

# C O D E X   A L I M E N T A R I U S   C O M M I S S I O N



**Food and Agriculture  
Organization of  
the United Nations**



**World Health  
Organization**

# E

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**Agenda Item 5**

**CX/PR 14/46/5**

**April 2014**

**ENGLISH ONLY**

**JOINT FAO/WHO FOOD STANDARDS PROGRAMME  
CODEX COMMITTEE ON PESTICIDE RESIDUES**

**46<sup>th</sup> Session**

**Nanjing, P.R. China, 5 - 10 May 2014**

**DRAFT AND PROPOSED DRAFT MAXIMUM RESIDUE LIMITS IN FOODS AND FEEDS  
AT STEPS 7 AND 4**

This document contains the following:

**Explanatory Notes**

**Table 1** List of pesticides whose maximum residue limits or guidelines levels have been withdrawn by the Codex Alimentarius Commission and for which no MRLs have been proposed

**Indices of Pesticides**

**Part 1** List of maximum residue limits for pesticides in food and animal feeds (at various Steps of the Codex Procedure)

**Part 2** List of extraneous maximum residue limits for pesticides in food and animal feeds (at various Steps of the Codex Procedure)

**Part 3** List of pesticides for which guideline levels have been set

**ANNEX I** MRL Periodic Review Procedure

## EXPLANATORY NOTES

### 1. DATES OF ESTIMATION OF ACCEPTABLE DAILY INTAKES (ADIs), TEMPORARY ACCEPTABLE DAILY INTAKES (TADIs), PROVISIONAL TOLERABLE DAILY INTAKES (PTDIs) AND ACUTE REFERENCE DOSES (ACUTE RfD)

ADIs/PTDIs/Acute RfD	The Year of estimation or confirmation is shown in parentheses.
TADIs	The period from the year of estimation or most recent extension to the year by which data needed for the estimation of a full ADI are required is shown in parentheses.

### 2. QUALIFICATION OF MRLS

(*)	(following MRLs)	:	At or about the limit of quantification.
E	(following MRLs)	:	The MRL based on extraneous residues.
EMRL	(as heading)	:	Extraneous Maximum Residue Limit.
F	(following MRLs for milk)	:	The residue is fat soluble and MRLs for milk and milk products are derived as explained in the introductions to Volume 2 of the <i>Codex Alimentarius</i> .  The 2004 JMPR decided that, for fat-soluble pesticides, two maximum residue levels will be estimated, if data permit: one for whole milk and one for milk fat. For enforcement purposes, a comparison can be made either of the residue in milk fat with the MRL for milk (fat) or of the residue in whole milk with the MRL for milk (for details see: Report of the JMPR 2004, "2.7 Revisited: MRLs for fat-soluble pesticides in milk and milk products", pages 24-25.
(fat)	(following MRLs for meat)	:	The MRL applies to the fat of the meat.
GL	(as heading)	:	Guideline Level. GLs are elaborated by the CCPR up to Step 4 of the Procedure and held there pending "acceptable daily intakes" or "temporary acceptable intakes" being estimated for the pesticides in question by the JMPR. <b>GLs do not represent Codex recommendations.</b>
Po	(following (T) MRLs)	:	The MRL accommodates post-harvest treatment of the commodity.
PoP	(following (T)MRLs for processed foods (Classes D and E in the Classification))	:	The MRL accommodates post-harvest treatment of the primary food commodity.
T	(following MRL)	:	The MRL is temporary, irrespective of the status of the ADI, until required information has been provided and evaluated.
TMRL	(as heading)	:	All MRLs are temporary because the ADI is temporary.

### 3. STEP NUMBERS

CXL-D	:	The CCPR decided to recommend to the Codex Alimentarius Commission to delete the CXL, pending decision by the Commission.
5/8	:	The draft MRL is submitted to the CAC simultaneously at Steps 5 and 8 because the CCPR has recommended the omission of, or has already carried out, Steps 6 and 7.
(a) (following Step number)	:	The MRL is a proposed amendment to a CXL.

### 4. REFERENCES

References are normally given only for those MRLs which are due for further discussion within the CCPR. They are therefore given only exceptionally for MRLs which are CXLs or are at Step 8, 5A, or 5/8. References are indicated in the example shown below:

Commodity		(T)MRL	Step	References	
No	Name	(mg/kg)		JMPR	CCPR
(1)	(1)			69, 70 (2) (3)	20.131: 21.172 (4) (5)

- (1) : Code Number and Name of Commodity - Reference to the Codex Classification of Foods and Animal Feeds (CAC/MISC 4-1993).
- (2) : Year in which limit was first estimated. Note that it is not necessarily the year when the (T) MRL was first recommended, because the limit may have been recorded originally as a Guideline Level and converted to a (T) MRL when a (T) ADI was estimated.
- (3) : Year(s) of subsequent review(s) (of new or original data or both) unless the review resulted in a revised estimate.
- (4) : No of Session of CCPR at which recommendation was discussed. The document numbers of the relevant reports are listed below.
- (5) : No of paragraph in CCPR report.

#### 5. JMPR EVALUATIONS

T : Toxicological Evaluation

R : Residue Evaluation

only year : Both toxicological and residue evaluations

after year : Periodic Review

brackets : Tentative year for JMPR evaluation

**6. REPORTS OF CCPR SESSIONS**

Session No.	Year	Document Reference No.	Session No.	Year	Document Reference No.
1	1966	ALINORM 66/24	23	1991	ALINORM 91/24A
2	1967	ALINORM 68/24	24	1992	ALINORM 93/24
3	1968	ALINORM 69/24	25	1993	ALINORM 93/24A
4	1969	ALINORM 70/24	26	1994	ALINORM 95/24
5	1970	ALINORM 71/24	27	1995	ALINORM 95/24A
6	1972	ALINORM 72/24A	28	1996	ALINORM 97/24
7	1974	ALINORM 74/24	29	1997	ALINORM 97/24A
8	1975	ALINORM 76/24	30	1998	ALINORM 99/24
9	1977	ALINORM 78/24	31	1999	ALINORM 99/24A
10	1978	ALINORM 79/24	32	2000	ALINORM 01/24
11	1979	ALINORM 79/24A	33	2001	ALINORM 01/24A
12	1980	ALINORM 81/24	34	2002	ALINORM 03/24
13	1981	ALINORM 83/24	35	2003	ALINORM 03/26A
14	1982	ALINORM 83/24A	36	2004	ALINORM 04/27/24
15	1983	ALINORM 85/24	37	2005	ALINORM 05/28/24
16	1984	ALINORM 85/24A	38	2006	ALINORM 06/29/24
17	1985	ALINORM 85/24B	39	2007	ALINORM 07/30/24
18	1986	ALINORM 87/24	40	2008	ALINORM 08/31/24
19	1987	ALINORM 87/24A	41	2009	ALINORM 09/32/24
20	1988	ALINORM 89/24	42	2010	ALINORM 10/33/24
21	1989	ALINORM 89/24A	43	2011	REP11/PR
22	1990	ALINORM 91/24	44	2012	REP12/PR
			45	2013	REP13/PR

**6. CLASSIFICATION OF USES**

1	Acaricide	12	Molluscicide
2	Aphicide	13	Miticide
4	Fumigant	14	Nematicide
5	Fungicide	16	Plant Growth Regulator
7	Herbicide	17	Rodenticide
8	Insecticide	18	Repellant
9	Insect Growth Regulator	20	Synergist
10	Ixodicide (for tick control)	21	Storage Scald Preventer
11	Larvicide	22	Scald Control Agent

INDEX OF PESTICIDES IN ALPHABETICAL ORDER

ABAMECTIN (177)\*  
ACEPHATE (95)  
ACETAMIPRID (246)  
ALDICARB (117)  
ALDRIN AND DIELDRIN (1)\*\*  
AMETOCTRADIN (260)  
AMINOCARB (134)\*  
AMINOMETHYL PHOPHONIC ACID (AMPA) (198)  
AMINOPYRALID (220)  
AMITRAZ (122)  
AMITROLE (79)\*  
ANILAZINE (163)  
AZINPHOS-ETHYL (68)\*  
AZINPHOS-METHYL (2)  
AZOCYCLOTIN (129)  
AZOXYSTROBIN (229)  
BENALAXYL (155)  
BENDIOCARB (137)  
BENOMYL (69)  
BENTAZONE (172)  
BENZOVINDIFLUPYR (261)  
BETA CYFLUTHRIN (228)  
BIFENAZATE (219)  
BIFENTHRIN (178)  
BINAPACRYL (3)\*  
BIORESMETHRIN (93)  
BITERTANOL (144)  
BIXAFEN (262)  
BOSCALID (221)  
BROMIDE ION (47)  
BROMOPHOS (4)\*  
BROMOPHOS-ETHYL (5)\*  
BROMOPROPYLATE (70)  
BUPROFEZIN (173)  
BUTOCARBOXIM (139)\*  
CADUSAFOS (174)  
CAMPHECHLOR (71)\*  
CAPTAFOL (6)\*  
CAPTAN (7)  
CARBARYL (8)  
CARBENDAZIM (72)  
CARBOFURAN (96)  
CARBON DISULPHIDE (9)\*  
CARBON TETRACHLORIDE (10)\*  
CARBOPHENOTHION (11)\*  
CARBOSULFAN (145)\*  
CARTAP (97)  
CHINOMETHIONAT (80)  
CHLORANTRANILIPROLE (230)  
CHLORDANE (12)\*\*  
CHLORDIMEFORM (13)\*  
CHLORFENAPYR (254)  
CHLORFENVINPHOS (14)  
CHLORMEQUAT (15)  
CHLOROBENZILATE (16)\*  
CHLOROTHALONIL (81)  
CHLORPROPHAM (201)  
CHLORPYRIFOS (17)  
CHLORPYRIFOS-METHYL (90)  
CIPRODINIL (207)  
CLETHODIM (187)  
CLOFENTEZINE (156)  
CLOTHIANIDIN (238)  
COUMAPHOS (18)\*  
CRUFOMATE (19)\*  
CYANOFENPHOS (91)\*  
CYANTRANILIPROLE (263)  
CYCLOXYDIM (179)  
CYFLUTHRIN (157)  
CYHALOTHRIN (146)  
CYHEXATIN (67)  
CYPERMETHRIN (118)  
CYPROCONAZOLE (239)  
CYPRODINIL (207)  
CYROMAZINE (169)  
DAMINOZIDE1 (4)\*  
2,4-D (20)  
DDT (21)\*\*  
DELTAMETHRIN1 (35)  
DEMETON (92)\*  
DEMETON-S-METHYL (73)  
DEMETON-S-METHYLSULPHON (164)  
DIALIFOS (98)\*  
DIAZINON (22)  
1,2-DIBROMOETHANE (23)\*  
DICAMBA (240)  
DICHLOFLUANID (82)  
1,2-DICHLOROETHANE (24)\*  
DICHLORVOS (25)  
DICLORAN (83)  
DICOFOL (26)  
DIFENOCONAZOLE (224)  
DIFLUBENZURON (130)  
DIMETHENAMEID-P (214)\*  
DIMETHIPIN (151)  
DIMETHOATE (27)  
DIMETHOMORPH (225)  
DINOCAP (87)\*  
DINOTEFURAN (255)  
DIOXATHION (28)\*  
DIPHENYL (29)\*  
DIPHENYLAMINE (30)  
DIQUAT (31)  
DISULFOTON (74)  
DITHIANON (180)  
DITHIOCARBAMATES (105)  
DODINE (84)  
EDIFENPHOS (99)\*  
EMAMECTIN BENZOATE (247)  
ENDOSULFAN (32)  
ENDRIN (33)\*\*  
ESFENVALERATE (204)  
ETHEPHON (106)  
ETHIOFENCARB (107)\*  
ETHION (34)  
ETHOPROPHOS (149)  
ETHOXYQUIN (35)  
ETHYLENE THIOUREA (ETU) (108)\*  
ETOFENPROX (184)  
ETOXAZOLE (241)  
ETRIMFOS (123)  
FAMOXADONE (208)  
FENAMEIPHOS (85)  
FENAMIDONE (264)  
FENARIMOL (192)  
FENBUCONAZOLE (197)  
FENBUTATIN OXIDE (109)  
FENCHLORPHOS (36)\*  
FENHEXAMID (215)\*  
FENITROTHION (37)  
FENPROPATHRIN (185)  
FENPROPIMORPH (188)  
FENPYROXIMATE (193)  
FENSULFOTHION (38)\*

