



INTERNATIONAL COFFEE ORGANIZATION
ORGANIZACIÓN INTERNACIONAL DEL CAFÉ
ORGANIZAÇÃO INTERNACIONAL DO CAFÉ
ORGANISATION INTERNATIONALE DU CAFÉ

ICC 110-3 Rev. 2

25 February 2013
Original: English

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International Coffee Council
110th Session
4 – 8 March 2013
London, United Kingdom

Maximum Residue Limits

Background

1. In March 2010 the International Coffee Council requested the Secretariat to keep Members informed about food safety issues, particularly regarding the Maximum Residue Limits (MRLs) of pesticides applicable to coffee, and in September 2010 the Executive Director committed to preparing a report on the same. Members were therefore requested to send details of MRLs for pesticides used in the coffee production process (see documents ED-2100/10, ED-2111/11, ED-2124/11, ED-2124/11 Rev. 1 and ED-2143/12).

2. Replies have now been received from Brazil, Colombia, Costa Rica, Cuba, Ecuador, the EU, Gabon, Guatemala, Haiti, Indonesia, Kenya, Rwanda and the USA. In addition, information has been made available for one former Member, Japan. This report consolidates this information to provide a database of 504 chemicals, showing the MRLs in each country where such information is available.

Action

The Council is requested to consider this document.

MAXIMUM RESIDUE LIMITS

1. This report contains information on the Maximum Residue Limits (MRLs) of pesticides applicable to coffee in selected countries. Table 1 compares the MRLs for the 21 pesticides covered by the *Codex Alimentarius*. The Codex was established in 1963 by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO) to provide harmonized international food standards, guidelines and codes of practice. It has 186 members and 215 observers. MRLs for pesticides are elaborated by the Codex Committee on Pesticides Residue, and there are 21 MRLs listed for coffee as of December 2012. However, the Committee considers new limits on a yearly basis, so Members are advised to check directly with the Codex. Further information is available at www.codexalimentarius.net.

2. For each pesticide in Table 1, the highest MRL is highlighted in bold, and the lowest in italics. To date, Colombia, Costa Rica, Cuba and Guatemala have notified the Secretariat that they follow the guidelines of the Codex for coffee. Ecuador uses a combination of standards from the Codex, the US Environmental Protection Agency, the EU and Japan. Gabon, Haiti and Rwanda reported negligible use of pesticides. Table 2 shows the lengthier list of 504 pesticides and their specific MRLs in the EU, Japan and the USA, as the largest import markets, and Brazil, Ecuador, Kenya and Indonesia, who provided specific information.

3. Furthermore, several pesticides are denoted in Table 2 as being regulated by the Stockholm Convention on Persistent Organic Pollutants (POPs). The Stockholm Convention was adopted in 2001 and entered into force in 2004. It has 152 Parties and 178 Signatories, and requires parties to eliminate or reduce the release of POPs into the environment. It covers three classes of chemicals: those in Annex A are to be eliminated, those in Annex B are to be reduced, and those listed in Annex C are to avoid unintentional release. Twelve initial POPs were listed in 2001, with nine added in 2009. In 2011, the pesticide Endosulfan was added to Annex A for elimination. This ban became effective on 27 October 2012, although certain specific exemptions can be granted under the terms of the Convention. Further information is available at <http://chm.pops.int>.

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Table 1: Comparison between *Codex Alimentarius* and selected national standards

Pesticide	Codex Alimentarius	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Aldicarb *	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Boscalid	0.05	0.50	0.05		0.05			
Carbendazim and benomyl	0.10	0.10	0.10					
Carbofuran	1.00	0.05	1.00	0.10	0.10	0.10	0.10	0.10
Chlorpyrifos	0.05	0.20	0.05	0.10	0.05	0.05	0.05	0.05
Clothianidin	0.05	0.05	0.05					
Cypermethrin	0.05	0.10	0.05	0.05		0.05	0.05	0.05
Disulfoton	0.20	0.05	0.20	0.20	0.10		0.20	
Endosulfan *	0.20	0.10	0.10		0.05	0.10	0.10	0.10
Haloxypop	0.02	0.05	0.01					
Imidacloprid	1.00	1.00	0.70	0.80	0.07			
Permethrin	0.05	0.10	0.05		0.01		0.05	
Phorate	0.05	0.10	0.02	0.02	0.05			
Propiconazole	0.02	0.10	0.10		0.05		0.10	
Pyraclostrobin	0.30	0.20	0.30		0.50			
Spirodiclofen	0.03	0.05	0.01		0.03			
Tebuconazole	0.10	0.10	0.20	0.30	0.20			
Terbufos	0.05	0.01	0.05	0.05	0.05		0.05	
Thiamethoxam	0.20	0.20	0.05	0.05	0.02			
Triadimefon	0.50		0.05		0.10	0.05	0.05	0.05
Triadimenol	0.50		0.10		0.50	0.10	0.10	0.10

