	0.83	1044	14	902	113	4	10
19	Bolivia	8232980	0.15	9.02	2.11	0.037	0.00	0.62	0.10	0.15	9.93	1206	19	1095	75	4	12
20	Botswana	1657708	0.04	0.50	0.09	0.015	0.01	0.40	0.06	0.12	1.03	623	27	304	244	9	39
21	Brazil	169109675	11.76	195.29	61.01	8.666	1.63	14.76	3.11	5.20	233.59	1381	70	1155	87	51	18
27	Bulgaria	8125750	0.37	9.50	1.92	0.048	9.27	1.42	0.00	0.66	11.33	1395	45	1169	174	6	0
233	Burkina Faso	11138150	0.08	16.61	1.53	0.001	0.00	0.30	0.04	0.03	17.03	1529	7	1491	27	0	3
29	Burundi	6742788	0.04	6.98	0.32	0.001	0.00	0.13	0.01	0.01	7.16	1062	6	1036	19	0	1
115	Cambodia	11885290	0.05	20.39	0.05	0.014		0.45	0.09	0.00	20.99	1766	4	1715	38	1	7
32	Cameroon	14717680	0.18	15.02	7.91	0.060	0.02	0.76	0.07	0.42	16.09	1093	12	1021	52	4	4
33	Canada	30649675	8.55	30.22	52.34	11.211	20.36	7.74	5.07	22.62	62.80	2049	279	986	252	366	166
35	Cape Verde	429180	0.00	0.36	0.00	0.001	0.00	0.05	0.01	0.00	0.43	995	8	835	128	1	23
37	Central African Rep.	3689408	0.02	3.93	0.64	0.004		0.04	0.01	0.01	4.00	1083	4	1064	11	1	2
39	Chad	7594623	0.04	14.90	1.96	0.003		0.06	0.03	0.01	15.03	1979	5	1962	8	0	4
40	Chile	15113200	1.26	4.13	0.71	1.955	0.73	3.93	0.86	1.00	12.13	803	83	274	260	129	57
357	China	1257521250	33.32	711.10	21.55	81.531	45.73	49.99	7.45	5.69	883.39	702	26	565	40	65	6
44	Colombia	41919368	5.31	23.08	9.40	0.358	0.04	4.60	0.70	1.96	34.05	812	127	551	110	9	17
250	Congo, DR	50264530	0.20	36.16	0.79	0.058		0.39	0.08	0.01	36.89	734	4	719	8	1	2
48	Costa Rica	3766523	0.77	2.41	2.63	0.262	0.16	0.65	0.24	0.86	4.33	1150	205	639	173	70	64
107	Côte d'Ivoire	15792145	0.19	26.71	33.83	0.077	0.02	0.96	0.13	1.24	28.06	1777	12	1692	61	5	8
49	Cuba	11175000	2.05	14.70	7.76	0.481	0.02	1.66	0.24	0.89	19.13	1712	184	1315	149	43	21
50	Cyprus	755163	0.06	0.52	0.12	0.004	0.00	0.88	0.20	0.20	1.67	2208	77	693	1163	6	270
167	Czech Republic	10268800	1.08	9.59	2.09	0.763	0.75	3.72	0.99	1.78	16.15	1572	106	934	362	74	96
54	Denmark	5329750	0.38	2.36	6.31	0.296	0.03	2.18	2.46	6.08	7.68	1440	72	442	409	56	461
56	Dominican Republic	8304920	1.00	6.63	3.38	0.046	0.00		0.46	0.03	8.14	980	121	798		6	56
58	Ecuador	12528000	2.11	11.37	6.89	0.666	0.26	0.92	0.20	0.64	15.26	1218	168	907	73	53	16
59	Egypt	63375735	4.16	45.78	1.55	6.423	0.66	12.49	0.64	0.49	69.50	1097	66	722	197	101	10