FENTHION (39)	METALAXYL-M (212)*	PYRACLOSTROBIN (210)
FENTIN (40)	METHACRIFOS (125)	PYRAZOPHOS (153)
FENVALERATE (119)	METHAMIDOPHOS (100)	PYRETHRINS (63)
FIPRONIL (202)	METHIDATHION (51)	PYRIMETHANIL (226)
FLUBENDIAMIDE (242)	METHIOCARB (132)	PYRIPROXIFEN (200)
FLUCYTHRINATE (152)	METHOMYL (94)	QUINOXYFEN (222)
FLUDIOXONIL (211)	METHOPRENE (147)	QUINTOZENE (64)
FLUENSULFONE (265)	METHOXYFENOZIDE (209)	SAFLUFENACIL (251)
FLUMETHRIN (195)	METHYL BROMIDE (52)***	SEC-BUTYLAMINE (89)*
FLUOPICOLIDE (235)	METIRAM (186)	SEDAXANE (259)
FLUOPYRAM (243)	MEVINPHOS (53)	SPINETORAM (233)
FLUSILAZOLE (165)	MONOCROTOPHOS (54)	SPINOZAD (203)
FLUTOLANIL (205)	MYCLOBUTANIL (181)	SPIRODICLOFEN (237)
FLUTRIAFOL (248)	NITROFEN (140)*	SPIROTETRAMATE (234)
FLUXAPYROXAD (256)	NOVALURON* (217)	SULFOXAFLOR (252)
FOLPET (41)	OMETHOATE (55)	SULFURYL FLUORIDE* (218)
FORMOTHION (42)*	OXAMYL (126)	2,4,5-T (121)*
GLUFOSINATE-AMMONIUM (175)	OXYDEMETON-METHYL (166)	TEBUCONAZOLE (189)
GLYPHOSATE1 (58)	PACLOBUTRAZOL (161)	TEBUFENOZIDE (196)
GUAZATINE (114)	PARAQUAT (57)	TECNAZENE (115)
HALOXYFOP (194)	PARATHION (58)	TEFLUBENZURON (190)
HEPTACHLOR (43)**	PARATHION-METHYL (59)	TERBUFOS (167)
HEXACHLOROBENZENE (44)*	PENCONAZOLE (182)	THIABENDAZOLE (65)
HEXACONAZOLE (170)	PENTHIOPYRAD (253)	THIACLOPRID (223)
HEXYTHIAZOX (176)	PERMETHRIN (120)	THIAMETHOXAM (245)
HYDROGEN CYANIDE (45)*	PHENOTHRIN (127)	THIODICARB (154)
HYDROGEN PHOSPHIDE (46)	PHENTHOATE (128)	THIOMETON (76)
IMAZALIL (110)	2-PHENYLPHENOL (56)	THIOPHANATE-METHYL (77)
IMAZAPIC (266)	PHORATE (112)	TOLCLOFOS-METHYL (191)
IMAZAPYR (267)	PHOSALONE (60)	TOLFENPYRAD (269)
IMIDACLOPRIDE (206)	PHOSMET (103)	TOLYLFLUANID (162)
INDOXACARB* (216)	PHOSPHAMIDON (61)	TRIADIMEFON (133)
IPRODIONE (111)	PHOXIM (141)	TRIADIMENOL (168)
ISOFENPHOS (131)	PICOXYSTROBIN (258)	TRIAZOPHOS (143)
ISOPYRAZAM (249)	PIPERONYL BUTOXIDE (62)	TRICHLORFON (66)
ISOXAFLUTOLE (268)	PIRIMICARB (101)	TRIFLOXYSTROBIN (213*)
KRESOXIM-METHYL (199)	PIRIMIPHOS-METHYL (86)	TRIFLUMIZOLE (270)
LEPTOPHOS (88)*	PROCHLORAZ (142)	TRIFORINE (116)
LINDANE (48)	PROCYMIDONE (136)	TRINEXAPAC-ETHYL (271)
MALATHION (49)	PROFENOFOS (171)	VAMIDOTHION (78)
MALEIC HYDRAZIDE (102)	PROPAMOCARB (148)	VINCLOZOLIN (159)
MANCOZEB (50)	PROPARGITE (113)	ZOXAMIDE (227)
MANDIPROPAMID (231)	PROPHAM (183)	
MCPA (257)	PROPICONAZOLE (160)	Note:
MECARBAM (124)	PROPOXUR (75)	*, See Table 1;
MEPTYLDINOCAP (244)	PROPYLENE OXIDE (250)	** , See Part A.2 (EMRLs);
METAFLUMIZONE (236)	PROPYLENE THIOUREA (PTU)	*** , See Part A.3 (GLs);
METALAXYL (138)	(150)***	Otherwise see Part A.1 (MRLs).
	PROTHIOCONAZOLE (232)	

INDEX OF PESTICIDES IN CODE ORDER

1	ALDRIN AND DIELDRIN**	47	BROMIDE ION	93	BIORESMEHRIN
2	AZINPHOS-METHYL	48	LINDANE	94	METHOMYL
3	BINAPACRYL*	49	MALATHION	95	ACEPHATE
4	BROMOPHOS*	50	MANCOZEB	96	CARBOFURAN
5	BROMOPHOS-ETHYL*	51	METHIDATHION	97	CARTAP
6	CAPTAFOF*	52	METHYL BROMIDE***	98	DIALIFOS*
7	CAPTAN	53	MEVINPHOS	99	EDIFENPHOS*
8	CARBARYL	54	MONOCROTOPHOS	100	METHAMIDOPHOS
9	CARBON DISULPHIDE*	55	OMETHOATE	101	PIRIMICARB
10	CARBON TETRACHLORIDE*	56	2-PHENYLPHENOL	102	MALEIC HYDRAZIDE
11	CARBOPHENOTHION*	57	PARAQUAT	103	PHOSMET
12	CHLORDANE**	58	PARATHION	104	DAMINOZIDE*
13	CHLORDIMEFORM*	59	PARATHION-METHYL	105	DITHIOCARBAMATES
14	CHLORFENVINPHOS	60	PHOSALONE	106	ETHEPHON
15	CHLORMEQUAT	61	PHOSPHAMIDON	107	ETHIOFENCARB*
16	CHLOROBENZILATE*	62	PIPERONYL BUTOXIDE	108	ETHYLENE THIOUREA (ETU)*
17	CHLORPYRIFOS	63	PYRETHRINS	109	FENBUTATIN OXIDE
18	COUMAPHOS*	64	QUINTOZENE	110	IMAZALIL
19	CRUFOMATE*	65	THIABENDAZOLE	111	IPRODIONE
20	2,4-D	66	TRICHLORFON	112	PHORATE
21	DDT**	67	CYHEXATIN	113	PROPARGITE
22	DIAZINON	68	AZINPHOS-ETHYL*	114	GUAZATINE
23	1,2-DIBROMOETHANE*	69	BENOMYL	115	TECNAZENE
24	1,2-DICHLOROETHANE*	70	BROMOPROPYLATE	116	TRIFORINE
25	DICHLORVOS	71	CAMPHECHLOR*	117	ALDICARB
26	DICOFOL	72	CARBENDAZIM	118	CYPERMETHRIN
27	DIMETHOATE	73	DEMETON-S-METHYL	119	FENVALERATE
28	DIOXATHION*	74	DISULFOTON	120	PERMETHRIN
29	DIPHENYL*	75	PROPOXUR	121	2,4,5-T*
30	DIPHENYLAMINE	76	THIOMETON	122	AMITRAZ
31	DIQUAT	77	THIOPHANATE-METHYL	123	ETRIMFOS
32	ENDOSULFAN	78	VAMIDOTHION	124	MECARBAM
33	ENDRIN**	79	AMITROLE*	125	METHACRIFOS
34	ETHION	80	CHINOMETHIONAT	126	OXAMYL
35	ETHOXYQUIN	81	CHLOROTHALONIL	127	PHENOTHRIN
36	FENCHLORPHOS*	82	DICHLORFLUANID	128	PHENTHOATE
37	FENITROTHION	83	DICLORAN	129	AZOCYCLOTIN
38	FENSULFOTHION*	84	DODINE	130	DIFLUBENZURON
39	FENTHION	85	FENAMEIPHOS	131	ISOFENPHOS
40	FENTIN	86	PIRIMIPHOS-METHYL	132	METHIOCARB
41	FOLPET	87	DINOCAP*	133	TRIADIMEFON
42	FORMOTHION*	88	LEPTOPHOS*	134	AMINOCARB*
43	HEPTACHLOR**	89	SEC-BUTYLAMINE*	135	DELTAMETHRIN
44	HEXACHLOROBENZENE*	90	CHLORPYRIFOS-METHYL	136	PROCYMIDONE
45	HYDROGEN CYANIDE*	91	CYANOFENPHOS*	137	BENDIOCARB
46	HYDROGEN PHOSPHIDE	92	DEMETON*	138	METALAXYL

139	BUTOCARBOXIM*	184	ETOFENPROX	230	CHLORANTRANILIPROLE
140	NITROFEN*	185	FENPROPATHRIN	231	MANDIPROPAMID
141	PHOXIM	186	METIRAM	232	PROTHIOCONAZOLE
142	PROCHLORAZ	187	CLETHODIM	233	SPINETORAM
143	TRIAZOPHOS	188	FENPROPIMORPH	234	SPIROTETRAMATE
144	BITERTANOL	189	TEBUCONAZOLE	235	FLUOPICOLIDE
145	CARBOSULFAN*	190	TEFLUBENZURON	236	METAFLUMIZONE
146	CYHALOTHRIN	191	TOLCLOFOS-METHYL	237	SPIRODICLOFEN
147	METHOPRENE	192	FENARIMOL	238	CLOTHIANIDIN
148	PROPAMOCARB	193	FENPYROXIMATE	239	CYPROCONAZOLE
149	ETHOPROPHOS	194	HALOXYFOP	240	DICAMBA
150	PROPYLENE THIOUREA (PTU)***	195	FLUMETHRIN	241	ETOXAZOLE
151	DIMETHIPIN	196	TEBUFENOZIDE	242	FLUBENDIAMIDE
152	FLUCYTHRINATE	197	FENBUCONAZOLE	243	FLUOPYRAM
153	PYRAZOPHOS	198	AMINOMETHYL PHOPHONIC ACID (AMPA)	244	MEPTYLDINOCAP
154	THIODICARB	199	KRESOXIM-METHYL	245	THIAMETHOXAM
155	BENALAXYL	200	PYRIPROXIFEN	246	ACETAMIPRID
156	CLOFENTEZINE	201	CHLOROPROPHAM	247	EMAMECTIN BENZOATE
157	CYFLUTHRIN	202	FIPRONIL	248	FLUTRIAFOL
158	GLYPHOSATE	203	SPINOZAD	249	ISOPYRAZAM
159	VINCLOZOLIN	204	ESFENVALERATE	250	PROPYLENE OXIDE
160	PROPICONAZOLE	205	FLUTOLANIL	251	SAFLUFENACIL
161	PACLOBUTRAZOL	206	IMIDACLOPRID	252	SULFOXAFLOL
162	TOLYLFLUANID	207	CYPRODINIL	253	PENTHIOPYRAD
163	ANILAZINE	208	FAMOXADONE	254	CHLORFENAPYR
164	DEMETON-S- METHYLSULPHON	209	METHOXYFENOZIDE	255	DINOTEFURAN
165	FLUSILAZOLE	210	PYRACLOSTROBIN*	256	FLUXAPYROXAD
166	OXYDEMETON-METHYL	211	FLUDIOXONIL *	257	MCPA
167	TERBUFOS	212	METALAXYL-M*	258	PICOXYSTROBIN
168	TRIADIMENOL	213	TRIFLOXYSTROBIN*	259	SEDAXANE
169	CYROMAZINE	214	DIMETHENAMEID-P	260	AMETOCTRADIN
170	HEXAACONAZOLE	215	FENHEXAMID	261	BENZOVINDIFLUPYR
171	PROFENOFOS	216	INDOXACARB	262	BIXAFEN
172	BENTAZONE	217	NOVALURON	263	CYANTRANILIPROLE
173	BUPROFEZIN	218	SULFURYL FLUORIDE	264	FENAMIDONE
174	CADUSAFOS	219	BIFENAZATE	265	FLUENSULFONE
175	GLUFOSINATE-AMMONIUM	220	AMIOCLOPRID	266	IMAZAPIC
176	HEXYTHIAZOX	221	BOSCALID	267	IMAZAPYR
177	ABAMECTIN	222	QUINOXYFEN	268	ISOXAFLUTOLE
178	BIFENTHRIN	223	THIACLOPRID	269	TOLFENPYRAD
179	CYCLOXYDIM	224	DIFENOCONAZOLE	270	TRIFLUMIZOLE
180	DITHIANON	225	DIMETHOMORPH	271	TRINEXAPAC-ETHYL
181	MYCLOBUTANIL	226	PYRIMETHANIL		Note:
182	PENCONAZOLE	227	ZOXAMIDE		*, See Table 1;
183	PROPHAM*	228	BETA CYFLUTHRIN		** , See Part A.2 (EMRLs);
		229	AZOXYSTROBIN		*** , See Part A.3 (GLs);
					Otherwise see Part A.1 (MRLs).



**Table 1. LIST OF PESTICIDES WHOSE MRLs OR GLs HAVE BEEN WITHDRAWN BY THE CODEX ALIMENTARIUS COMMISSION AND FOR WHICH NO MRLs HAVE BEEN PROPOSED**

Code	Name	ADI (mg/kg body weight)	MRLs or GLs deleted
3	Binapacryl	Withdrawn (1982)	MRLs
4	Bromophos	0.04 (1977)	MRLs
5	Bromophos-Ethyl	0.03 (1975)	MRLs
6	Captafol	Withdrawn (TADI, 1985)	MRLs, TMRLs
9	Carbon Disulphide	Not cleared toxicologically	GLs
10	Carbon Tetrachloride	Not cleared toxicologically	GLs
11	Carbophenothion	0.0005 (1979)	MRLs
13	Chlordimeform	Withdrawn (TADI, 1987)	MRLs, TMRLs
14	Chlorfenvinphos	0.0005(1994)	MRLs
16	Chlorobenzilate	0.02 (1980)	MRLs
18	Coumaphos	Withdrawn (TADI, 1980)	GLs
19	Crufomate	0.1 (1968)	MRLs
23	1,2-Dibromoethane	Not cleared toxicologically	GLs
24	1,2-Dichloroethane	Not cleared toxicologically	GLs
28	Dioxathion	0.0015 (1968)	MRLs
29	Diphenyl	0.125 (1967)	MRLs
34	Ethion	0.002 (1990)	MRLs
36	Fenchlorphos	0.01 (1968)	MRLs
38	Fensulfothion	0.0003 (1982)	MRLs
40	Fentin	0.0005 (1991)	MRLs
42	Formothion	0.02 (1973)	MRLs
44	Hexachlorobenzene	Withdrawn (1978)	MRLs (GLs)
45	Hydrogen Cyanide	0.05 (1965)	MRLs
50	Mancozeb		
54	Monocrotophos	0.0006 (1993)	MRLs
58	Parathion	0.004 (1995)	MRLs
61	Phosphamidon	0.0005 (1986)	MRLs
66	Trichlorfon	0.02 (2000)	MRLs
68	Azinphos-Ethyl	Not cleared toxicologically	GLs
69	Benomyl		
71	Camphechlor	Not cleared toxicologically	GLs
73	Demeton-S-Methyl	0.0003 (1989)	