In mg/kg

A blank means information is not available

* Listed in Stockholm Convention Annex A

Table 2: Maximum Residue Limits of all pesticides

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
1,1-dichloro-2,2-bis(4-ethylphenyl)ethane	0.100	0.010					
1,3-Dichloropropene	0.050						
1-Methylcyclopropene	0.020						
1-Naphthylacetamide	0.050	0.010					
1-Naphthylacetic acid	0.050						
2,4,5-T	0.050	N.D.			N.D.		
2,4-DB	0.100						
2,4-D	0.100	0.010		0.100			
2-phenylphenol	0.100						
4-CPA		0.020					
Abamectin	0.020	0.008	0.010	0.002			
Acephate	0.050	0.010	0.020				
Acequinocyl	0.020	0.010					
Acetamiprid	0.100	0.010	0.010	0.200			
Acetochlor	0.010	0.010		0.200			
Acibenzolar-S-methyl	0.050	0.010					
Aclonifen	0.050						
Acrinathrin	0.050	0.010					
Alachlor	0.050	0.010		0.050			
Aldicarb *	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Aldrin and Dieldrin	0.020	0.100					
Ametoctradin	0.010						
Amidosulfuron	0.050						
Aminopyralid	0.020						
Amisulbrom	0.010						
Amitraz	0.100						
Amitrole	0.020	N.D.			N.D.		
Anilazine	0.050			1.000			
Aramite	0.100	0.010					
Asulam	0.050	0.020					
Atrazine	0.100	0.010					
Azadirachtin	0.010						
Azimsulfuron	0.100	0.010					
Azinphos-ethyl	0.050						
Azinphos-methyl	0.100	0.010					
Azocyclotin and Cyhexatin	2.000	N.D.			N.D.		
Azoxystrobin	0.100	0.050		0.050			
Barban	0.100						
Beflubutamid	0.100						
Benalaxyl	0.100	0.010					
Benfluralin	0.050						

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Benfuracarb	0.100	0.010					
Bensulfuron-Methyl		0.020					
Bensulide		0.030					
Bentazone	0.100	0.020					
Benthiavalicarb	0.010	0.010					
Benzyladenine		0.020					
Bifenazate	0.020						
Bifenox	0.050	0.010					
Bifenthrin	0.100	0.010	0.050				
Bilanafos		0.004					
Binapacryl	0.100						
Bioresmethrin		0.100			0.100		
Biphenyl	0.050						
Bitertanol	0.100	0.010					
Bixafen	0.010						
Boscalid	0.500	0.050		0.050			
Brodifacoum		0.001					
Bromide ion	70.000	60.000	75.000	50.000			
Bromophos-ethyl	0.100	0.010					
Bromopropylate	0.050	0.010					
Bromoxynil	0.100	0.010					
Bromuconazole	0.050						
Bupirimate	0.050	0.010					
Buprofezin	0.050	0.010	0.350				
Butralin	0.020						
Butylate	0.050						
Cadusafos	0.010			0.050			
Camphechlor (Toxaphene) *	0.100						
Captafol	0.100	N.D.	X		N.D.		
Captan	0.050	0.010					
Carbadox	X	N.D.					
Carbaryl	0.100	0.010					
Carbendazim and benomyl	0.100	0.100					
Carbetamide	0.050						
Carbofuran	0.050	1.000	0.100	0.100		0.100	0.100
Carbosulfan	0.100	0.010					
Carboxin	0.050	0.010					
Carfentrazone-ethyl	0.020	0.100	0.100	0.050			
Chloramphenicol		N.D.					
Chlorantraniliprole	0.020		0.400				
Chlorbenside	0.100	0.010					
Chlorbufam	0.100	0.010					
Chlordane *	0.020	0.010					
Chlordecone *	0.020						