Country codes FAO- STAT	Country	Population	Use of domestic water resources					Use of foreign water resources			Water footprint		Water footprint by consumption category				
			Domestic water withdrawal	Crop evapotranspiration		Industrial water withdrawal		For national consumption		For re-export of imported products	Total	Per capita	Consumption of domestic water	Consumption of agricultural goods		Consumption of industrial goods	
				For national consumption	For export	For national consumption	For export	Agricultural goods	Industrial goods				Internal water footprint	Internal water footprint	External water footprint	Internal water footprint	External water footprint
			Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year
60	El Salvador	6216185	0.28	3.69	2.15	0.134	0.04	1.11	0.20	0.70	5.41	870	45	593	178	22	32
238	Ethiopia	63540513	0.13	42.22	2.22	0.104	0.00	0.33	0.09	0.02	42.88	675	2	664	5	2	1
66	Fiji Islands	805268	0.01	0.94	0.57	0.006	0.00		0.05	0.00	1.00	1245	8	1170		8	58
67	Finland	5169500	0.30	3.92	0.97	1.084	0.89	2.48	1.15	1.55	8.93	1727	58	758	479	210	222
68	France	58775400	6.16	47.84	34.63	15.094	12.80	30.40	10.69	31.07	110.19	1875	105	814	517	257	182
74	Gabon	1214100	0.05	1.19	0.05	0.011	0.00	0.42	0.05	0.03	1.72	1420	43	982	347	9	38
75	Gambia	1282573	0.00	1.27	0.10	0.002	0.00	0.46	0.01	0.04	1.75	1365	3	993	361	2	6
73	Georgia	5270500	0.72	2.66	0.52	0.534	0.19	0.22	0.03	0.05	4.17	792	137	505	42	101	6
79	Germany	82169250	5.45	35.64	18.84	18.771	13.15	49.59	17.50	38.48	126.95	1545	66	434	604	228	213
81	Ghana	19082858	0.15	23.44	18.81	0.054	0.00	0.86	0.16	0.70	24.67	1293	8	1229	45	3	8
84	Greece	10550968	0.83	14.80	3.35	0.775	0.08	7.18	1.62	1.79	25.21	2389	79	1403	680	73	154
89	Guatemala	11238925	0.12	6.98	5.10	0.205	0.03	1.02	0.24	0.78	8.56	762	10	621	91	18	22
91	Guyana	759008	0.02	1.46	0.99	0.011	0.00	0.07	0.04	0.05	1.60	2113	28	1925	93	14	54
93	Haiti	7885250	0.05	6.57	0.26	0.007	0.00		0.06	0.00	6.69	848	6	833		1	8
95	Honduras	6336685	0.07	4.27	2.86	0.076	0.01	0.39	0.13	0.28	4.93	778	10	673	62	12	21
97	Hungary	10122750	0.66	6.04	9.95			1.29			7.99	789	65	596	128		
99	Iceland	278375	0.05	0.00	0.00	0.090	0.01	0.10	0.13	0.09	0.37	1327	183	4	348	323	470
100	India	1007369125	38.62	913.70	35.29	19.065	6.04	13.75	2.24	1.24	987.38	980	38	907	14	19	2
101	Indonesia	204920450	5.67	236.22	22.62	0.404	0.06	26.09	1.58	2.74	269.96	1317	28	1153	127	2	8
102	Iran	63201525	4.68	78.58	3.18	0.984	0.60	17.90	0.51	1.03	102.65	1624	74	1243	283	16	8
103	Iraq	23034540	1.32	23.86	0.63	2.055		3.10	0.58	0.08	30.92	1342	57	1036	135	89	25
105	Israel	6166040	0.47	1.63	0.20	0.112	0.00	4.28	2.09	0.59	8.58	1391	75	264	694	18	339
106	Italy	57718000	7.97	47.82	12.35	10.133	5.60	59.97	8.69	20.29	134.59	2332	138	829	1039	176	151
109	Jamaica	2563905	0.14	1.58	0.35	0.059	0.01	0.67	0.16	0.17	2.61	1016	54	615	261	23	62
110	Japan	126741225	17.20	20.97	0.40	13.702	2.10	77.84	16.38	4.01	146.09	1153	136	165	614	108	129
112	Jordan	4813708	0.21	1.45	0.07	0.035	0.00	4.37	0.21	0.22	6.27	1303	44	301	908	7	43
108	Kazakhstan	15191620	0.59	24.87	7.92	1.147	4.58	0.29	0.06	0.33	26.96	1774	39	1637	19	76	4
114	Kenya	29742440	0.44	18.63	4.35	0.079	0.01	1.92	0.16	0.47	21.23	714	15	626	65	3	5
116	Korea, DPR	22213458	1.68	12.76	0.04	2.268		1.97	0.10	0.01	18.78	845	75	574	89	102	4
117	Korea, Republic of	46813750	6.42	12.34	1.53	2.256	0.56	27.50	6.69	5.06	55.20	1179	137	264	587	48	143
118	Kuwait	1954793	0.20	0.06	0.00	0.013	0.00	1.45	0.45	0.06	2.18	1115	102	33	741	7	231
113	Kyrgyzstan	4882900	0.31	6.13	0.42	0.180	0.12		0.02	0.01	6.64	1361	63	1256		37	5
120	Laos	5219280	0.10	7.20	0.26	0.134		0.17	0.04	0.01	7.64	1465	20	1380	32	26	8
119	Latvia	2382750	0.16	0.70	0.32	0.073	0.02	0.55	0.14	0.30	1.63	684	67	293	232	31	61
121	Lebanon	4298563	0.41	1.71	0.09	0.028	0.00	3.92	0.38	0.20	6.44	1499	95	397	913	7	88
123	Liberia	3087335	0.03	3.99	0.19	0.017		0.18	0.04	0.01	4.27	1382	11	1294	60	5	13
124	Libyan	5232855	0.45	6.22	0.10	0.101	0.02	3.72	0.27	0.12	10.76	2056	86	1189	711	19	52
126	Lithuania	3518500	0.21	2.22	0.61	0.037	0.00	1.19	0.31	0.36	3.97	1128	59	632	340	10	87
129	Madagascar	15285408	0.29	19.21	3.23			0.25	0.05	0.04	19.81	1296	19	1257	17		3
130	Malawi	10204700	0.12	12.71	0.77	0.037	0.00	0.13	0.03	0.01	13.03	1277	12	1245	13	4	3
131	Malaysia	22990590	1.43	36.58	18.47	0.867	0.90	12.73	2.28	8.81	53.89	2344	62	1591	554	38	99
133	Mali	10712908	0.04	21.46	3.36	0.015	0.00	0.08	0.05	0.01	21.64	2020	3	2003	8	1	4
134	Malta	389500	0.04	0.05	0.00	0.000	0.00	0.47	0.17	0.02	0.75	1916	115	141	1212	1	448
136	Mauritania	2620863	0.13	2.48	0.00	0.039		0.97	0.02	0.00	3.63	1386	48	945	369	15	10
137	Mauritius	1180283	0.11	0.50	0.25	0.041	0.02	0.86	0.09	0.46	1.59	1351	91	422	729	34	75
138	Mexico	97291745	13.55	81.48	12.26	2.998	1.13	35.09	7.05	7.94	140.16	1441	139	837	361	31	72