Code	Name	ADI (mg/kg body weight)	MRLs or GLs deleted
75	Propoxur	0.02 (1973)	
76	Thiometon	0.003 (1979)	
77	Thiophanate-Methyl	0.08 (1998)	
78	Vamidothion	0.008 (1988)	
80	Chinomethionat	0.006 (1987)	
88	Leptophos	Not cleared toxicologically	
89	Sec-Butylamine	Withdrawn (TADI, 1984)	MRLs, GLs
91	Cyanofenphos	Withdrawn (TADI, 1983)	TMRLs
92	Demeton	Withdrawn (1982)	MRLs, GLs
97	Cartap	Withdrawn (1995)	
98	Dialifos	Withdrawn (1982)	GLs
99	Edifenphos	0.003 (1981)	MRLs
104	Daminozide	0.5 (1989, 91)	MRLs (Step 6)
107	Ethiofencarb	0.1 (1982)	MRLs
108	Ethylene Thiourea	0.004 (1993)	MRLs (Step 8)
121	2,4,5-T	0.03 (1981)	MRLs
123	Etrimfos	0.003 (1982)	
124	Mecarbam	0.002 (1986)	
125	Methacrifos	0.006 (1990)	
127	Phenothrin	0.07 (1988)	
128	Phenthoate	0.003 (1984)	
131	Isofenphos	0.001(1986)	
134	Aminocarb	Not cleared toxicologically	GLs
136	Procyridone	1989	MRLs
137	Bendiocarb	0.004(1984)	
139	Butocarboxim	Not cleared toxicologically	GLs
140	Nitrofen	Not cleared toxicologically	GLs
141	Phoxim	0.004 (1999)	
145	Carbosulfan	0.01 (1986)	MRL (Step 6)
150	Propylene Thiourea (PTU)	0.0003 (1999)	
152	Flucythrinate	0.02 (1985)	
153	Pyrazophos	0.004 (1992)	
154	Thiodicarb	0.03 (1986)	

<b>Code</b>	<b>Name</b>	<b>ADI (mg/kg body weight)</b>	<b>MRLs or GLs deleted</b>
161	Paclobutrazol	0.1 (1988)	
163	Anilazine	0.1 (1989)	
164	Demeton-S-Methylsulphon	0.0003 (1989)	
170	Hexaconazole	0.005 (1990)	
183	Propham	Not cleared toxicologically	No MRLs proposed
186	Metiram	0.03 (1993)	
198	Aminomethyl Phosphonic Acid (Ampa)	0.3 (1997)	

**2 Azinphos-Methyl**

Main Uses: Insecticide

JMPR: 65T, 68, 72R, 73T, 74R, 91, 93R, 95R, 07'

ADI: 0-0.03 mg/kg body weight (2007)

Acute RfD: 0.1 mg/kg body weight (2007)

Residue: Azinphos-methyl

Note: Previous ADI: 0.005 mg/kg body weight (1991)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	10			CXL					1995
AM	0660 Almond hulls	5			CXL	95	29	28		1997
TN	0660 Almonds	0.05			CXL	95	29	28		1997
FP	0226 Apple	0.05			CXL		29			1997
FB	0020 Blueberries	5			CXL					1995
VB	0400 Broccoli	1			CXL					1995
FS	0013 Cherries	2			CXL		29			1997
AL	1031 Clover hay or fodder	5			CXL					1995
SO	0691 Cotton seed	0.2			CXL					1995
FB	0265 Cranberry	0.1			CXL					1995
VC	0424 Cucumber	0.2			CXL					1995
AO	0002 Fruits (except as otherwise listed)	1			CXL					1995
VC	0046 Melons, except watermelon	0.2			CXL					1995
FS	0245 Nectarine	2			CXL		29			1997
FS	0247 Peach	2			CXL		29			1997
FP	0230 Pear	2			CXL		29			1997
TN	0672 Pecan	0.3			CXL					1995
HS	0444 Peppers Chili, dried	10			CXL	04	38	37		2006
VO	0445 Peppers, Sweet (including pimento or pimienta)	1			CXL					1995
FS	0014 Plums (including prunes)	2			CXL		29			1997
VR	0589 Potato	0.05 (*)			CXL					1995
VD	0541 Soya bean (dry)	0.05 (*)			CXL					1995
HS	0093 Spices	0.5 (*)			CXL		37			2005
GS	0659 Sugar cane	0.2			CXL					1995
VO	0448 Tomato	1			CXL		29			1997
AO	0002 Vegetables (except as otherwise listed)	0.5			CXL					1995
TN	0678 Walnuts	0.3			CXL					1995
VC	0432 Watermelon	0.2			CXL					1995

**7 Captan**

Main Uses: Fungicide

JMPR: 63,65T,69,73T,74R,77,78,80R,82T,84,86R,87R,90,94R,95T,97R, 00R', 04T, 07T

ADI: 0-0.1 mg/kg body weight (1984; confirmed 1990, 1995)

Acute RfD: 0.3 mg/kg body weight (for women of child-bearing age) (2007)

Residue: Captan

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660 Almonds	0.3			CXL	00	34		2003	
FB	0020 Blueberries	20			CXL	94,00	37	28,31,32,34-39	2005	
FS	0013 Cherries	25			CXL	97,00	40	28,31,32,34-39	2008	
VC	0424 Cucumber	3			CXL	00	37	34-36	2005	
DF	0269 Dried grapes (=currants, raisins and sultanas)	50			CXL	97,00	40	28,31,32,34-39	2008	
FB	0269 Grapes	25			CXL	97,00	40	28,31,32,34-39	2008	
VC	0046 Melons, except watermelon	10			CXL	00	40	34-39	2008	
FS	0245 Nectarine	3			CXL	94,00	37	28,31,32,34-36	2005	
FS	0247 Peach	20			CXL	00	40	34-39	2008	
FS	0014 Plums (including prunes)	10			CXL	00	40	28,31,32,34-39	2008	
FP	0009 Pome fruits	15 (Po)			CXL	00	40	34-39	2008	
VR	0589 Potato	0.05			CXL	00	34		2003	
FB	0272 Raspberries, Red, Black	20			CXL	00	37	34-36	2005	
HS	0193 Spices, Roots and Rhizomes	0.05			CXL		43		2011	
FB	0275 Strawberry	15			CXL	94	28		2008	
VO	0448 Tomato	5			CXL	00	40	28,31,32,34-39	2008	

**8 Carbaryl**

Main Uses: Insecticide

JMPR: 65T, 66, 67, 68R, 69, 70R, 73, 75R, 76R, 77R, 79R, 84R, 96T', 00T, 01T, 02R', 07R

ADI: 0-0.008 mg/kg body weight (2001)

Acute RfD: 0.2 mg/kg body weight (2001)

Residue: For compliance with MRLs and for estimation of dietary intake: Carbaryl

Note: Previous ADI, 0.003 mg/kg bw (1996)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls			CXL	02	36	35	2004	
VS	0621	Asparagus			CXL	02	36	35	2004	
VR	0574	Beetroot			CXL	02	36	35	2004	
VR	0577	Carrot			CXL	02	36	35	2004	
FC	0001	Citrus fruits		(excluding kumquats)	CXL	02	45	35-41	2013	
FB	0265	Cranberry			CXL	07	40		2008	
VO	0440	Egg plant			CXL	02	36	35	2004	
MO	0098	Kidney of cattle, goats, pigs and sheep	3		CXL	02	36	35	2004	
MO	0099	Liver of cattle, goats, pigs & sheep	1		CXL	02	36	35	2004	
GC	0645	Maize	0.02	(*)	CXL	02	36	35	2004	
AS	0645	Maize fodder (dry)	250		CXL	02	36	35	2004	
OC	0645	Maize oil, Crude	0.1		CXL	02	36	35	2004	
MM	0095	Meat (from mammals other than marine mammals)	0.05		CXL	02	36	35	2004	
ML	0106	Milks	0.05		CXL	02	36	35	2004	
OC	0305	Olive oil, Virgin	25		CXL	02	36	35	2004	
FT	0305	Olives	30		CXL	02	36	35	2004	
VO	0444	Peppers Chili	0.5		CXL	07	40		2008	
HS	0444	Peppers Chili, dried	2		CXL	07	40		2008	
VO	0445	Peppers, Sweet (including pimento or pimienta)	5		CXL	02	36	35	2004	
CM	1206	Rice bran, Unprocessed	170		CXL	02	36	35	2004	
CM	1207	Rice hulls	50		CXL	02	36	35	2004	
AS	0649	Rice straw and fodder, Dry	120		CXL	02	36	35	2004	
CM	1205	Rice, Polished	1		CXL	02	36	35	2004	
GC	0651	Sorghum	10	Po T	CXL		31		1999	
AF	1053	Sorghum forage (dry)	50		CXL	02	36	35	2004	
VD	0541	Soya bean (dry)	0.2		CXL	02	35		2003	
AL	0541	Soya bean fodder	15		CXL	02	36	35	2004	
AB	0541	Soya bean hulls	0.3		CXL	02	36	35	2004	
OC	0541	Soya bean oil, Crude	0.2		CXL	02	36	35	2004	
HS	0191	Spices, Fruits and Berries	0.8		CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes	0.1		CXL		43		2011	

Part 1 - 4

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0702	Sunflower seed	0.2		CXL	02	36	35	2004	
OC	0702	Sunflower seed oil, crude	0.05		CXL	02	36	35	2004	
VO	0447	Sweet corn (corn-on-the-cob)	0.1		CXL	02	36	35	2004	
AB	0447	Sweet corn cannery waste	7.4		CXL	02	36	35	2004	
VR	0508	Sweet potato	0.02	(*)	CXL	02	36	35	2004	
VO	0448	Tomato	5		CXL	02	36	35	2004	
JF	0448	Tomato juice	3		CXL	02	36	35	2004	
VW	0448	Tomato paste	10		CXL	02	36	35	2004	
TN	0085	Tree nuts	1		CXL	02	36	35	2004	
VR	0506	Turnip, Garden	1		CXL	02	36	35	2004	
GC	0654	Wheat	2		CXL	02	36	35	2004	
CM	0654	Wheat bran, Unprocessed	2		CXL	02	36	35	2004	
CF	1211	Wheat flour	0.2		CXL	02	36	35	2004	
CF	1210	Wheat germ	1		CXL	02	36	35	2004	
AS	0654	Wheat straw and fodder, Dry	30		CXL	02	36	35	2004	

**15 Chlormequat**

Main Uses: Plant growth regulator

JMPR: 70, 72, 76R, 85R, 94', 97T, 99T, 00R

ADI: 0.05 mg/kg body weight (1997)

Acute RfD: 0.05 mg/kg body weight (1999)

Residue: Chlormequat cation (usually used as the chloride)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	2			CXL	94,97,00	34	28,30,32	2003	
SO	0691 Cotton seed	0.5			CXL	94,97	34	28,30,32	2003	
PE	0112 Eggs	0.1			CXL	00	34		2003	
MM	0814 Goat meat	0.2			CXL	00	34		2003	
MO	0098 Kidney of cattle, goats, pigs and sheep	0.5			CXL	00	34		2003	
MO	0099 Liver of cattle, goats, pigs & sheep	0.1			CXL	00	34		2003	
AS	0645 Maize fodder (dry)	7			CXL	00	34		2003	
MM	0097 Meat of cattle, pigs & sheep	0.2			CXL	00	34		2003	
ML	0107 Milk of cattle, goats & sheep	0.5			CXL	00	34		2003	
GC	0647 Oats	10			CXL	94,97,00		28,30		
PM	0110 Poultry meat	0.04 (*)			CXL	00	34		2003	
PO	0111 Poultry, Edible offal of	0.1			CXL	00	34		2003	
SO	0495 Rape seed	5			CXL	94,97	34	28,30,32	2003	
OC	0495 Rape seed oil, Crude	0.1 (*)			CXL	94,97	34	28,30,32	2003	
GC	0650 Rye	3			CXL	94,97,00	35	28,30,32,34	2003	
CM	0650 Rye bran, Unprocessed	10			CXL	94,97,00	35	28,30,32,34	2003	
CF	1250 Rye flour	3			CXL	00	35	34	2003	
CF	1251 Rye wholemeal	4			CXL	94,97,00	34	28,30,32	2003	
AS	0081 Straw and fodder (dry) of cereal grains	30			CXL	00	35	34	2003	
GC	0653 Triticale	3			CXL	00	35		2003	
GC	0654 Wheat	3			CXL	94,97,00	35	28,30,32,34	2003	
CM	0654 Wheat bran, Unprocessed	10			CXL	94,97,00	35	28,30,32,34	2003	
CF	1211 Wheat flour	2			CXL	94,97,00	35	28,30,32,34	2003	
CF	1212 Wheat wholemeal	5			CXL	94,97,00	35	28,30,32,34	2003	



Part 1 - 6

**17 Chlorpyrifos**

Main Uses: Insecticide

JMPR: 72, 74R, 75R, 77, 81R, 82, 83R, 95R, 99T', 00R', 04R, 06R

ADI: 0-0.01 mg/kg body weight (1982; confirmed 1999)

Acute RfD: 0.1 mg/kg body weight (2006)

Residue: For compliance with MRLs and estimation of dietary intake in plant and animal commodities: Chlorpyrifos