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Chlorfenapyr	0.100	0.010	0.010				
Chlorfenson	0.100	0.010					
Chlorfenvinphos	0.050	0.010					
Chlorfluazuron		0.050					
Chloridazon	0.100						
Chlormequat	0.100						
Chlorobenzilate	0.100	0.010					
Chloropicrin	0.020						
Chlorothalonil	0.100	0.200	0.200	0.200	0.200		
Chlorotoluron	0.050						
Chloroxuron	0.100	0.010					
Chlorpromazine		N.D.					
Chlorpropham	0.100	0.010					
Chlorpyrifos	0.200	0.050	0.100	0.050		0.050	0.050
Chlorpyrifos-methyl	0.100	0.010					
Chlorsulfuron	0.050						
Chlorthal-dimethyl	0.010	0.010					
Chlorthiamid	0.050						
Chlozolate	0.100	0.010					
Chromafenozide	0.020						
Cinidon-ethyl	0.100						
Clethodim	0.100	0.010					
Clodinafop	0.050	0.020					
Clofentezine	0.050	0.020					
Clomazone	0.020	0.020					
Clopyralid	0.500						
Clothianidin	0.050	0.050					
Copper compounds	50.000						
Copper nonylphenosulfonate		0.040					
Copper telephthalate		0.500					
Coumaphos		N.D.					
Cyanamide	0.100						
Cyazofamid	0.020						
Cyclanilide	0.100	0.010					
Cycloprothrin		0.020					
Cycloxydim	0.050	0.050					
Cyflufenamid	0.050	0.010					
Cyfluthrin	0.100	0.020	0.050	0.010			
Cyhalofop-butyl	0.050	0.010					
Cymoxanil	0.050	0.050					
Cypermethrin	0.100	0.050	0.050		0.050	0.050	0.050
Cyproconazole	0.100	0.100	0.100	0.100	0.100		
Cyprodinil	0.050	0.010					
Cyromazine	0.050	0.010					

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Dalapon (2,2-Dichloropropanoic acid)	0.100	0.010					
Daminozide	0.100	N.D.			N.D.		
Dazomet	0.020						
DBEDC		0.500					
DDT †	1.000	0.010					
Deltamethrin (cis-deltamethrin)	2.000	2.000	0.050	1.000	2.000	2.000	
Demeton-S-Methyl		0.050					
Desmedipham	0.100						
Diafenthiuron		0.020					
Diallate	0.100	0.010					
Diazinon	0.020	0.010					
Dicamba	0.050						
Dichlobenil	0.050	0.010					
Dichlorprop	0.050	0.010					
Dichlorvos	0.020	0.200			0.200	2.000	
Diclofop	0.050						
Diclomezine		0.020					
Dicloran	0.010						
Dicofol	0.050	0.010					
Diethofencarb	0.050	0.010					
Diethylstilbestrol		N.D.					
Difenoconazole	0.050	0.010		0.500			
Difenzoquat		0.050					
Diflubenzuron	0.050	0.050					
Diflufenican	0.050	0.002					
Diflufenzopyr		0.050					
Dimethachlor	0.020						
Dimethenamid-p	0.020	0.010					
Dimethipin	0.100	0.040					
Dimethoate	0.050	0.010					
Dimethomorph	0.050	0.010					
Dimetridazole		N.D.					
Dimoxystrobin	0.010						
Diniconazole	0.050						
Dinocap	0.100						
Dinoseb	0.100						
Dinoterb	0.100						
Dioxathion	0.100	0.010					
Diphenylamine	0.050						
Diquat	0.100	0.050	0.050	0.100			
Disulfoton	0.050	0.200	0.200	0.100		0.200	
Dithianon	0.010						
Dithiocarbamates	0.100	5.000					

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Diuron	0.100	0.020		1.000			
DNOC	0.100						
Dodine	0.200						
Emamectin	0.020	0.010					
Endosulfan *	0.100	0.100		0.050		0.100	0.100
Endrin *	0.010	N.D.					
Epoxiconazole	0.050	0.010	0.050	0.100			
EPTC (ethyl dipropylthiocarbamate)	0.050	0.010					
Ethalfuralin	0.020	0.010					
Ethametsulfuron-methyl	0.020						
Ethephon	0.100	0.100	0.500	1.000			
Ethion	0.050	0.010		0.050			0.100
Ethirimol	0.050						
Ethofumesate	0.100	0.010					
Ethoprophos	0.020	0.010					
Ethoxyquin	0.050	0.050					
Ethoxysulfuron	0.100						
Ethyclozate		0.010					
Ethylene dibromide (1,2-dibromoethane)	0.020	N.D.					
Ethylene dichloride (1,2-dichloroethane)	0.020						
Ethylene oxide	0.200						
Etofenprox	0.010	0.010					
Etoxazole	0.050	0.010					
Etridiazole	0.050	0.010					
Famoxadone	0.050	0.010					
Fenamidone	0.050						
Fenamiphos	0.050	0.010		0.100		0.100	
Fenarimol	0.050	0.010					
Fenazaquin	0.010						
Fenbuconazole	0.050	0.010					
Fenbutatin oxide	0.100	0.050					
Fenclorphos	0.100	0.010					
Fenhexamid	0.100						
Fenitrothion	0.020	0.010		0.100			
Fenoxaprop-P	0.100						
Fenoxycarb	0.050	0.050					
Fenpropathrin	0.020	0.010		0.500			
Fenpropidin	0.050						
Fenpropimorph	0.100	0.010					
Fenpyrazamine	0.010						
Fenpyroximate	0.100	0.020		0.050			
Fenthion	0.050	0.010		0.100			0.100