Country codes FAO- STAT	Country	Population	Use of domestic water resources					Use of foreign water resources			Water footprint		Water footprint by consumption category				
			Domestic water withdrawal	Crop evapotranspiration		Industrial water withdrawal		For national consumption		For re-export of imported products	Total	Per capita	Consumption of domestic water	Consumption of agricultural goods		Consumption of industrial goods	
				For national consumption	For export	For national consumption	For export	Agricultural goods	Industrial goods				Internal water footprint	Internal water footprint	External water footprint	Internal water footprint	External water footprint
			Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year
146	Moldova	4283750	0.24	5.15	1.65	0.765	0.86	0.13	0.03	0.07	6.31	1474	57	1201	31	179	6
143	Morocco	28472000	0.81	35.99	1.33	0.224	0.04	6.07	0.51	0.31	43.60	1531	28	1264	213	8	18
144	Mozambique	17506540	0.06	19.36	1.12	0.013	0.00		0.05	0.00	19.49	1113	4	1106		1	3
28	Myanmar	47451298	0.34	73.89	1.53	0.149		0.94	0.17	0.02	75.49	1591	7	1557	20	3	4
147	Namibia	1737288	0.08	0.96	0.10	0.009	0.00	0.05	0.09	0.01	1.19	683	46	555	27	5	51
149	Nepal	22772793	0.27	18.35	0.19	0.031	0.00	0.60	0.08	0.01	19.33	849	12	806	26	1	4
150	Netherlands	15865250	0.44	0.50	2.51	2.562	2.20	9.30	6.61	52.84	19.40	1223	28	31	586	161	417
157	Nicaragua	5006993	0.18	3.32	1.98	0.029	0.00	0.47	0.09	0.29	4.10	819	37	663	95	6	19
159	Nigeria	125374700	1.41	240.38	8.54	0.383	0.30	5.59	0.31	0.43	248.07	1979	11	1917	45	3	2
162	Norway	4474000	0.45	1.09	0.17	1.032	0.43	2.42	1.57	1.02	6.56	1467	101	244	541	231	350
221	Oman	2384500	0.08	0.81	0.06	0.022	0.00	2.65	0.27	0.21	3.83	1606	32	341	1110	9	114
165	Pakistan	136475525	2.88	152.75	7.57	1.706	1.28	8.55	0.33	0.67	166.22	1218	21	1119	63	12	2
166	Panama	2831500	0.50	1.57	0.67	0.034	0.00	0.47	0.20	0.20	2.77	979	178	555	165	12	69
168	Papua New Guinea	5067815	0.04	5.04	3.20	0.018	0.01	5.02	0.05	3.22	10.16	2005	7	994	990	4	10
169	Paraguay	5211500	0.08	5.68	6.07	0.036	0.00	0.14	0.14	0.15	6.07	1165	15	1089	27	7	27
170	Peru	25752968	1.47	12.59	1.82	1.379	0.32	4.21	0.37	0.69	20.02	777	57	489	163	54	14
171	Philippines	75749645	4.50	99.09	7.61	0.805	1.69	11.74	0.71	2.40	116.85	1543	59	1308	155	11	9
173	Poland	38653288	1.85	21.62	2.78	6.890	4.15	10.41	1.85	2.45	42.62	1103	48	559	269	178	48
174	Portugal	9997250	1.09	8.00	1.47	1.411	0.62	10.55	1.59	2.64	22.63	2264	109	800	1055	141	159
179	Qatar	573388	0.07	0.11	0.01	0.008	0.00	0.24	0.19	0.02	0.62	1087	122	196	422	14	333
183	Romania	22450998	2.04	29.03	2.51	3.527	4.75	3.99	0.34	0.80	38.92	1734	91	1293	178	157	15
185	Russian Federation	145878750	14.34	201.26	8.96	13.251	34.83	41.33	0.80	3.94	270.98	1858	98	1380	283	91	5
184	Rwanda	7604500	0.04	8.10	0.22	0.011	0.00	0.25	0.01	0.01	8.42	1107	5	1066	34	1	2
194	Saudi Arabia	20503670	1.61	10.42	0.42	0.181	0.01	12.11	1.58	0.62	25.90	1263	78	508	591	9	77
195	Senegal	9404653	0.08	15.02	2.69	0.042	0.01	2.95	0.06	0.54	18.16	1931	9	1597	314	4	7
197	Sierra Leone	4981773	0.02	4.28	0.09	0.011		0.15	0.01	0.00	4.46	896	5	858	29	2	2
201	Somalia	8627345	0.02	5.05	0.15	0.001	0.00	0.71	0.01	0.02	5.79	671	2	585	82	0	1
202	South Africa	42387403	2.43	27.32	6.05	1.123	0.40	7.18	1.42	2.10	39.47	931	57	644	169	26	33
203	Spain	40417948	4.24	50.57	17.44	5.567	1.73	27.11	6.50	11.37	93.98	2325	105	1251	671	138	161
38	Sri Lanka	18335500	0.25	21.72	2.29	0.165	0.09	1.32	0.24	0.26	23.69	1292	14	1185	72	9	13
206	Sudan	30832808	0.89	66.62	7.47	0.189	0.04	0.48	0.07	0.07	68.25	2214	29	2161	15	6	2
207	Suriname	416008	0.03	0.45	0.17	0.006	0.01	0.02	0.01	0.03	0.51	1234	70	1082	46	14	23
209	Swaziland	1030753	0.02	1.00	0.00	0.024	0.01	0.17	0.05	0.01	1.26	1225	16	969	170	24	47
210	Sweden	8868050	1.07	4.49	1.42	1.166	0.45	4.52	3.12	2.62	14.37	1621	121	507	509	132	352
211	Switzerland	7165250	0.45	0.97	0.23	1.057	0.33	5.59	3.98	2.56	12.05	1682	63	136	780	148	555
212	Syria	15994053	0.59	25.40	4.08	0.246	0.08	2.82	0.16	0.50	29.22	1827	37	1588	176	15	10
208	Tajikistan	6181183	0.43	5.38	1.05						5.80	939	69	870			
215	Tanzania	33299168	0.11	36.39	3.15	0.024	0.00	0.90	0.08	0.08	37.51	1127	3	1093	27	1	3
216	Thailand	60487800	1.83	120.17	38.49	1.239	0.55	8.73	2.49	3.90	134.46	2223	30	1987	144	20	41
217	Togo	4456785	0.07	5.28	1.82	0.011	0.00	0.30	0.03	0.11	5.69	1277	15	1185	68	2	7
220	Trinidad and Tobago	1297125	0.20	0.47	0.18	0.056	0.02	0.48	0.14	0.24	1.35	1039	158	365	368	43	105
222	Tunisia	9506575	0.35	12.22	9.47	0.067	0.01	2.09	0.46	1.68	15.18	1597	36	1285	220	7	49
223	Turkey	66849750	5.38	84.05	9.81	2.731	1.07	13.68	2.11	2.43	107.95	1615	80	1257	205	41	32
213	Turkmenistan	5184250	0.38	8.39	1.07	0.118	0.05	0.18	0.07	0.05	9.14	1764	74	1619	36	23	13
230	Ukraine	49700750	4.60	54.14	10.09	3.673	9.71	2.72	0.26	1.21	65.40	1316	93	1089	55	74	5
229	United Kingdom	58669403	2.21	12.79	3.38	6.673	1.46	34.73	16.67	12.83	73.07	1245	38	218	592	114	284