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	5			CXL	00	35	34	2003	
TN	0660 Almonds	0.05			CXL	00	35	34	2003	
FI	0327 Banana	2			CXL	00	35	34	2003	
VB	0400 Broccoli	2			CXL	00	35	34	2003	
VB	0041 Cabbages, Head	1			CXL	00	35	34	2003	
VR	0577 Carrot	0.1			CXL	00	35	34	2003	
MO	1280 Cattle kidney	0.01			CXL	00	35	34	2003	
MO	1281 Cattle liver	0.01			CXL	00	35	34	2003	
MM	0812 Cattle meat	1	(fat)		CXL	00	35	34	2003	
VB	0404 Cauliflower	0.05			CXL	00	35	34	2003	
VL	0467 Chinese cabbage (type pe-tsai)	1			CXL	00				
FC	0001 Citrus fruits	1		(excluding kumquats)	CXL	00	45	30	2013	
SB	0716 Coffee beans	0.05			CXL	00	35	34	2003	
VP	0526 Common bean (pods and/or immature seeds)	0.01			CXL	00	35	34	2003	
SO	0691 Cotton seed	0.3			CXL	04	37		2005	
OR	0691 Cotton seed oil, Edible	0.05	(*)		CXL	04	37		2005	
FB	0265 Cranberry	1			CXL	06	39		2007	
DF	0269 Dried grapes (=currants, raisins and sultanas)	0.1			CXL	00	35	34	2003	
PE	0112 Eggs	0.01	(*)		CXL	00	35	34	2003	
FB	0269 Grapes	0.5			CXL	00	35	34	2003	
GC	0645 Maize	0.05			CXL	00	35	34	2003	
AS	0645 Maize fodder (dry)	10			CXL	00	35	34	2003	
OR	0645 Maize oil, Edible	0.2			CXL	00	35	34	2003	
ML	0107 Milk of cattle, goats & sheep	0.02			CXL	00	35	34	2003	
VA	0385 Onion, Bulb	0.2			CXL	00	35	34	2003	
FS	0247 Peach	0.5			CXL	00	35	34	2003	
VP	0063 Peas (pods and succulent=immature seeds)	0.01			CXL	00	35	34	2003	
TN	0672 Pecan	0.05	(*)		CXL	00	35	34	2003	
HS	0444 Peppers Chili, dried	20			CXL	04	38	37	2006	
VO	0445 Peppers, Sweet (including pimento or pimienta)	2			CXL	00	35	34	2003	

## Part 1 - 7

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0818 Pig meat	0.02								
		(fat)			CXL	00	35	34	2003	
MO	0818 Pig, Edible offal of	0.01		(*)						
					CXL	00	35	34	2003	
FS	0014 Plums (including prunes)	0.5								
					CXL	00	35	34	2003	
FP	0009 Pome fruits	1								
					CXL	00	35	34	2003	
VR	0589 Potato	2								
					CXL	04	37		2005	
PM	0110 Poultry meat	0.01		(fat)						
					CXL	00	35	34	2003	
PO	0111 Poultry, Edible offal of	0.01		(*)						
					CXL	00	35	34	2003	
GC	0649 Rice	0.5								
					CXL	04	37		2005	
MM	0822 Sheep meat	1		(fat)						
					CXL	00	35	34	2003	
MO	0822 Sheep, Edible offal of	0.01								
					CXL	00	35	34	2003	
GC	0651 Sorghum	0.5								
					CXL	00	35	34	2003	
AS	0651 Sorghum straw and fodder, Dry	2								
					CXL	00	35	34	2003	
VD	0541 Soya bean (dry)	0.1								
					CXL	04	37		2005	
OR	0541 Soya bean oil, Refined	0.03								
					CXL	04	37		2005	
HS	0191 Spices, Fruits and Berries	1								
					CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	1								
					CXL		37		2005	
HS	0190 Spices, Seeds	5								
					CXL		37		2005	
FB	0275 Strawberry	0.3								
					CXL	00	35	34	2003	
VR	0596 Sugar beet	0.05								
					CXL	00	35	34	2003	
VO	0447 Sweet corn (corn-on-the-cob)	0.01								
					CXL	00	35	34	2003	
DT	1114 Tea, Green, Black (black, fermented and dried)	2								
					CXL	04	37		2005	
TN	0678 Walnuts	0.05		(*)						
					CXL	00	35	34	2003	
GC	0654 Wheat	0.5								
					CXL	00	35	34	2003	
CF	1211 Wheat flour	0.1								
					CXL	00	35	34	2003	
AS	0654 Wheat straw and fodder, Dry	5								
					CXL	00	35	34	2003	

## Part 1 - 8

**20 2,4-D**

Main Uses: Herbicide

JMPR: 70, 71, 74, 75, 80R, 85R, 86R, 96T, 98R, 01R

ADI: 0.01 mg/kg body weight for sum of 2,4-D and its salts and esters expressed as 2,4-D (1996)

Acute RfD: Unnecessary (2001)

Residue: 2,4-D

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0018	Berries and other small fruits	0.1			CXL	98	34	32	2003	
FC 0001	Citrus fruits	1	Po		CXL	01	36	34,35	2004	
MO 0105	Edible offal (mammalian)	5			CXL	98	34	32	2003	
PE 0112	Eggs	0.01		(*)	CXL	98	32		2001	
AS 0162	Hay or fodder (dry) of grasses	400			CXL	98	34	32	2003	
GC 0645	Maize	0.05			CXL	98	32		2001	
AS 0645	Maize fodder (dry)	40			CXL	98	32		2001	
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	98	34	32	2003	
ML 0106	Milks	0.01			CXL	98	34	32	2003	
FP 0009	Pome fruits	0.01		(*)	CXL	98	34	32	2003	
VR 0589	Potato	0.2			CXL	98				
PM 0110	Poultry meat	0.05		(*)	CXL	98	34	32	2003	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	98	34	32	2003	
AS 0649	Rice straw and fodder, Dry	10			CXL	98	32		2001	
CM 0649	Rice, Husked	0.1			CXL	98	32		2001	
GC 0650	Rye	2			CXL	98	32		2001	
GC 0651	Sorghum	0.01		(*)	CXL	98	34	32	2003	
VD 0541	Soya bean (dry)	0.01		(*)	CXL	98	34	32	2003	
AL 0541	Soya bean fodder	0.01		(*)	CXL	98	34	32	2003	
FS 0012	Stone fruits	0.05		(*)	CXL	98	32		2001	
GS 0659	Sugar cane	0.05			CXL	98	32		2001	
VO 0447	Sweet corn (corn-on-the-cob)	0.05		(*)	CXL	98	32		2001	
TN 0085	Tree nuts	0.2			CXL	98	32		2001	
GC 0654	Wheat	2			CXL	98	32		2001	
AS 0654	Wheat straw and fodder, Dry	100			CXL	98	32		2001	

**22 Diazinon**

Main Uses: Insecticide

JMPR: 65T, 66T, 67R, 68, 70, 75R, 79R, 93', 94R, 96R, 99R, 01T, 06

ADI: 0-0.005 mg/kg body weight (2006)

Acute RfD: 0.03 mg/kg body weight (2006)

Residue: For compliance with MRLs and estimation of dietary intake: Diazinon

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	5			CXL				1995	
TN 0660	Almonds	0.05			CXL				1995	
FB 0264	Blackberries	0.1			CXL		28		1997	
FB 4079	Boysenberry	0.1			CXL		28		1997	
VB 0400	Broccoli	0.5			CXL		28		1997	
VB 0041	Cabbages, Head	0.5			CXL	99	37	33-36	2005	
VC 4199	Cantaloupe	0.2			CXL		28		1997	
VR 0577	Carrot	0.5			CXL		28		1997	
FS 0013	Cherries	1			CXL		28		1997	
PE 0840	Chicken eggs	0.02	(*)		CXL	96	30		1999	
PM 0840	Chicken meat	0.02	(*)		CXL	96	30		1999	
PO 0840	Chicken, Edible offal of	0.02	(*)		CXL	96	30		1999	
VL 0467	Chinese cabbage (type pe-tsai)	0.05			CXL		28		1997	
VP 0526	Common bean (pods and/or immature seeds)	0.2			CXL		28		1997	
FB 0265	Cranberry	0.2			CXL	06	39		2007	
VC 0424	Cucumber	0.1			CXL		28		1997	
FB 0021	Currants, Black, Red, White	0.2			CXL		28		1997	
VP 0529	Garden pea, Shelled (succulent seeds)	0.2			CXL		28		1997	
MM 0814	Goat meat	2	(fat) V	The MRL accommodates external animal treatment	CXL	99	36	33-35	2004	
DH 1100	Hops, Dry	0.5			CXL	94	28		1997	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.05			CXL				1995	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03	V	The MRL accommodates external animal treatment	CXL	96,99	36	30,33-35	2004	
FI 0341	Kiwifruit	0.2			CXL		28		1997	
VB 0405	Kohlrabi	0.2			CXL		28		1997	
VL 0482	Lettuce, Head	0.5			CXL		28		1997	

## Part 1 - 10

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0483	Lettuce, Leaf			CXL		28		1997	
MO	0099	Liver of cattle, goats, pigs & sheep	V	The MRL accommodates external animal treatment	CXL	96,99	36	30,33-35	2004	
GC	0645	Maize			CXL				1995	
MM	0097	Meat of cattle, pigs & sheep	(fat) V	The MRL accommodates external animal treatment	CXL	96,99	36	30,33-35	2004	
ML	0106	Milks	F	The MRL accommodates external animal treatment	CXL	96,99			1995	
VA	0385	Onion, Bulb			CXL				1995	
FS	0247	Peach			CXL		28		1997	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimienta)			CXL				1995	
FI	0353	Pineapple			CXL		28		1997	
FS	0014	Plums (including prunes)			CXL		28		1997	
FP	0009	Pome fruits			CXL	99	36	33-35	2004	
VR	0589	Potato	(*)		CXL				1995	
DF	0014	Prunes			CXL		28		1997	
VR	0494	Radish			CXL		28		1997	
FB	0272	Raspberries, Red, Black			CXL		28		1997	
HS	0191	Spices, Fruits and Berries	(*)		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes			CXL		37		2005	
HS	0190	Spices, Seeds			CXL		37		2005	
VL	0502	Spinach			CXL		28		1997	
VA	0389	Spring Onion			CXL		28		1997	
VC	0431	Squash, summer			CXL		28		1997	
FB	0275	Strawberry			CXL		28		1997	
VR	0596	Sugar beet			CXL				1995	
VO	0447	Sweet corn (corn-on-the-cob)			CXL				1995	
VO	0448	Tomato			CXL		28		1997	
TN	0678	Walnuts	(*)		CXL				1995	

**25 Dichlorvos**

Main Uses: Insecticide

JMPR: 1965(TR), 1966(TR), 1967(TR), 1969(R), 1970(TR), 1974(R), 1977(T), 1993(TR), 2011(T), 2012 (R)

ADI: 0-0.004 mg/kg body weight (1966). In 2011 JMPR confirmed the ADI established at previous meetings.

Acute RfD: 0.1 mg/kg body weight (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Dichlorvos

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	0105 Edible offal (mammalian)	0.01 (*)			CXL	12	45		2013	
PE	0112 Eggs	0.01 (*)			CXL	12	45		2013	
MF	0100 Mammalian fats (except milk fats)	0.01 (*)			CXL	12	45		2013	
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			CXL	12	45		2013	
ML	0106 Milks	0.01 (*)			CXL	12	45		2013	
PF	0111 Poultry fats	0.01 (*)			CXL	12	45		2013	
PM	0110 Poultry meat	0.01 (*)			CXL	12	45		2013	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	12	45		2013	
GC	0649 Rice	7			CXL	12	45		2013	
CM	1206 Rice bran, Unprocessed	15	PoP		CXL	12	45		2013	
CM	0649 Rice, Husked	1.5	PoP		CXL	12	45		2013	
CM	1205 Rice, Polished	0.15	PoP		CXL	12	45		2013	
HS	0093 Spices	0.1 (*)			CXL		37		2005	
GC	0654 Wheat	7	Po		CXL	12	45		2013	
CM	0654 Wheat bran, Unprocessed	15	PoP		CXL	12	45		2013	
CF	1211 Wheat flour	0.7	PoP		CXL	12	45		2013	
CF	1212 Wheat wholemeal	3	PoP		CXL	12	45		2013	

**26 Dicofol**

Main Uses: Acaricide

JMPR: 1968(TR), 1970(R), 1974(R), 1992(TR), 1994(R), 2011(T), 2012(R)

ADI: 0-0.002 mg/kg body weight (1992). In 2011 JMPR confirmed the ADI established in 1992.