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Fentin acetate	0.100	0.100		0.100		0.100	
Fentin hydroxide	0.100	0.100		0.100		0.100	
Fenvalerate and Esfenvalerate	0.050	0.010	0.050	0.050			
Fipronil	0.005	0.002					
Flazasulfuron	0.020	0.020		0.030			
Flonicamid	0.050	0.010					
Florasulam	0.100						
Florchlorfenuron	0.050						
Fluazifop-P-butyl	0.100	0.100	0.100	0.030	0.100		
Fluazinam	0.050	0.010					
Flubendiamide	0.020	0.010					
Flucycloxuron	0.050						
Flucythrinate	0.100	0.050			0.050		
Fludioxonil	0.050	0.010					
Flufenacet	0.050	0.010					
Flufenoxuron	0.050	0.010					
Flufenzin	0.050						
Flumioxazine	0.100	0.010		0.050			
Fluometuron	0.020	0.020					
Fluopicolide	0.020						
Fluopyram	0.010						
Fluoride	5.000		15.000				
Fluoroglycofene	0.020						
Fluroimide		0.040					
Fluoxastrobin	0.100						
Flupyrsulfuron-methyl	0.050						
Fluquinconazole	0.050	0.010		0.070			
Flurochloridone	0.100						
Fluroxypyr	0.100	0.010					
Flurprimidole	0.020						
Flurtamone	0.050						
Flusilazole	0.050	0.010					
Flutolanil	0.050	0.010					
Flutriafol	0.050	0.010		0.050			
Fluxapyroxad	0.010						
Folpet	0.050						
Fomesafen	0.050	0.010					
Foramsulfuron	0.050	0.010					
Forchlorfenuron	0.050						
Formetanate	0.050						
Formothion	0.050						
Fosetyl-Al	5.000	0.500		0.050			
Fosthiazate	0.050	0.010		0.100			
Fuberidazole	0.050	0.010					

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Furaltadone		N.D.					
Furametpyr		0.100					
Furathiocarb	0.100	0.010					
Furazolidone		N.D.					
Furfural	1.000						
Gibberellic acid	5.000						
Glufosinate-ammonium	0.100	0.010		0.050			
Glyphosates	0.100	1.000	1.000	1.000	1.000		
Guazatine	0.100						
Halosulfuron methyl	0.020	0.010					
Haloxyfop	0.050	0.010					
Heptachlor *	0.020	0.010					
Hexachlorobenzene * ‡	0.020	0.010					
Hexachlorociclohexane	0.020						
Hexaconazole	0.100	0.050		0.050	0.050		
Hexaflumuron		0.020					
Hexythiazox	0.050	0.010		0.100			
Hydrogen cyanide		1.000					
Hydrogen phosphide		0.060					
Hymexazol	0.050	0.020					
Imazalil	0.100	0.010					
Imazamox	0.100						
Imazapic	0.010						
Imazaquin	0.050	0.050					
Imazethapyr ammonium		0.050					
Imazosulfuron	0.020	0.010					
Imidacloprid	1.000	0.700	0.800	0.070			
Iminoctadine		0.020		0.100			
Indoxacarb	0.050	0.010					
Iodosulfuron-methyl	0.050	0.010					
Ioxynil	0.100	0.010					
Ipconazole	0.020						
Iprodione	0.100	0.050		2.000			
Iprovalicarb	0.100						
Isoprothiolane	0.010	0.010					
Isoproturon	0.100						
Isopyrazam	0.010						
Isouron		0.020					
Isoxaben	0.020						
Isoxaflutole	0.100	0.010					
Kresoxim-methyl	0.100			0.050			
Lactofen	0.020	0.010					
Lambda-Cyhalothrin	0.050		0.010	0.050			
Lenacil	0.100	0.010					