Country codes FAO- STAT	Country	Population	Use of domestic water resources					Use of foreign water resources			Water footprint		Water footprint by consumption category				
			Domestic water withdrawal	Crop evapotranspiration		Industrial water withdrawal		For national consumption		For re-export of imported products	Total	Per capita	Consumption of domestic water	Consumption of agricultural goods		Consumption of industrial goods	
				For national consumption	For export	For national consumption	For export	Agricultural goods	Industrial goods				Internal water footprint	Internal water footprint	External water footprint	Internal water footprint	External water footprint
			Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	Gm³/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year	m³/cap/year
231	USA	280343325	60.80	334.24	138.96	170.777	44.72	74.91	55.29	45.62	696.01	2483	217	1192	267	609	197
235	Uzbekistan	24567500	2.68	18.93	6.24	1.151		1.06	0.23	0.35	24.04	979	109	771	43	47	9
236	Venezuela	23937750	2.80	12.42	1.28	0.360	0.13	4.86	0.70	0.76	21.14	883	117	519	203	15	29
237	Viet Nam	78020938	3.77	85.16	11.00	11.280		2.27	0.85	0.29	103.33	1324	48	1091	29	145	11
249	Yemen	17277608	0.23	6.59	0.18	0.033	0.00	3.71	0.14	0.11	10.70	619	14	381	214	2	8
251	Zambia	9979605	0.28	6.94	0.51	0.058	0.07	0.22	0.03	0.05	7.52	754	28	695	22	6	3
181	Zimbabwe	12497455	0.21	11.48	3.35	0.085	0.02		0.12	0.03	11.90	952	17	919		7	10
Global total/averages		5994251631	344	5434	957	476	240	957	240	427	7452	1243	57	907	160	79	40

* Includes both blue and green water consumed for crop production

Note: Blank fields implies that the data are not available for the corresponding countries in this study

Appendix XXI. Water footprint versus water scarcity, self-sufficiency and water import dependency per country