Acute RfD: 0.2 mg/kg body weight (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Dicofol (sum of o,p' and p,p' isomers)

The residue is fat-soluble

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0191	0.1			CXL		37		2005	
HS	0193	0.1			CXL		37		2005	
HS	0190	0.05 (*)			CXL		37		2005	
DT	1114	40		DDT may be present in tea as a result of its presence as a contaminant in the technical grade dicofol	CXL	12	45		2013	

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**27 Dimethoate**

Main Uses: Insecticide

JMPR: 65T,66T,67,70R,73R,77R,78R,83R,84,86,87,88R,90R,94R,96T',98R', 03',06R

ADI: 0.002 mg/kg body weight for sum of dimethoate and omethoate expressed as dimethoate (1996)

Acute RfD: 0.02 mg/kg body weight (2003)

Residue: For compliance with MRLs: Dimethoate

For estimation of dietary intake: Dimethoate and omethoate

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe	0.05		CXL	03	37		2005	
VS	0621	Asparagus	0.05	(*)	CXL	98	34	32	2003	
GC	0640	Barley	2		CXL	98	38	32,34-37	2006	
VB	0402	Brussels sprouts	0.2		CXL	03	37	36	2005	
VB	0403	Cabbage, Savoy	0.05	(*)	CXL	98	34	32	2003	
MO	0812	Cattle, Edible offal of	0.05	(*)	CXL	98	34	32	2003	
VB	0404	Cauliflower	0.2		CXL	03	37	36	2005	
VS	0624	Celery	0.5		CXL	03	37		2005	
FS	0013	Cherries	2		CXL	98				
FC	0001	Citrus fruits	5		CXL	03	45	36-38	2013	
				(excluding kumquats)						
PE	0112	Eggs	0.05	(*)	CXL	98	34	32	2003	
VL	0482	Lettuce, Head	0.3		CXL	08	41		2009	
MF	0100	Mammalian fats (except milk fats)	0.05	(*)	CXL	98	34	32	2003	
FI	0345	Mango	1	Po	CXL	03	37	36	2005	
MM	0096	Meat of cattle, goats, horses, Pigs & sheep	0.05	(*)	CXL	98	34	32	2003	
ML	0107	Milk of cattle, goats & sheep	0.05	(*)	CXL	98	34	32	2003	
FT	0305	Olives	0.5		CXL	03	37	36	2005	
FP	0230	Pear	1		CXL				1991	
VP	0063	Peas (pods and succulent=immature seeds)	1		CXL	98	37	32,34-36	2005	
HS	0444	Peppers Chili, dried	3		CXL	08	41		2009	
VO	0445	Peppers, Sweet (including pimento or pimienta)	0.5		CXL	08	41		2009	
VR	0589	Potato	0.05		CXL					
PF	0111	Poultry fats	0.05	(*)	CXL	98	34	32	2003	
PM	0110	Poultry meat	0.05	(*)	CXL	98	34	32	2003	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL	98	34	32	2003	
MO	0822	Sheep, Edible offal of	0.05	(*)	CXL	98	34	32	2003	
HS	0191	Spices, Fruits and Berries	0.5		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	0.1	(*)	CXL		37		2005	
HS	0190	Spices, Seeds	5		CXL		37		2005	
VR	0596	Sugar beet	0.05		CXL	98				
VL	0506	Turnip greens	1		CXL	98	37	32,35,36	2005	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0506	Turnip, Garden	0.1			CXL	98	37	32,34-36	2005	
GC 0654	Wheat	0.05			CXL	03	37	36	2005	
AS 0654	Wheat straw and fodder, Dry	1			CXL	03	37	36	2005	

**30 Diphenylamine**

Main Uses: Storage scald preventer

JMPR: 69, 76, 79R, 82T, 84, 98T', 01R', 03R

ADI: 0.08 mg/kg body weight (1998)

Acute RfD: Unnecessary (1998)

Residue: Diphenylamine

Note: Previous ADI 0.02 mg/kg bw (1984)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	10	Po		CXL 01		35	34	2003	
JF 0226	Apple juice	0.5	PoP		CXL 01		35	34	2003	
MO 1280	Cattle kidney	0.01	(*)		CXL 01		35	34	2003	
MO 1281	Cattle liver	0.05			CXL 01		35	34	2003	
MM 0812	Cattle meat	0.01	(*) (fat)		CXL 01		35	34	2003	
FM 0183	Milk fats	0.01			CXL 08		41		2009	
ML 0106	Milks	0.01	(*)		CXL 08		41		2009	
FP 0230	Pear	5	Po		CXL 01		36	34,35	2004	

**31 Diquat**

Main Uses: Herbicide

JMPR: 1970(TR), 1972(TR), 1976(R), 1977(TR), 1978(R), 1994(R), 2013(TR)

ADI: 0–0.006 mg/kg body weight (2013)

Acute RfD: 0.8 mg/kg body weight (2013)

Residue: For compliance with MRL and for estimation of dietary intake for animal and plant commodities: Diquat

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	100			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
FI	0327 Banana	0.02 (*)			3	2013	46			
GC	0640 Barley	5			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
VD	0071 Beans (dry)	0.2			CXL	94	30	28,29	1999	
VD	0071 Beans (dry)	0.05			3	2013	46			
FT	2352 Cajou (pseudofruit)	0.02 (*)			3	2013	46			
FT	0292 Cashew apple	0.02 (*)			3	2013	46			
TN	0295 Cashew nut	0.02 (*)			3	2013	46			
FC	0001 Citrus fruits	0.02 (*)			3	2013	46			
SB	0716 Coffee beans	0.02 (*)			3	2013	46			
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	94	30	28,29	1999	
MO	0105 Edible offal (mammalian)	0.01 (*)			3	2013	46			
PE	0112 Eggs	0.05 (*)			CXL	94	30	28,29	1999	
PE	0112 Eggs	0.01 (*)			3	2013	46			
VO	0050 Fruiting vegetables other than cucurbits	0.01 (*)		(except sweetcorn, fungi and mushrooms)	3	2013	46			
VD	0533 Lentil (dry)	0.2			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
GC	0645 Maize	0.05 (*)			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)			CXL	94	30	28,29	1999	
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			3	2013	46			
ML	0106 Milks	0.01 (*)			CXL	94	30	28,29	1999	
ML	0106 Milks	0.001 (*)			3	2013	46			
GC	0647 Oats	2			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
AL	0072 Pea hay or pea fodder (dry)	50			3	2013	46			
VD	0072 Peas (dry)	0.2			CXL	94	30	28,29	1999	
VD	0072 Peas (dry)	0.3			3	2013	46			
FP	0009 Pome fruits	0.02 (*)			3	2013	46			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589	Potato			CXL	94	30	28,29	1999	
VR	0589	Potato			3	2013	46			
PM	0110	Poultry meat			CXL	94	30	28,29	1999	
PM	0110	Poultry meat			3	2013	46			
PO	0111	Poultry, Edible offal of			CXL	94	30	28,29	1999	
PO	0111	Poultry, Edible offal of			3	2013	46			
SO	0495	Rape seed			CXL					
SO	0495	Rape seed			3	2013	46			
GC	0649	Rice			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
CM	0649	Rice, Husked			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
CM	1205	Rice, Polished			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
GC	0651	Sorghum			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
VD	0541	Soya bean (dry)			CXL	94	30	28,29	1999	
VD	4521	Soybean (dry)			3	2013	46			
FS	0012	Stone fruits			3	2013	46			
FB	0275	Strawberry			3	2013	46			
SO	0702	Sunflower seed			CXL	94	30	28,29	1999	
SO	0702	Sunflower seed			3	2013	46			
OC	0172	Vegetable oils, Crude			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
AO	0002	Vegetables (except as otherwise listed)			CXL		46	24	1993	Withdrawal recommended by the 2013 JMPR
GC	0654	Wheat			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
CM	0654	Wheat bran, Unprocessed			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
CF	1211	Wheat flour			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR
CF	1212	Wheat wholemeal			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR

**32 Endosulfan**

Main Uses: Insecticide

JMPR: 65T, 67, 68, 71R, 74R, 75R, 82T, 85, 89, 93R, 98T' (03R'), 06R'

ADI: 0.006 mg/kg body weight (1989, confirmed 1998)

Acute RfD: 0.08 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of the dietary intake for plant commodities: Sum of alpha endosulfan, beta endosulfan and endosulfan sulfate  
The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0326	Avocado	0.5		CXL	06	39		2007	
SB	0715	Cacao beans	0.2		CXL	06	39		2007	
SB	0716	Coffee beans	0.2		CXL	06	39		2007	
SO	0691	Cotton seed	0.3		CXL	06	39		2007	
VC	0424	Cucumber	1		CXL	06	39		2007	
FI	0322	Custard apple	0.5		CXL	06	39		2007	
VO	0440	Egg plant	0.1		CXL	06	39		2007	
PE	0112	Eggs	0.03	(*)	CXL	06	39		2007	
TN	0666	Hazelnuts	0.02	(*)	CXL	06	39		2007	
MO	0098	Kidney of cattle, goats, pigs and sheep	0.03	(*)	CXL	06	39		2007	
FI	0343	Litchi	2		CXL	06	39		2007	
MO	0099	Liver of cattle, goats, pigs & sheep	0.1		CXL	06	39		2007	
TN	0669	Macadamia nuts	0.02	(*)	CXL	06	39		2007	
FI	0345	Mango	0.5		CXL	06	39		2007	
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat)	CXL	06	39		2007	
VC	0046	Melons, except watermelon	2		CXL	06	39		2007	
FM	0183	Milk fats	0.1		CXL	06	39		2007	
ML	0106	Milks	0.01		CXL	06	39		2007	
FI	0350	Papaya	0.5		CXL	06	39		2007	
FI	0352	Persimmon, American	2		CXL	06	39		2007	
VR	0589	Potato	0.05	(*)	CXL	06	39		2007	
PM	0110	Poultry meat	0.03	(*)	CXL	06	39		2007	
PO	0111	Poultry, Edible offal of	0.03	(*)	CXL	06	39		2007	
VD	0541	Soya bean (dry)	1		CXL	06	39		2007	
OC	0541	Soya bean oil, Crude	2		CXL	06	39		2007	
HS	0191	Spices, Fruits and Berries	5		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	0.5		CXL		37		2005	
HS	0190	Spices, Seeds	1		CXL		37		2005	
VC	0431	Squash, summer	0.5		CXL	06	39		2007	
VR	0508	Sweet potato	0.05	(*)	CXL	06	39		2007	
DT	1114	Tea, Green, Black (black, fermented and dried)	10		CXL		43		2011	
VO	0448	Tomato	0.5		CXL		35	32,34	2003	

**34 Ethion**

Main Uses: Insecticide

JMPR: 68, 69R, 70R, 72, 75R, 82T, 83R, 85T, 86T, 89T, 90T, 94R'

ADI: 0.002 mg/kg body weight (1990)

Acute RfD: N/A

Residue: Ethion (fat-soluble)

Note: The compound is no longer supported (36-85)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0191	Spices, Fruits and Berries	5			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.3			CXL		37		2005	
HS 0190	Spices, Seeds	3			CXL		37		2005	

**35 Ethoxyquin**

Main Uses: Scald control agent

JMPR: 69, 98T', 99R', 05 T'

ADI: 0-0.005 mg/kg body weight The ADI and the ARfD are applicable to ethoxyquin and its metabolites/degradation products methylethoxyquin (MEQ), dihydroethoxyquin (DHEQ), dehydromethylethoxyquin (DHMEQ) (2005)

Acute RfD: 0.5 mg/kg body weight (2005)

Residue: Ethoxyquin

Note: Previous ADI 0.06 mg/kg bw (1969). The ADI and the ARfD are applicable to ethoxyquin and its metabolites/degradation products methylethoxyquin (MEQ), dihydroethoxyquin (DHEQ), dehydromethylethoxyquin (DHMEQ) (2005).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0230	Pear	3	Po		CXL	08	41		2009	
FP 0230	Pear	3	Po		CXL		29		1997	

**37 Fenitrothion**

Main Uses: Insecticide

JMPR: 69, 74, 76R, 77, 79R, 82T, 83R, 84, 86, 88T, 89R, 00T' , 03R',04R,07

ADI: 0-0.006 mg/kg body weight (1988; confirmed 2000)

Acute RfD: 0.04 mg/kg body weight (2000)

Residue: For compliance with MRLs and estimation of dietary intake: Fenitrothion

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.5			CXL	04	40	37-39	2008	
GC	0080 Cereal grains	6	Po		CXL	07	40	37-39	2008	
MO	0105 Edible offal (mammalian)	0.05	(*)		CXL	04,07	40	37-39	2008	
PE	0112 Eggs	0.05	(*)		CXL	04,07	40	37-39	2008	
MM	0095 Meat (from mammals other than marine mammals)	0.05	(*)		CXL	04,07	40	37-39	2008	
ML	0106 Milks	0.01			CXL	04,07	40	37-39	2008	
PM	0110 Poultry meat	0.05	(*)		CXL	04,07	40	37-39	2008	
CM	1206 Rice bran, Unprocessed	40	PoP		CXL	07	40	37-39	2008	
VD	0541 Soya bean (dry)	0.01			CXL	07	40		2008	
HS	0191 Spices, Fruits and Berries	1			CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	0.1	(*)		CXL		37		2005	
HS	0190 Spices, Seeds	7			CXL		37		2005	
CM	0654 Wheat bran, Unprocessed	25	PoP		CXL	07	40	36-39	2008	



**39 Fenthion**

Main Uses: Insecticide

JMPR: 71, 75, 77R, 78, 79T, 80T, 83R, 89R, 95', 97T, 00R

ADI: 0.007 mg/kg body weight (1995)

Acute RfD: 0.01 mg/kg body weight (1997)

Residue: Sum of fenthion, its oxygen analogue and their sulphoxides and sulphones, expressed as fenthion (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013 Cherries	2			CXL	95	29		1997	The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR scheduled in 2017. (42-29,30) The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR scheduled in 2017. (42-29,30) The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR scheduled in 2017. (42-29,30). The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR scheduled in 2017 (42-29,30).
FC	0001 Citrus fruits	2			CXL					
OC	0305 Olive oil, Virgin	1			CXL					
FT	0305 Olives	1			CXL	95	29		1997	
CM	0649 Rice, Husked	0.05			CXL	95	29		1997	

**41 Folpet**

Main Uses: Fungicide

JMPR: 69, 73T, 74R, 82T, 84, 86T, 87R, 90, 93, 94R, 95T, 97R, 98R', 99R,02T, 04T,07T

ADI: 0-0.1 mg/kg body weight (1995)

Acute RfD: 0.2 mg/kg body weight (for women of child-bearing age) (2004)

Residue: Folpet

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple			CXL	97,99	38	33-37	2006	
VC	0424	Cucumber			CXL	99	35	28,33,34	2003	
DF	0269	Dried grapes (=currants, raisins and sultanas)	40		CXL	97,99	38	28,33-37	2006	
FB	0269	Grapes	10		CXL	97,99	38	33-37	2006	
VL	0482	Lettuce, Head	50		CXL	99	38	33-37	2006	
VC	0046	Melons, except watermelon	3		CXL	97,99	35	33,34	2003	
VA	0385	Onion, Bulb	1		CXL	99	35	33,34	2003	
VR	0589	Potato	0.1		CXL	99	35	33,34	2003	
FB	0275	Strawberry	5		CXL	99	38	28,33-37	2006	
VO	0448	Tomato	3		CXL	97,99	38	33-37	2006	