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Lindane *	0.100	0.002					
Linuron	0.100	0.020					
Lufenuron	0.020	0.010		0.050			
Malachite Green		N.D.					
Malathion	0.020	0.500		0.010			
Maleic hydrazide	0.500	0.200					
Mandipropamid	0.020						
MCPA and MCPB	0.100	0.010					
Mecarbam	0.100	0.010					
Mecoprop	0.100	0.010					
Mepanipyrim	0.020						
Mepiquat	0.100						
Mepronil	0.100	0.010					
Meptyldinocap	0.100						
Mercury compounds	0.020						
Mesosulfuron-methyl	0.020	0.010					
Mesotrione	0.100						
Metaflumizone	0.100						
Metalaxyl and metalaxyl-M	0.100	0.010					
Metaldehyde	0.050						
Metamitron	0.100						
Metazachlor	0.200						
Metconazole	0.020	0.010		0.200			
Methabenzthiazuron	0.050	0.010					
Methacrifos	0.100	0.010					
Methamidophos	0.020	0.010					
Methidathion	0.100	1.000				0.100	
Methiocarb	0.100	0.010					
Metholachlor and metholachlor-S	0.100	0.010					
Methomyl and Thiodicarb	0.100	1.000					
Methoprene	0.050	0.010					
Methoxychlor	0.100	0.010					
Methoxyfenozide	0.050	0.010					
Metosulam	0.010	0.010					
Metrafenone	0.050						
Metribuzin	0.100	0.010		0.100			
Metronidazole		N.D.					
Metsulfuron-methyl	0.100						
Mevinphos	0.020	0.010					
Milbemectin	0.100	0.010					
Molinate	0.100	0.020					
Monocrotophos	0.100	0.010				0.100	
Monolinuron	0.100	0.010					
Monuron	0.050						

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Myclobutanyl	0.050	0.010		0.100			
Napropamide	0.050	0.100	0.100				
Nicosulfuron	0.050						
Nitenpyram		0.030					
Nitrofen	0.020						
Nitrofurantoin		N.D.					
Nitrofurazone		N.D.					
Novaluron	0.010	0.010	0.010	0.500			
Orthosulfamuron	0.010						
Oryzalin	0.020	0.100		0.020			
Oxadiargyl	0.050						
Oxadiazon	0.050						
Oxadixyl	0.020	0.010					
Oxamyl	0.020	0.100			0.100		
Oxasulfuron	0.100						
Oxaziclomefon		0.010					
Oxycarboxin	0.050						
Oxydemeton-methyl	0.050						
Oxyfluorfen	0.050	0.050	0.050	0.050			
Paclobutrazol	0.020						
Paraquat	0.050	0.050	0.050	0.050			
Parathion	0.100	0.010					
Parathion-methyl	0.050	0.010					
Penconazole	0.100	0.010					
Pencycuron	0.050	0.010					
Pendimethalin	0.100	0.010		0.100			
Penoxsulam	0.020	0.010					
Permethrin	0.100	0.050		0.010	0.050	0.050	
Pethoxamid	0.020						
Phenmedipham	0.100						
Phenothrin	0.050	0.020	0.010				
Phorate	0.100	0.020	0.020	0.050			
Phosalone	0.100	0.010					
Phosmet	0.100	0.010					
Phosphamidon	0.020	0.010					
Phosphines and phosphides	0.050		0.100	0.100			
Phosphorodithioate			0.300				
Phoxim	0.100	0.020					
Picloram	0.010						
Picolinafen	0.100	0.010					
Picoxystrobin	0.100						
Pindone		0.001					
Pinoxaden	0.050						
Pirimicarb	0.050	0.010					