Country codes FAO-STAT	Country	Total renewable water resources	Internal water footprint	External water footprint	Total water footprint	Water scarcity	Water self- sufficiency	Water import dependency
		Gm ³ /year	Gm ³ /year	Gm ³ /year	Gm ³ /year	%	%	%
2	Afghanistan	65.00	16.81	0.48	17.29	27	97	3
3	Albania	41.70	2.75	1.09	3.84	9	72	28
4	Algeria	14.41	24.49	12.21	36.69	255	67	33
7	Angola	184.00	11.49	1.52	13.00	7	88	12
9	Argentina	814.00	48.32	3.34	51.66	6	94	6
1	Armenia	10.53	2.16	0.66	2.81	27	77	23
10	Australia	492.00	21.77	4.80	26.56	5	82	18
11	Austria	77.70	4.81	8.21	13.02	17	37	63
52	Azerbaijan	30.28	6.51	1.32	7.83	26	83	17
13	Bahrain	0.12	0.16	0.61	0.77	660	20	80
16	Bangladesh	1210.64	112.44	4.05	116.49	10	97	3
14	Barbados	0.08	0.16	0.20	0.36	445	45	55
57	Belarus	58.00	9.01	3.73	12.74	22	71	29
15	Belgium-Luxembourg	21.40	3.76	15.45	19.21	90	20	80
23	Belize	18.56	0.35	0.04	0.39	2	91	9
53	Benin	24.80	10.52	0.38	10.91	44	96	4
18	Bhutan	95.00	0.73	0.10	0.83	1	88	12
19	Bolivia	622.53	9.21	0.72	9.93	2	93	7
20	Botswana	14.40	0.56	0.47	1.03	7	55	45
21	Brazil	8233.00	215.72	17.87	233.59	3	92	8
27	Bulgaria	21.30	9.91	1.42	11.33	53	87	13
233	Burkina Faso	12.50	16.69	0.34	17.03	136	98	2
29	Burundi	3.60	7.02	0.13	7.16	199	98	2
115	Cambodia	476.11	20.45	0.54	20.99	4	97	3
32	Cameroon	285.50	15.26	0.82	16.09	6	95	5
33	Canada	2902.00	49.98	12.81	62.80	2	80	20
35	Cape Verde	0.30	0.36	0.06	0.43	142	85	15
37	Central African Republic	144.40	3.95	0.05	4.00	3	99	1
39	Chad	43.00	14.94	0.09	15.03	35	99	1
40	Chile	922.00	7.34	4.79	12.13	1	61	39
357	China	2896.57	825.94	57.44	883.39	30	93	7
44	Colombia	2132.00	28.75	5.30	34.05	2	84	16
250	Congo, DR	1283.00	36.42	0.47	36.89	3	99	1
48	Costa Rica	112.40	3.44	0.89	4.33	4	79	21
107	Côte d'Ivoire	81.00	26.98	1.09	28.06	35	96	4
49	Cuba	38.12	17.23	1.90	19.13	50	90	10
50	Cyprus	0.78	0.59	1.08	1.67	214	35	65
167	Czech Republic	13.15	11.44	4.70	16.15	123	71	29
54	Denmark	6.00	3.04	4.64	7.68	128	40	60
56	Dominican Republic	21.00	7.68	0.46	8.14	39	94	6
58	Ecuador	432.00	14.14	1.12	15.26	4	93	7
59	Egypt	58.30	56.37	13.13	69.50	119	81	19
60	El Salvador	25.25	4.10	1.31	5.41	21	76	24
238	Ethiopia	110.00	42.46	0.42	42.88	39	99	1
66	Fiji Islands	28.55	0.96	0.05	1.00	4	95	5
67	Finland	110.00	5.30	3.63	8.93	8	59	41
68	France	203.70	69.10	41.09	110.19	54	63	37
74	Gabon	164.00	1.26	0.47	1.72	1	73	27
75	Gambia	8.00	1.28	0.47	1.75	22	73	27
73	Georgia	63.33	3.92	0.25	4.17	7	94	6
79	Germany	154.00	59.86	67.09	126.95	82	47	53
81	Ghana	53.20	23.65	1.02	24.67	46	96	4
84	Greece	74.25	16.41	8.80	25.21	34	65	35
89	Guatemala	111.27	7.30	1.26	8.56	8	85	15
91	Guyana	241.00	1.49	0.11	1.60	1	93	7
93	Haiti	14.03	6.62	0.06	6.69	48	99	1
95	Honduras	95.93	4.41	0.52	4.93	5	89	11
97	Hungary	104.00	6.70	1.29	7.99	8	84	16
99	Iceland	170.00	0.14	0.23	0.37	0	38	62
100	India	1896.66	971.39	15.99	987.38	52	98	2
101	Indonesia	2838.00	242.30	27.66	269.96	10	90	10
102	Iran	137.51	84.24	18.41	102.65	75	82	18
103	Iraq	75.42	27.23	3.68	30.92	41	88	12
105	Israel	1.67	2.21	6.37	8.58	514	26	74