**46 Hydrogen Phosphide**

Main Uses: Fumigant

JMPR: 65, 66, 67R, 69R, 71R

ADI: mg/kg body weight Not necessary

Acute RfD: N/A

Residue: All phosphides, expressed as hydrogen phosphide. Good usage practices should ensure that residues are not present at time of consumption.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SB	0715 Cacao beans	0.01	Po		CXL					
GC	0080 Cereal grains	0.1	Po		CXL					
DF	0167 Dried fruits	0.01	Po		CXL					
DV	0168 Dried vegetables	0.01	Po		CXL					
SO	0697 Peanut	0.01	Po		CXL					
HS	0093 Spices	0.01	Po		CXL					
TN	0085 Tree nuts	0.01	Po		CXL					

**47 Bromide Ion**

Main Uses: Generic

JMPR: 68R, 69, 71R, 79R, 81R, 83R, 88, 89R, 92R, 04R

ADI: 1 mg/kg body weight (confirmed 1988)

Acute RfD: N/A

Residue: Bromide ion from all sources but not including covalently bound bromine

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	75			CXL					
VP 0522	Broad bean (green pods and immature seeds)	500			CXL		28		1997	
VB 0400	Broccoli	30			CXL		28		1997	
VB 0041	Cabbages, Head	100			CXL				1991	
VS 0624	Celery	300			CXL				1991	
GC 0080	Cereal grains	50			CXL				1991	
FC 0001	Citrus fruits	30			CXL					
VC 0424	Cucumber	100			CXL		28		1997	
DF 0295	Dates, Dried or dried and candied	100			CXL					
DF 0167	Dried fruits	30			CXL					Except as otherwise listed
DF 0269	Dried grapes (=currants, raisins and sultanas)	100			CXL					
DH 0170	Dried herbs	400			CXL					
DF 0297	Figs, Dried or dried and candied	250			CXL					
AO 0002	Fruits (except as otherwise listed)	20			CXL					
VP 0528	Garden pea (young pods)(=succulent, immature seeds)	500			CXL		28		1997	
VL 0482	Lettuce, Head	100			CXL					
VO 0442	Okra	200			CXL		28		1997	
DF 0247	Peach, Dried	50			CXL					
HS 0444	Peppers Chili, dried	200			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimiento)	20			CXL		28		1997	
FS 4072	Prunes (see plums)	20			CXL					
VR 0494	Radish	200			CXL		28		1997	
HS 0093	Spices	400			CXL					
VC 0431	Squash, summer	200			CXL					
FB 0275	Strawberry	30			CXL					
VO 0448	Tomato	75			CXL					
VL 0506	Turnip greens	1000			CXL		28		1997	
VR 0506	Turnip, Garden	200			CXL		28		1997	
CF 1212	Wheat wholemeal	50			CXL					

**48 Lindane**

Main Uses: Insecticide

JMPR: 65T, 66, 67R, 68R, 69R, 70, 73, 74R, 75R, 77, 78R, 79R, 89, 97T, 02T', 03R'

ADI: 0.005 mg/kg body weight (2002)

Acute RfD: 0.06 mg/kg body weight (2002)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Lindane

The residue is fat-soluble

Note: Previous TADI 0.001 mg/kg bw (1997-2001). The Committee discussed the possible replacement of the existing Lindane CXLs with EMRLs and the Committee agreed to consider the status of these Codex CXLs for Lindane at the next Session of the Committee (42-133).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley	0.01	(*)	CXL	03	36		2004	
MO	0105	Edible offal (mammalian)	0.01	(*)	CXL	03	36		2004	
PE	0112	Eggs	0.01	(*)	CXL	03	36		2004	
GC	0645	Maize	0.01	(*)	CXL	03	36		2004	
MM	0095	Meat (from mammals other than marine mammals)	0.1	(fat)	CXL	03	36		2004	
ML	0106	Milks	0.01	(*)	CXL	03	36		2004	
GC	0647	Oats	0.01	(*)	CXL	03	36		2004	
PM	0110	Poultry meat	0.05	(fat)	CXL	03	36		2004	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	03	36		2004	
GC	0650	Rye	0.01	(*)	CXL	03	36		2004	
GC	0651	Sorghum	0.01	(*)	CXL	03	36		2004	
AS	0081	Straw and fodder (dry) of cereal grains	0.01	(*)	CXL	03	36		2004	
VO	1275	Sweet corn (kernels)	0.01	(*)	CXL	03	36		2004	
GC	0654	Wheat	0.01	(*)	CXL	03	36		2004	

**49 Malathion**

Main Uses: Insecticide

JMPR: 1965(T), 1966(TR), 1968(R), 1969(R), 1970(R), 1973(R), 1975(R), 1977(R), 1984(R), 1997(T), 1999(R), 2000(R), 2003(T), 2004(R), 2008(R), 2013(R)

ADI: 0-0.3 mg/kg body weight (1997)

Acute RfD: 2 mg/kg body weight (2003)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Malathion

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.5			CXL	04	38	37	2006	
VS	0621 Asparagus	1			CXL	99	36	33-35	2004	
VD	0071 Beans (dry)	2			CXL	99	34	33	2003	
VP	0061 Beans, except broad bean and soya bean	1			CXL	99	36	33-35	2004	
FB	0020 Blueberries	10			CXL	99	36	33-35	2004	
FS	0013 Cherries	3			3	2013	46			
FC	0001 Citrus fruits	7		(excluding kumquats)	CXL	04	45	37,38	2013	The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR to be considered in 2014 for scheduling (42-31,32).
SO	0691 Cotton seed	20			CXL	99	38	33-37	2006	
OC	0691 Cotton seed oil, Crude	13			CXL	99	38	33-37	2006	
OR	0691 Cotton seed oil, Edible	13			CXL	99	38	33-37	2006	
VC	0424 Cucumber	0.2			CXL	99	36	33-35	2004	
FB	0269 Grapes	5			CXL	04	38	37	2006	The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR to be considered in 2014 for scheduling. (42-31,32).
GC	0645 Maize	0.05			CXL	99	38	33-37	2006	
VL	0485 Mustard greens	2			CXL	99	36	33-35	2004	
VA	0385 Onion, Bulb	1			CXL	99	36	33-35	2004	
VO	0051 Peppers	0.1			CXL	99	34	33	2003	
HS	0444 Peppers Chili, dried	1			CXL	04	38	37	2006	
GC	0651 Sorghum	3			CXL	99	38	33-37	2006	
HS	0191 Spices, Fruits and Berries	1			CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	0.5			CXL		37		2005	
HS	0190 Spices, Seeds	2			CXL		37		2005	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0502 Spinach	3			CXL	99	34	33	2003	
VA	0389 Spring Onion	5			CXL	99	36	33,35	2004	
FB	0275 Strawberry	1			CXL	99				
VO	0447 Sweet corn (corn-on-the-cob)	0.02			CXL	99	36	33-35	2004	
VO	0448 Tomato	0.5			CXL	99	34	33	2003	
JF	0448 Tomato juice	0.01			CXL	99	36	33-35	2004	
VL	0506 Turnip greens	5			CXL	99	36	33-35	2004	
VR	0506 Turnip, Garden	0.2			CXL	99	34	33	2003	
GC	0654 Wheat	10			CXL	08	41		2009	
CM	0654 Wheat bran, Unprocessed	25			CXL	08	41		2009	
CF	1211 Wheat flour	0.2			CXL	00	38	33,35-37	2006	

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**51 Methidathion**

Main Uses: Insecticide

JMPR: 72, 75, 79R, 92', 94R, 97T

ADI: 0.001 mg/kg body weight (1992; confirmed 1997)

Acute RfD: 0.01 mg/kg body weight (1997)

Residue: Methidathion

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660 Almonds	0.05 (*)			CXL		28		1997	
FP	0226 Apple	0.5			CXL					
VS	0620 Artichoke, Globe	0.05 (*)			CXL		28		1997	
VD	0071 Beans (dry)	0.1			CXL		28		1997	
VB	0041 Cabbages, Head	0.1			CXL		28		1997	
MF	0812 Cattle fat	0.02 (*)			CXL					
FS	0013 Cherries	0.2			CXL					
SO	0691 Cotton seed	1			CXL		28		1997	
OC	0691 Cotton seed oil, Crude	2			CXL		28		1997	
VC	0424 Cucumber	0.05			CXL		28		1997	
MO	0097 Edible offal of cattle, pigs & sheep	0.02 (*)			CXL					
PE	0112 Eggs	0.02 (*)			CXL					
MF	0814 Goat fat	0.02 (*)			CXL				1995	
MM	0814 Goat meat	0.02 (*)			CXL				1995	
MO	0814 Goat, Edible offal of	0.02 (*)			CXL				1995	
FC	0203 Grapefruit	2			CXL				1995	
FB	0269 Grapes	1			CXL		30	28,29	1999	
DH	1100 Hops, Dry	5			CXL				1995	
FC	0002 Lemons and limes	2			CXL					
TN	0669 Macadamia nuts	0.01 (*)			CXL		28		1997	
GC	0645 Maize	0.1			CXL					
FC	0003 Mandarins	5			CXL					
MM	0097 Meat of cattle, pigs & sheep	0.02 (*)			CXL					
ML	0106 Milks	0.001			CXL				1995	
FS	0245 Nectarine	0.2			CXL	94	28		1997	
FT	0305 Olives	1			CXL				1995	
VA	0385 Onion, Bulb	0.1			CXL				1995	
FC	0004 Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	2			CXL					
FP	0230 Pear	1			CXL		30	28,29	1999	
VD	0072 Peas (dry)	0.1			CXL		28		1997	
VP	0063 Peas (pods and succulent=immature seeds)	0.1			CXL					
TN	0672 Pecan	0.05 (*)			CXL		28		1997	
MF	0818 Pig fat	0.02 (*)			CXL					



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0353	Pineapple								
FS	0014	Plums (including prunes)								
VR	0589	Potato		(*)						
PF	0111	Poultry fats		(*)						
PM	0110	Poultry meat		(*)						
PO	0111	Poultry, Edible offal of		(*)						
VR	0494	Radish		(*)			28			1997
SO	0495	Rape seed								
SO	0699	Safflower seed					28			1997
MF	0822	Sheep fat		(*)						1995
GC	0651	Sorghum								
HS	0191	Spices, Fruits and Berries					43			2011
HS	0193	Spices, Roots and Rhizomes					43			2011
VR	0596	Sugar beet		(*)			28			1997
SO	0702	Sunflower seed					28			1997
DT	1114	Tea, Green, Black (black, fermented and dried)					28			1997
VO	0448	Tomato								
TN	0678	Walnuts		(*)			28			1997

**55 Omethoate**

Main Uses: Insecticide

JMPR: 71, 75, 78, 79T, 81, 84R, 85T, 86R, 87R, 88R, 90R, 96T, 98R'

ADI: mg/kg body weight (See (27) dimethoate for ADI)

Acute RfD: N/A

Residue: Omethoate. The MRLs apply to residues that may have resulted from the use of formothion, dimethoate or omethoate.

Note: The compound is no longer supported. All CXLs deleted by CAC in 2003.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0191	Spices, Fruits and Berries	0.01		Residues of omethoate resulting from the use of dimethoate	CXL	10	44	43	2012	Omethoate was withdrawn from the Codex list by the 36th Session of CCPR (ALINORM 04/27/24, para. 95 and Appendix V) and consequently recommended for revocation by the Commission. The 27th Session of the Codex Alimentarius Commission revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).
HS 0193	Spices, Roots and Rhizomes	0.05		Residues of omethoate resulting from the use of dimethoate	CXL	10	44	43	2012	Omethoate was withdrawn from the Codex list by the 36th Session of CCPR (ALINORM 04/27/24, para. 95 and Appendix V) and consequently recommended for revocation by the Commission. The 27th Session of the Codex Alimentarius Commission revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).

**56 2-Phenylphenol**

Main Uses: Fungicide

JMPR: 69, 75R, 83T, 85, 89T, 90, 99', 02R

ADI: 0.4 mg/kg body weight (1999)

Acute RfD: Unnecessary (1999)

Residue: Plant commodities: Sum of 2-phenylphenol and sodium 2-phenylphenate, free and conjugated, expressed as 2-phenylphenol

Note: Previous ADI, 0.02 mg/kg bw (1990)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC	0001 Citrus fruits	10	Po		CXL	99	33		2001	
As	0001 Citrus pulp, Dry	60	PoP		CXL	99	34	33	2003	
JF	0004 Orange juice	0.5	PoP		CXL	99	34	33	2003	
FP	0230 Pear	20	Po		CXL	02	35		2003	

**57 Paraquat**

Main Uses: Herbicide

JMPR: 70, 72, 76, 78R, 81R, 82T, 85T, 86T, 03T, 04R

ADI: 0-0.005 mg/kg body weight mg paraquat ion/kg body weight (2003)

Acute RfD: 0.006 mg/kg body weight (2009)

Residue: For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: Paraquat cation

Note: Previous ADI: 0.004 mg/kg bw (1986). No short-term dietary intake was calculated due to insufficient data (JMPR 2003).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls			CXL	04	38	37	2006	
FI	0030	Assorted tropical and sub-tropical fruits - inedible peel			CXL	04	38	37	2006	
FB	0018	Berries and other small fruits			CXL	04	38	37	2006	
FC	0001	Citrus fruits			CXL	04	38	37	2006	
SO	0691	Cotton seed			CXL	04	38	37	2006	
MO	0105	Edible offal (mammalian)			CXL	04	38	37	2006	
PE	0112	Eggs			CXL	04	38	37	2006	
VO	0050	Fruiting vegetables other than cucurbits			CXL	04	38	37	2006	
VC	0045	Fruiting vegetables, Cucurbits			CXL	04	38	37	2006	
DH	1100	Hops, Dry			CXL	04	38	37	2006	
VL	0053	Leafy vegetables			CXL	04	38	37	2006	
GC	0645	Maize			CXL	04	38	37	2006	
CF	1255	Maize flour			CXL	04	38	37	2006	
AS	0645	Maize fodder (dry)	dry wt		CXL	04	38	37	2006	
MM	0095	Meat (from mammals other than marine mammals)			CXL	04	38	37	2006	
ML	0106	Milks			CXL	04	38	37	2006	
FT	0305	Olives			CXL	04	38	37	2006	
FP	0009	Pome fruits			CXL	04	38	37	2006	
PM	0110	Poultry meat			CXL	04	38	37	2006	
PO	0111	Poultry, Edible offal of			CXL	04	38	37	2006	
VD	0070	Pulses			CXL	04	38	37	2006	
GC	0649	Rice			CXL	09	42		2010	
AS	0649	Rice straw and fodder, Dry			CXL	09	42		2010	
VR	0075	Root and tuber vegetables			CXL	04	38	37	2006	
GC	0651	Sorghum			CXL	04	38	37	2006	
AS	0651	Sorghum straw and fodder, Dry	dry wt		CXL	04	38	37	2006	
AL	0541	Soya bean fodder	dry wt		CXL	04	38	37	2006	
FS	0012	Stone fruits			CXL	04	38	37	2006	
SO	0702	Sunflower seed			CXL	04	38	37	2006	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL	04	38	37	2006	
TN	0085	Tree nuts			CXL	04	38	37	2006	