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Pirimiphos-methyl	0.050	0.010					
Probenazole		0.030					
Prochloraz	0.200	0.200			0.200	0.200	
Procymidone	0.100	0.010					
Profenofos	0.100	0.010		0.030			
Profoxydim	0.100						
Prohexadione	0.100	0.020					
Propachlor	0.050	0.010					
Propamocarb	0.200						
Propanil	0.100	0.010					
Propaquizafop	0.050	0.010					
Propargite	0.020	0.010					
Propham	0.100	N.D.					
Propiconazole	0.100	0.100		0.050	0.020	0.100	
Propineb	0.100						
Propisochlor	0.010						
Propoxur	0.100	0.010					
Propoxycarbazone	0.050	0.010					
Propyzamide	0.050	0.010					
Proquinazid	0.050						
Prosulfocarb	0.050						
Prosulfuron	0.100	0.010					
Prothioconazole	0.020						
Pymetrozine	0.100	0.010					
Pyraclostrobin	0.200	0.300		0.500			
Pyraflufen-ethyl	0.050	0.010					
Pyrasulfotole	0.020						
Pyrazolynate		0.020					
Pyrazophos	0.100	0.010					
Pyrethrins	0.500	0.050	1.000				
Pyridaben	0.050	0.010					
Pyridalyl	0.020	0.010					
Pyridate	0.100						
Pyrimethanil	0.100	0.010					
Pyriproxyfen	0.050	0.010	0.020	0.010			
Pyroxsulam	0.020						
Quinalphos	0.100	0.010					
Quinclorac	0.100						
Quinmerac	0.100						
Quinoxifen	0.050	0.010					
Quintozene	0.050	0.010					
Quizalofop	0.050						
Resmethrin	0.200	0.010	3.000				
Rimsulfuron	0.100						

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Ronidazole		N.D.					
Rotenone	0.020						
Sec-Butylamine		0.100					
Silthiofam	0.100						
Simazine	0.050	0.010		0.020			
Spinetoram (XDE-175)	0.100						
Spinosad	0.020	0.010	0.020	0.200			
Spirodiclofen	0.050	0.010		0.030			
Spiromesifen	0.020						
Spirotetramat	0.100						
Spiroxamine	0.100	0.010					
Sulcotrione	0.050						
Sulfentrazone		0.050		0.500			
Sulfosulfuron	0.100						
Sulfuryl fluoride	0.020	1.000	1.000				
Sulphur	5.000						
Tau-Fluvalinate	0.010						
Tebuconazole	0.100	0.200	0.150	0.200			
Tebufenozide	0.100	0.010					
Tebufenpyrad	0.100	0.010					
Tebuthiuron		0.020					
Tecnazene	0.100	0.010					
Teflubenzuron	0.050	0.020		0.500			
Tefluthrin	0.050	0.010					
Tembotrione	0.050						
TEPP	0.020						
Tepraloxymid	0.100	0.050					
Terbufos	0.010	0.050	0.050	0.050		0.050	
Terbuthylazine	0.050						
Tetraconazole	0.020	0.010		0.080			
Tetradifon	0.050	0.010					
Thiabendazole	0.100	0.010					
Thiacloprid	0.050	0.010					
Thiamethoxam	0.200	0.050	0.050	0.020			
Thifensulfuron-methyl	0.100	0.010					
Thiobencarb	0.100	0.010					
Thiophanate-methyl	0.100			0.030			
Thiram	0.200						
Tolclofos-methyl	0.100	0.010					
Tolyfluanid	0.100						
Topramezone	0.020						
Tralkoxydim	0.050	0.010					
Triadimefon	0.200	0.050		0.100		0.050	0.050
Triadimenol	0.200	0.100		0.500		0.100	0.100

Pesticide	EU	Japan	USA	Brazil	Ecuador	Indonesia	Kenya
Tri-allate	0.100	0.010					
Triasulfuron	0.100	0.010					
Triazophos	0.020	0.010		0.010	N.D.	0.050	
Tribenuron-methyl	0.020	0.010					
Trichlamide		0.100					
Trichlorfon	0.100	0.010		0.050			
Triclopyr	0.100	0.030					
Tricyclazole	0.050	0.020					
Tridemorph	0.100	0.010					
Trifloxystrobin	0.050	0.050		0.050			
Triflumizole	0.100	0.050					
Triflururon	0.050	0.020					
Trifluralin	0.100	0.010					
Triflurosulfuron	0.050						
Triforine	0.050						
Trimethyl-sulfonium cation	0.050						
Trinexapac	0.050	0.010					
Triticonazole	0.020	0.010					
Tritosulfuron	0.020						
Valifenalate	0.020						
Vamidothion		0.020					
Vinclozolin	0.100	0.010					
Warfarin		0.001					
Ziram	0.200						
Zoxamide	0.050						

In mg/kg

A blank means information is not available

* Listed in Stockholm Convention Annex A

† Listed in Stockholm Convention Annex B

‡ Listed in Stockholm Convention Annex C

N.D. – Not to be detected

X – Banned at any level