Country codes FAO-STAT	Country	Total renewable water resources	Internal water footprint	External water footprint	Total water footprint	Water scarcity	Water self- sufficiency	Water import dependency
		Gm ³ /year	Gm ³ /year	Gm ³ /year	Gm ³ /year	%	%	%
106	Italy	191.30	65.93	68.67	134.59	70	49	51
109	Jamaica	9.40	1.78	0.83	2.61	28	68	32
110	Japan	430.00	51.87	94.22	146.09	34	36	64
112	Jordan	0.88	1.70	4.58	6.27	713	27	73
108	Kazakhstan	109.61	26.60	0.35	26.96	25	99	1
114	Kenya	30.20	19.14	2.09	21.23	70	90	10
116	Korea, DPR	77.14	16.70	2.07	18.78	24	89	11
117	Korea, Republic of	69.70	21.02	34.18	55.20	79	38	62
118	Kuwait	0.02	0.28	1.90	2.18	10895	13	87
113	Kyrgyzstan	20.58	6.62	0.02	6.64	32	100	0
120	Laos	333.55	7.44	0.21	7.64	2	97	3
119	Latvia	35.45	0.93	0.70	1.63	5	57	43
121	Lebanon	4.41	2.14	4.30	6.44	146	33	67
123	Liberia	232.00	4.04	0.22	4.27	2	95	5
124	Libya	0.60	6.77	3.99	10.76	1793	63	37
126	Lithuania	24.90	2.47	1.50	3.97	16	62	38
129	Madagascar	337.00	19.51	0.30	19.81	6	98	2
130	Malawi	17.28	12.87	0.13	13.00	75	99	1
131	Malaysia	580.00	38.87	15.01	53.89	9	72	28
133	Mali	100.00	21.51	0.13	21.64	22	99	1
134	Malta	0.05	0.10	0.65	0.75	1478	13	87
136	Mauritania	11.40	2.64	0.99	3.63	32	73	27
137	Mauritius	2.21	0.65	0.95	1.59	72	40	60
138	Mexico	457.22	98.02	42.14	140.16	31	70	30
146	Moldova	11.65	6.15	0.16	6.31	54	97	3
143	Morocco	29.00	37.02	6.58	43.60	150	85	15
144	Mozambique	216.11	19.43	0.05	19.49	9	100	0
28	Myanmar	1045.60	74.38	1.11	75.49	7	99	1
147	Namibia	17.94	1.05	0.13	1.19	7	89	11
149	Nepal	210.20	18.66	0.68	19.33	9	96	4
150	Netherlands	91.00	3.50	15.91	19.40	21	18	82
157	Nicaragua	196.69	3.53	0.57	4.10	2	86	14
159	Nigeria	286.20	242.17	5.90	248.07	87	98	2
162	Norway	382.00	2.57	3.99	6.56	2	39	61
221	Oman	0.99	0.91	2.92	3.83	389	24	76
165	Pakistan	222.69	157.34	8.88	166.22	75	95	5
166	Panama	147.98	2.11	0.66	2.77	2	76	24
168	Papua New Guinea	801.00	5.09	5.07	10.16	1	50	50
169	Paraguay	336.00	5.76	0.14	5.90	2	98	2
170	Peru	1913.00	15.44	4.58	20.02	1	77	23
171	Philippines	479.00	104.40	12.45	116.85	24	89	11
173	Poland	61.60	30.36	12.26	42.62	69	71	29
174	Portugal	68.70	10.50	12.13	22.63	33	46	54
179	Qatar	0.05	0.19	0.43	0.62	1176	31	69
183	Romania	211.93	34.60	4.33	38.92	18	89	11
185	Russian Federation	4507.25	228.85	42.13	270.98	6	84	16
184	Rwanda	5.20	8.15	0.27	8.42	162	97	3
194	Saudi Arabia	2.40	12.21	13.69	25.90	1079	47	53
195	Senegal	39.40	15.14	3.02	18.16	46	83	17
197	Sierra Leone	160.00	4.31	0.15	4.46	3	97	3
201	Somalia	13.50	5.07	0.72	5.79	43	88	12
202	South Africa	50.00	30.87	8.60	39.47	79	78	22
203	Spain	111.50	60.38	33.60	93.98	84	64	36
38	Sri Lanka	50.00	22.13	1.56	23.69	47	93	7
206	Sudan	64.50	67.70	0.55	68.25	106	99	1
207	Suriname	122.00	0.48	0.03	0.51	0	94	6
209	Swaziland	4.51	1.04	0.22	1.26	28	82	18
210	Sweden	174.00	6.73	7.64	14.37	8	47	53
211	Switzerland	53.50	2.48	9.57	12.05	23	21	79
212	Syria	26.26	26.24	2.98	29.22	111	90	10
215	Tanzania	91.00	36.53	0.99	37.51	41	97	3
216	Thailand	409.94	123.24	11.22	134.46	33	92	8
217	Togo	14.70	5.36	0.33	5.69	39	94	6
220	Trinidad and Tobago	3.84	0.73	0.61	1.35	35	54	46
222	Tunisia	4.56	12.63	2.55	15.18	333	83	17
223	Turkey	229.30	92.16	15.79	107.95	47	85	15
213	Turkmenistan	24.72	8.77	0.18	8.96	36	98	2
230	Ukraine	139.55	62.41	2.99	65.40	47	95	5
229	United Kingdom	147.00	21.67	51.40	73.07	50	30	70
231	USA	3069.40	565.82	130.19	696.01	23	81	19