**58 Parathion**

Main Uses: Insecticide

JMPR: 65T, 67, 69R, 70R, 84R, 91R, 95T'R, 97R, 00R'

ADI: 0.004 mg/kg body weight (1995)

Acute RfD: 0.01 mg/kg body weight (1995)

Residue: Parathion

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0191	Spices, Fruits and Berries	0.2			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.2			CXL		37		2005	
HS 0190	Spices, Seeds	0.1 (*)			CXL		37		2005	

**59 Parathion-Methyl**

Main Uses: Insecticide

JMPR: 65T, 68, 72R, 75, 78, 79T, 80T, 82T, 84, 91R, 92R, 94R', 95T', 00'R, 03R

ADI: 0.003 mg/kg body weight (1995)

Acute RfD: 0.03 mg/kg body weight (1995)

Residue: For compliance with MRLs: parathion-methyl

For estimation of dietary intake: sum of parathion-methyl and para-oxon methyl expressed as parathion-methyl

Note: Acute RfD confirmed 2003

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	0.2			CXL 00		36	34,35	2004	
VD 0071	Beans (dry)	0.05 (*)			CXL 94,00		29	28	1997	
VB 0041	Cabbages, Head	0.05			CXL 00		36	34,35	2004	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1			CXL 00		36	34,35	2004	
FB 0269	Grapes	0.5			CXL 00		36	34,35	2004	
FS 0245	Nectarine	0.3			CXL 03		36		2004	
FS 0247	Peach	0.3			CXL 00		36	34,35	2004	
VD 0072	Peas (dry)	0.3			CXL 00		36	34,35	2004	
VR 0589	Potato	0.05 (*)			CXL 94,00		29	28	1997	
HS 0191	Spices, Fruits and Berries	5			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	3			CXL		37		2005	
HS 0190	Spices, Seeds	5			CXL		37		2005	
VR 0596	Sugar beet	0.05 (*)			CXL 94,00		29	28	1997	

**60 Phosalone**

Main Uses: Insecticide

JMPR: 72, 75R, 76R, 93T, 94R', 97T, 99R, 01T

ADI: 0.02 mg/kg body weight (1997)

Acute RfD: 0.3 mg/kg body weight (2001)

Residue: Phosalone (fat-soluble)

Note: Previous ADI 0.001 mg/kg (1993)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660	Almonds			CXL	99	33		2001	
FP	0226	Apple			CXL		28		1997	
TN	0666	Hazelnuts		(*)	CXL	99	33		2001	
FP	0009	Pome fruits			CXL	99	35	33,34	2003	
HS	0191	Spices, Fruits and Berries			CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes			CXL		37		2005	
HS	0190	Spices, Seeds			CXL		37		2005	
FS	0012	Stone fruits			CXL	99	35	33,34	2003	
TN	0678	Walnuts		(*)	CXL	99	33		2001	

**62 Piperonyl Butoxide**

Main Uses: Synergist

JMPR: 65, 66, 67R, 69R, 72, 92, 95T', 01R', 02R

ADI: 0.2 mg/kg body weight (1995)

Acute RfD: Unnecessary (2001)

Residue: Piperonyl butoxide (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	1280	Cattle kidney	0.3		The MRL accommodates external animal treatment	CXL	01,02	36	34	2004
MO	1281	Cattle liver	1			CXL	01	36	34	2004
MM	0812	Cattle meat	5	(fat)	The MRL accommodates external animal treatment	CXL	01,02	36	34	2004
ML	0812	Cattle milk	0.2		The MRL accommodates external animal treatment	CXL	01,02	36	34	2004
GC	0080	Cereal grains	30	Po		CXL	01,02	36	34	2004
FC	0001	Citrus fruits	5			CXL	01,02	36	34	2004
JF	0001	Citrus juice	0.05			CXL	01	36	34	2004
DF	0167	Dried fruits	0.2	Po		CXL	01,02	36	34	2004
PE	0112	Eggs	1		The MRL accommodates external animal treatment	CXL	01,02	36	34	2004
VC	0045	Fruiting vegetables, Cucurbits	1			CXL	01,02	36	34	2004
MO	0098	Kidney of cattle, goats, pigs and sheep	0.2		(except cattle kidney)	CXL	02	36		2004
VL	0483	Lettuce, Leaf	50			CXL	01,02	36	34	2004
MO	0099	Liver of cattle, goats, pigs & sheep	1			CXL	02	36		2004
OC	0645	Maize oil, Crude	80	PoP		CXL	01,02	36	34	2004
MM	0095	Meat (from mammals other than marine mammals)	2	(fat)	(except cattle meat)	CXL	02	36		2004
ML	0106	Milks	0.05	F		CXL		36	34	2004
VL	0485	Mustard greens	50			CXL	01,02	36	34	2004
AL	0072	Pea hay or pea fodder (dry)	200		dry wt	CXL	01,02	36	34	2004
SO	0703	Peanut, whole	1			CXL	01,02	36	34	2004
VO	0051	Peppers	2			CXL	01,02	36	34	2004
HS	0444	Peppers Chili, dried	20			CXL	04	38	37	2006



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM	0110	Poultry meat	7	(fat)						
				The MRL accommodates external animal treatment	CXL	02	36	34	2004	
PO	0111	Poultry, Edible offal of	10							
VD	0070	Pulses	0.2	Po						
VL	0494	Radish leaves (including radish tops)	50							
VR	0075	Root and tuber vegetables	0.5	(except carrot)						
VL	0502	Spinach	50							
VO	0448	Tomato	2							
JF	0448	Tomato juice	0.3							
CM	0654	Wheat bran, Unprocessed	80	PoP						
CF	1211	Wheat flour	10	PoP						
CF	1210	Wheat germ	90	PoP						
CF	1212	Wheat wholemeal	30	PoP						

**63 Pyrethrins**

Main Uses: Insecticide

JMPR: 65T, 66, 67R, 68R, 69R, 70T, 72, 74R, 99T', 00R', 03, 05R'

ADI: 0-0.04 mg/kg body weight (1972; confirmed 1999, 2005)

Acute RfD: 0.2 mg/kg body weight (1999)

Residue: For compliance with MRLs and estimation of dietary intake for plant and animal commodities: Total pyrethrins, calculated as the sum of pyrethrins 1 and 2, cinerins 1 and 2, and jasmolins 1 and 2, determined after calibration with the World Standard pyrethum extract

Note: ARfD confirmed 2003

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080 Cereal grains	0.3	Po		CXL	03	36		2004	
FC	0001 Citrus fruits	0.05			CXL	00	34		2003	
DF	0167 Dried fruits	0.2	Po		CXL	00	35	34	2003	
VC	0045 Fruiting vegetables, Cucurbits	0.05	(*)		CXL	00	34		2003	
AL	0072 Pea hay or pea fodder (dry)	1			CXL	00	34		2003	
SO	0697 Peanut	0.5	Po		CXL	00	34		2003	
VO	0051 Peppers	0.05	(*)		CXL	00	34		2003	
HS	0444 Peppers Chili, dried	0.5			CXL	04	38	37	2006	
VD	0070 Pulses	0.1	Po		CXL	00	35	34	2003	
VR	0075 Root and tuber vegetables	0.05	(*)		CXL	00	34		2003	
VO	0448 Tomato	0.05	(*)		CXL	00	34		2003	
TN	0085 Tree nuts	0.5	(*) Po		CXL	05	38		2006	

**64 Quintozene**

Main Uses: Fungicide

JMPR: 69, 73, 74R, 75, 77, 95', 98R

ADI: 0.01 mg/kg body weight for quintozene containing less than 0.1% hexachlorobenzene (1995)

Acute RfD: N/A

Residue: Plant commodities: Quintozene (fat-soluble)

Animal commodities: Sum of quintozene, pentachloroaniline and methyl pentachlorophenyl sulphide, expressed as quintozene (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.01 (*)			CXL	98	34	32	2003	
AS	0640 Barley straw and fodder, Dry	0.01 (*)			CXL	98	34	32	2003	
VB	0400 Broccoli	0.05			CXL	98	34	32	2003	
VB	0041 Cabbages, Head	0.1			CXL	98	34	32	2003	
PM	0840 Chicken meat	0.1 (*) (fat)			CXL	98	34	32	2003	
PO	0840 Chicken, Edible offal of	0.1 (*)			CXL	98	34	32	2003	
VD	0526 Common bean (dry)	0.02			CXL	98	34	32	2003	
VP	0526 Common bean (pods and/or immature seeds)	0.1			CXL	98	34	32	2003	
SO	0691 Cotton seed	0.01			CXL	98	34	32	2003	
PE	0112 Eggs	0.03 (*)			CXL	98	34	32	2003	
GC	0645 Maize	0.01 (*)			CXL	98	34	32	2003	
AS	0645 Maize fodder (dry)	0.01			CXL	98	34	32	2003	
AL	0072 Pea hay or pea fodder (dry)	0.05			CXL	98	34	32	2003	
SO	0697 Peanut	0.5			CXL	98	34	32	2003	
VD	0072 Peas (dry)	0.01			CXL	98	34	32	2003	
HS	0444 Peppers Chili, dried	0.1			CXL	04	38	37	2006	
VO	0445 Peppers, Sweet (including pimento or pimienta)	0.05 (*)			CXL	98	34	32	2003	
VD	0541 Soya bean (dry)	0.01 (*)			CXL	98	34	32	2003	
AL	0541 Soya bean fodder	0.01 (*)			CXL	98	34	32	2003	
HS	0191 Spices, Fruits and Berries	0.02			CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	2			CXL		37		2005	
HS	0190 Spices, Seeds	0.1			CXL		37		2005	
VR	0596 Sugar beet	0.01 (*)			CXL	98	34	32	2003	
VO	0448 Tomato	0.02			CXL	98	34	32	2003	
GC	0654 Wheat	0.01			CXL	98	34	32	2003	
AS	0654 Wheat straw and fodder, Dry	0.03			CXL	98	34	32	2003	

**65 Thiabendazole**

Main Uses: Fungicide

JMPR: 70, 71R, 72R, 75R, 77, 79R, 81R, 97R', 00R, 06, 07R

ADI: 0.1 mg/kg body weight (1992 by JECFA; confirmed 1997 by JECFA : WHO TRS No 879)

Acute RfD: 0.3 mg/kg body weight for woman of child-bearing age. 1 mg/kg/bw for the general population (2006)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: Thiabendazole

For compliance with MRLs for animal commodities: Sum of thiabendazole and 5-hydroxythiabendazole

For estimation of dietary intake for animal commodities: Sum of thiabendazole, 5-hydroxythiabendazole and its sulfate conjugate

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0326	Avocado	15	Po						
FI	0327	Banana	5	Po						
MO	1280	Cattle kidney	1							
MO	1281	Cattle liver	0.3							
MM	0812	Cattle meat	0.1							
ML	0812	Cattle milk	0.2							
FC	0001	Citrus fruits	7	Po						
				(excluding kumquats)						
PE	0112	Eggs	0.1							
FI	0345	Mango	5	Po						
VO	0450	Mushrooms	60							
FI	0350	Papaya	10	Po						
FP	0009	Pome fruits	3	Po						
VR	0589	Potato	15	Po						
PM	0110	Poultry meat	0.05							
VS	0469	Witloof chicory (sprouts)	0.05	(*)						

**67 Cyhexatin**

Main Uses: Acaricide

JMPR: 70, 73, 74R, 75R, 77T, 78, 80T, 81T, 82R, 83R, 85R, 88T, 89T, 91, 92R, 94T (03T')(04R)

ADI: 0.007 mg/kg body weight Group ADI (2005)

Acute RfD: N/A

Residue: Sum of azocyclotin and cyhexatin, expressed as cyhexatin

Note: The CCPR-25 decided to harmonize the residue definition as "the sum of azocyclotin and cyhexatin expressed as cyhexatin" and to have 2 separate but identical lists

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple			CXL	05	38		2006	
FB	0021	Currants, Black, Red, White			CXL	05	38		2006	
FB	0269	Grapes			CXL	05	38		2006	
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars			CXL	05	38		2006	
FP	0230	Pear			CXL	05	38		2006	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	

**70 Bromopropylate**

Main Uses: Acaricide

JMPR: 73, 93, 96R

ADI: 0.03 mg/kg body weight (1993)

Acute RfD: N/A

Residue: Bromopropylate

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC	0001	Citrus fruits			CXL	93	29	28	1997	
VP	0526	Common bean (pods and/or immature seeds)			CXL	93	28		1997	
VC	0424	Cucumber			CXL	93	28		1997	
FB	0269	Grapes			CXL	93	28		1997	
VC	0046	Melons, except watermelon			CXL	93	28		1997	
FS	0014	Plums (including prunes)			CXL	93	28		1997	
FP	0009	Pome fruits			CXL	93	28		1997	
VC	0431	Squash, summer			CXL	93	28		1997	
FB	0275	Strawberry			CXL	93	28		1997	