Country codes FAO-STAT	Country	Total renewable water resources	Internal water footprint	External water footprint	Total water footprint	Water scarcity	Water self- sufficiency	Water import dependency
		Gm ³ /year	Gm ³ /year	Gm ³ /year	Gm ³ /year	%	%	%
235	Uzbekistan	50.41	22.76	1.29	24.04	48	95	5
236	Venezuela	1233.17	15.58	5.56	21.14	2	74	26
237	Viet Nam	891.21	100.21	3.12	103.33	12	97	3
249	Yemen	4.10	6.86	3.84	10.70	261	64	36
251	Zambia	105.20	7.27	0.25	7.52	7	97	3
181	Zimbabwe	20.00	11.77	0.12	11.90	59	99	1

Appendix XXII. Overview of extensions and refinements with respect to earlier studies

This study builds on two earlier studies. Hoekstra and Hung (2002) have quantified the virtual water flows related to the international trade of crop products. Chapagain and Hoekstra (2003a) have done a similar study for livestock and livestock products. The concerned time period in these two studies is 1995-99. The present study takes the period of 1997-2001 and refines the earlier studies by making improvements and extensions as explained below.

Country coverage

The present study uses the trade database PC-TAS (2004), in which trade data are available for 146 reporting countries with 243 partner countries for the period of 1997-2001 (see Section 3.1). Former studies have used the earlier version PC-TAS (2000), which covers only 99 reporting countries for the period of 1995-99. The new version of PC-TAS is clearly more reliable than the earlier version. For instance, according to the earlier version, Sri Lanka imported 27 billion tons of rice (broken) from Viet Nam in 1996, while the total production of rice in Viet Nam in 1996 was only 26 billion ton (FAOSTAT, 2004). As per FAOSTAT (2004) rice (milled equivalent) production in Sri Lanka in 1996 was 1.4 and it imports only 0.28 billion tons in total, which means that the import data in PC-TAS for Sri Lanka are doubtful. In the new version of PC-TAS (2004), Sri Lanka has been removed as a reporting country from the database, probably because of such inconsistencies in the reported data.

Product coverage

In this study the crop water requirements are calculated for 164 different primary crops (as defined in FAOSTAT, 2004). The earlier study by Hoekstra and Hung (2002) considered only 38 primary crops. The calculation of international virtual water flows includes processed crops as defined in the United Nation's PC-TAS database, such as coffee, tea, wheat flour, barley flour, starches, cotton fibres etc. (see Section 3.2). The earlier study had a limited coverage of the processed crops.

Contrary to the earlier studies, the present study incorporates the virtual water flows related to the international trade of industrial products. Though the global industrial water withdrawal is small in comparison to the water use in the agricultural sector, the fraction of industrial products being internationally traded is relatively large if compared to the fraction of agricultural products being internationally traded.

In the earlier reports, the industrial water withdrawal in a country was implicitly assumed to be completely consumed by the inhabitants of the same country. The current study improves on this by properly accounting for virtual water flows related to the trade of industrial products.

Inclusion of green water use in the calculation of water footprints

Hoekstra and Hung (2002) and Chapagain and Hoekstra (2003a) included blue water withdrawals only, excluding the use of green water (soil water) in agriculture. The current study includes all green water use in agriculture.

Exclusion of irrigation losses in the calculation of water footprints

Contrary to the previous studies, the current study does not include the irrigation losses in the water footprint assuming that they largely return to the resource base and thus can be reused.

Definitions of water scarcity and water import dependency

The definition of water scarcity used by Hoekstra and Hung (2002) takes the ratio of the total volume of blue water withdrawals to the total renewable water resources. Using this definition the water scarcity index of a country would approach zero if the country's water demand would be largely met with import of water intensive products, using only little of the own domestic water resources. Defined in this way, the index does not show the real scarcity of water in that country. Here we define water scarcity as the ratio of the total water footprint of a country to the total renewable water resources. The national water scarcity can then be more than 100% if a nation consumes more water than domestically available.

We have also used a different definition of water import dependency if compared to the previous reports. Whereas previously water import dependency was defined as the ratio of the net virtual water import to the total water footprint of a country, this report defines water import dependency as the gross virtual water import (insofar not re-exported) to the total water footprint. The new definition better reflects the real water dependency of a nation, particularly in cases where *net* virtual water import is low but *gross* virtual import is significant. The products being exported might be completely different from and not substitutable by those being exported.

Climate data

Country-average climate data have been used instead of using data from one single climate station per country to represent the whole country. Besides, the present study makes use of the CRU climate database (Mitchel, 2003) covering all countries of the world (see Appendix II), while Hoekstra and Hung (2002) used climatic data for a limited number of countries only, as available in the CLIMWAT database (FAO, 2003b).

Crop parameters

The earlier studies assumed that a single variety of crop is planted across the globe implying constant crop coefficients. However, the crop coefficients for different varieties of the same crop may be different. In the current study we have grouped countries under 10 different climatic classes and assumed that only the countries under a specific climatic group share the same crop variety with the same coefficients.

Besides, different crops and their varieties generally have different crop lengths and different planting and harvesting dates depending upon the climate of the production site. In the present study the crop calendar per crop is taken as a variable, which means that different countries may have different planting/green up dates and different crop development lengths.

Crop water requirement calculation

The reference crop evapotranspiration is calculated with the Penmann-Monteith equation in both previous and the current studies. The improvement in the present study is not in the basic concept of calculation but in the

implementation of the model itself. The earlier study used the stand alone CROPWAT model developed by FAO (2003a), which is quite laborious to operate if one aims to repeat calculations for different crops and countries. For the present study, the Penmann-Monteith equation with all related equations have been implemented in *MS-Excel Platform* in order to be able to carry out sensitivity analyses on the different input variables. It increases the computation efficiency as one can directly link this model to the other model, developed in the same platform, to calculate international virtual water flows and national water footprints.

Calculation of virtual water content of processed products

The calculation of the virtual water content of crop products has been improved by properly accounting for weight losses that occur if primary products are processed into secondary products (see method described in Section 2.3.3). For example, one ton of rice (paddy) produces only 0.77 ton of husked rice (FAO, 2003h) meaning that the virtual water content of husked rice should be nearly 1.3 times more than that of paddy. The previous study on livestock products has been refined with improved virtual water content of feed crops.

Appendix XXIII. Glossary

Water footprints

Water footprint – The water footprint of an individual, business or nation is defined as the total volume of fresh water that is used to produce the foods and services consumed by the individual, business or nation. A water footprint is generally expressed in terms of the volume of water use per year.

Nation's water footprint – The water footprint of a nation is defined as the total amount of water that is used to produce the goods and services consumed by the inhabitants of the nation. The national water footprint can be assessed in two ways. The bottom-up approach is to consider the sum of all goods and services consumed multiplied with their respective virtual water content. It should be noted that the virtual water content of one particular consumption good can vary as a function of the place and conditions of production. In the top-down approach, the water footprint of a nation can be calculated as the total use of domestic water resources plus the net virtual water import.

Individual water footprint – The water footprint of an individual is defined as the total water used for the production of the goods and services consumed by the individual. It can be estimated by multiplying all goods and services consumed by their respective virtual water content.

Blue vs. green water footprint – The total water footprint of a nation or individual falls apart into two components: the blue and the green water footprint. The blue water footprint is the volume of water withdrawn from the global blue water resources (surface water and ground water) to fulfil the national or individual demand for goods and services. The green water footprint is the volume of water used from the global green water resources (water stored in soil as soil moisture) to fulfil the demand for goods and services.

Internal vs. external water footprint – The total water footprint of a country includes two components: the part of the footprint that falls inside the country (internal water footprint) and the part of the footprint that presses on other countries in the world (external water footprint). The distinction refers to the difference between the uses of domestic water resources versus the foreign water resources.

Virtual water

Virtual water content – The virtual water content of a product is the volume of water used to produce the product, measured at the place where the product was actually produced (production site specific definition). The virtual water content of a product can also be defined as the volume of water that would have been required to produce the product in the place where the product is consumed (consumption site specific definition). In our studies we use the production site-specific definition. The adjective ‘virtual’ refers to the fact that most of the water used to produce a product is in the end not contained in the product. The real water content of products is generally negligible if compared to the virtual water content.

Virtual water export – The virtual water export of a country or region is the volume of virtual water associated with the export of goods or services from the country or region. It is the total volume of water required to produce the products for export.

Virtual water import – The virtual water import of a country or region is the volume of virtual water associated with the import of goods or services into the country or region. It is the total volume of water required (in the export countries) to produce the products for import. Viewed from the perspective of the importing country, this water can be seen as an additional source of water that comes on top of the domestically available water resources.

Virtual water flow – The virtual water flow between two nations or regions is the volume of virtual water that is being transferred from one place to another as a result of product trade.

Virtual water balance – The virtual water balance of a country over a certain time period is defined as the net import of virtual water over this period, which is equal to the gross import of virtual water minus the gross export. A positive virtual water balance implies net inflow of virtual water to the country from other countries. A negative balance means net outflow of virtual water.

Water scarcity, water self-sufficiency and water import dependency

Water scarcity – Water scarcity has often been defined as the ratio of actual water withdrawals to the available renewable water resources. This supply-oriented definition is useful from a production perspective, but does not express the scarcity from a demand perspective. In this study, water scarcity is defined as the ratio of the total water footprint of a country or region to the total renewable water resources. The national water scarcity can be more than 100% if a nation consumes more water than domestically available.

Water self-sufficiency – This is the ratio of the internal water footprint to the total water footprint of a country or region. It denotes the national capability of supplying the water needed for the production of the domestic demand for goods and services. Self-sufficiency is 100% if all the water needed is available and indeed taken from within the own territory. Water self-sufficiency approaches zero if the demand for goods and services in a country is largely met with virtual water imports.

Water import dependency – Countries with import of virtual water depend, de facto, on the water resources available in other parts of the world. The virtual water import dependency of a country or region is defined as the ratio of the external water footprint of the country or region to its total water footprint.

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