**72 Carbendazim**

Main Uses: Fungicide

JMPR: 73, 76R, 77T, 78R, 83, 85, 87R, 88R, 90R, 94R, 95T, 98R, 03R,05'

ADI: 0.03 mg/kg body weight (1995)

Acute RfD: 0.1 &amp; 0.5 0.1 mg/kg body weight for woman of child bearing age and 0.5 mg/kg bw for the general population (2005)

Residue: For compliance with MRLs and estimation of dietary intake: Sum of benomyl, carbendazime and thiophanate-methyl, expressed as carbendazim

Note: Compounds for which sufficient data from trials complying with GAP were provided (B, benomyl; C, carbendazim; Th, thiophanate-methyl). Letters in upper case indicate the source(s) of the data on which the MRL is based.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	2	B		CXL	94	33	28,32	2001	
VS 0621	Asparagus	0.2	C		CXL	03	38	36,37	2006	
FI 0327	Banana	0.2	B		CXL	98	38	32,34,36,37	2006	
GC 0640	Barley	0.5	C		CXL	98	38	32,34,36,37	2006	
AS 0640	Barley straw and fodder, Dry	2	C		CXL	98	38	32,34,36,37	2006	
VD 0071	Beans (dry)	0.5	Th		CXL	98	38	32,34,36,37	2006	
FB 0018	Berries and other small fruits	1	B,Th	(except grapes)	CXL	94	38	28,32-37	2006	
VB 0402	Brussels sprouts	0.5	B		CXL				1991	
VR 0577	Carrot	0.2	B		CXL	98	38	32,34,36,37	2006	
MM 0812	Cattle meat	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
FS 0013	Cherries	10	Th		CXL	03	40	36-39	2008	Based on thiophanatemethyl use
PF 0840	Chicken fat	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
SB 0716	Coffee beans	0.1	C		CXL		32		2001	
VP 0526	Common bean (pods and/or immature seeds)	0.5	Th		CXL	03	38	36,37	2006	
VC 0424	Cucumber	0.05 (*)	b,C		CXL	98	38	32,34,36,37	2006	
MO 0105	Edible offal (mammalian)	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
PE 0112	Eggs	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
VP 0529	Garden pea, Shelled (succulent seeds)	0.02	Th		CXL	98	38	32,34,36,37	2006	
VC 0425	Gherkin	0.05 (*)	b,C		CXL	98	38	32,34,36,37	2006	
FB 0269	Grapes	3	b,Th		CXL	98	40	32,34,36-39	2008	
VL 0482	Lettuce, Head	5	Th		CXL	94	40	28,32-39	2008	
FI 0345	Mango	5	C		CXL	03	40	36-39	2008	Based on carbendazime use
ML 0106	Milks	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
FS 0245	Nectarine	2	B		CXL	94	33	28,32	2001	
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	1	B		CXL	98	40	32,34,36-39	2008	
FS 0247	Peach	2	B		CXL	94,98	33	28,32	2001	
SO 0697	Peanut	0.1 (*)	Th		CXL	03	38	36,37	2006	
AL 0697	Peanut fodder	3	Th		CXL	03	38	36,37	2006	
VO 0444	Peppers Chili	2	Th		CXL	03	38	36,37	2006	
HS 0444	Peppers Chili, dried	20	C		CXL	04	38	37	2006	
FI 0353	Pineapple	5	B		CXL	98	34	32	2003	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
FS	0014	Plums (including prunes)	0.5	B		CXL	94,98	33	28,32	2001	
FP	0009	Pome fruits	3	B,c,th		CXL	98	33	28,32	2001	
PM	0110	Poultry meat	0.05	(*)	B		CXL	98	38	32,34,36,37	2006
SO	0495	Rape seed	0.05	(*)	C		CXL	98	38	32,34,36,37	2006
AS	0649	Rice straw and fodder, Dry	15		C		CXL	98	38	32,34,36,37	2006
CM	0649	Rice, Husked	2	(*)	B		CXL	98	38	32,34,36,37	2006
GC	0650	Rye	0.1		C,Th		CXL	94	38	32,34,36,37	2006
VD	0541	Soya bean (dry)	0.5		Th		CXL	03	38	36,37	2006
AL	0541	Soya bean fodder	0.1		C		CXL		32		2001
HS	0191	Spices, Fruits and Berries	0.1				CXL		43		2011
HS	0193	Spices, Roots and Rhizomes	0.1				CXL		43		2011
VC	0431	Squash, summer	0.5		Th		CXL	03	38	36,37	2006
VR	0596	Sugar beet	0.1	(*)	Th		CXL	03	38	36,37	2006
VO	0448	Tomato	0.5		b,C		CXL	98	33	28,32	2001
TN	0085	Tree nuts	0.1	(*)	B		CXL	98	32		2001
GC	0654	Wheat	0.05	(*)	b,Th		CXL	98	38	32,34,36,37	2006
AS	0654	Wheat straw and fodder, Dry	1		B,C		CXL	98	38	32,34,36,37	2006



**74 Disulfoton**

Main Uses: Insecticide

JMPR: 73, 75, 79R, 81R, 84R, 91, 94R, 96T, 98R, 06R

ADI: 0-0.0003 mg/kg body weight (1991, confirmed 2006)

Acute RfD: 0.003 mg/kg body weight, confirmed 2006 (1996)

Residue: Sum of disulfoton, demeton-S and their sulfoxides and sulphones, expressed as disulfoton

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	5			CXL					1995
VS	0621 Asparagus	0.02	(*)		CXL		35	28-34		2003
GC	0640 Barley	0.2			CXL		35	28-34		2003
AS	0640 Barley straw and fodder, Dry	3			CXL					1995
VD	0071 Beans (dry)	0.2			CXL	98	35	28-34		2003
PE	0840 Chicken eggs	0.02	(*)		CXL		35	28-34		2003
AL	1031 Clover hay or fodder	10			CXL					
SB	0716 Coffee beans	0.2			CXL					1995
VP	0526 Common bean (pods and/or immature seeds)	0.2			CXL		35	28-33		2003
SO	0691 Cotton seed	0.1			CXL	94,98	35	28-34		2003
VP	0528 Garden pea (young pods)(=succulent, immature seeds)	0.1			CXL		35	28-34		2003
VP	0529 Garden pea, Shelled (succulent seeds)	0.02	(*)		CXL		35	28-34		2003
GC	0645 Maize	0.02			CXL	98	35	28-34		2003
AS	0645 Maize fodder (dry)	3			CXL					1995
ML	0107 Milk of cattle, goats & sheep	0.01			CXL	94	35	28-34		2003
AS	0647 Oat straw and fodder, Dry	0.05			CXL	94	35	28-34		2003
GC	0647 Oats	0.02	(*)		CXL		35	28-34		2003
SO	0697 Peanut	0.1			CXL					
TN	0672 Pecan	0.1			CXL					
FI	0353 Pineapple	0.1			CXL					
PM	0110 Poultry meat	0.02	(*)		CXL		35	28-34		2003
HS	0093 Spices	0.05	(*)		CXL		37			2005
VR	0596 Sugar beet	0.2			CXL					1995
VO	0447 Sweet corn (corn-on-the-cob)	0.02	(*)		CXL		35	28-34		2003
VO	1275 Sweet corn (kernels)	0.02	(*)		CXL		35	28-32,34		2003
GC	0654 Wheat	0.2			CXL		35	28-34		2003
AS	0654 Wheat straw and fodder, Dry	5			CXL	94	35	28-34		2003

**79 Amitrole**

Main Uses: Herbicide

JMPR: 74, 77T, 93, 97T, 98R'

ADI: 0.002 mg/kg body weight (1997)

Acute RfD: N/A

Residue: Amitrole

Note: Previous TADI, 0.0005 mg/kg bw (1993). Previous CXLs for raw agricultural commodities of plant origin were revoked by the 17th CAC.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0269 Grapes	0.05			CXL	98	36	32,34	2004	
FP	0009 Pome fruits	0.05 (*)			CXL	98	36	32,34	2004	
FS	0012 Stone fruits	0.05 (*)			CXL	98	36	32,34	2004	

**81 Chlorothalonil**

Main Uses: Fungicide

JMPR: 1974(TR), 1977(TR), 1978(R), 1979(TR), 1981(TR), 1983(TR), 1984(T), 1985(TR), 1987(T), 1988(R), 1990(TR), 1992(T), 1993(R), 1997(R), 2009(T), 2010(R), 2012(R)

ADI: 0-0.02 mg/kg body weight (2009)

Acute RfD: 0.6 mg/kg body weight (2009)

Residue: For compliance with MRL for plant commodities: Chlorothalonil

For estimation of dietary intake for plant commodities: Chlorothalonil - SDS-3701 (2,5,6-trichloro-4-hydroxyisophthalonitrile) all considered separately

For compliance with MRL and for estimation of dietary intake for animal commodities: SDS-3701 (2,5,6-trichloro-4-hydroxyisophthalonitrile)

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	15			CXL	12	45		2013	
VB	0402 Brussels sprouts	6			CXL	10	43		2011	
VS	0624 Celery	20			CXL	10	43		2011	
VL	0464 Chard	50			CXL	12	45		2013	
FS	0013 Cherries	0.5			CXL				1995	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
VP	0526 Common bean (pods and/or immature seeds)	5			CXL					Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
FB	0265 Cranberry	5			CXL					Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
VC	0424 Cucumber	3			CXL	10	43		2011	
FB	0021 Currants, Black, Red, White	20			CXL	10	43		2011	
MO	0105 Edible offal (mammalian)	0.2			CXL	10	43		2011	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	5		CXL	10	43		2011	
VC	0425	Gherkin	3		CXL	10	43		2011	
FB	0268	Gooseberry	20		CXL	10	43		2011	
FB	0269	Grapes	3		CXL	10	43		2011	
VA	0384	Leek	40		CXL	10	43		2011	
MF	0100	Mammalian fats (except milk fats)	0.07		CXL	10	43		2011	
MM	0095	Meat (from mammals other than marine mammals)	0.02		CXL	10	43		2011	
VC	0046	Melons, except watermelon	2		CXL	10	43		2011	
ML	0106	Milks	0.07		CXL	10	43		2011	
VA	0385	Onion, Bulb	0.5		CXL				1995	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
VA	0386	Onion, Chinese	10		CXL	10	43		2011	
VA	0387	Onion, Welsh	10		CXL	10	43		2011	
FI	0350	Papaya	20		CXL	10	43		2011	
FS	0247	Peach	0.2		CXL	97	31		1999	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
SO	0697	Peanut	0.1		CXL	10	43		2011	
HS	0444	Peppers Chili, dried	70		CXL	04	38	37	2006	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL	97	31		1999	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).
PF	0111	Poultry fats			CXL	10	43		2011	
PM	0110	Poultry meat			CXL	10	43		2011	
PO	0113	Poultry skin			CXL	10	43		2011	
PO	0111	Poultry, Edible offal of			CXL	10	43		2011	
VD	0070	Pulses			CXL	10	43		2011	
VR	0075	Root and tuber vegetables			CXL	10	43		2011	
VA	0389	Spring Onion			CXL	10	43		2011	
VC	0431	Squash, summer			CXL	10	43		2011	
FB	0275	Strawberry			CXL	10	43		2011	
VO	0448	Tomato			CXL					Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34).

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**83 Dichloran**

Main Uses: Fungicide

JMPR: 74, 77, 98, 03R

ADI: 0.01 mg/kg body weight (1998)

Acute RfD: Unnecessary (2003)

Residue: For compliance with MRLs and estimation of dietary intake: Dichloran

The residue is fat-soluble

Note: Previous ADI 0.03 mg/kg (1977)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0577 Carrot	15	Po		CXL	98	34	32	2003	
FB	0269 Grapes	7			CXL	03	36		2004	
FS	0245 Nectarine	7	Po		CXL	03	36		2004	
VA	0385 Onion, Bulb	0.2			CXL	98	32		2001	
FS	0247 Peach	7	Po		CXL	03	36		2004	

**84 Dodine**

Main Uses: Fungicide

JMPR: 74, 76, 77R, 00T', 03'R

ADI: 0.1 mg/kg body weight (2000)

Acute RfD: 0.2 mg/kg body weight (2000)

Residue: For compliance with MRLs and for estimation of dietary intake: Dodine

Note: Previous ADI, 0.01 mg/kg body weight

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013	Cherries	3		CXL	03	37	36	2005	
FS	0245	Nectarine	5		CXL	03	37	36	2005	
FS	0247	Peach	5		CXL	03	37	36	2005	
FP	0009	Pome fruits	5		CXL	03	37	36	2005	



**85 Fenamiphos**

Main Uses: Insecticide

JMPR: 74, 77R, 78R, 80R, 85T, 87T, 97T', 99R', 02T, 06R

ADI: 0-0.0008 mg/kg body weight (1997, confirmed 2006)

Acute RfD: 0.003 mg/kg body weight, confirmed 2006 (2002)

Residue: Sum of fenamiphos and its sulphoxide and sulphone, expressed as fenamiphos

Note: Previous acuteRfD, 0.0008 mg/kg bw (1997)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.05 (*)			CXL	99	36	33-35	2004	
FI	0327 Banana	0.05 (*)			CXL	99	36	33-35	2004	
VB	0402 Brussels sprouts	0.05			CXL	99	36	33-35	2004	
VB	0041 Cabbages, Head	0.05			CXL	99	36	33-35	2004	
SO	0691 Cotton seed	0.05 (*)			CXL	99	36	33	2004	
OC	0691 Cotton seed oil, Crude	0.05 (*)			CXL	99	36	33-35	2004	
MO	0105 Edible offal (mammalian)	0.01 (*)			CXL	99	36	33-35	2004	
PE	0112 Eggs	0.01 (*)			CXL	99	36	33-35	2004	
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			CXL	99	36	33-35	2004	
VC	0046 Melons, except watermelon	0.05			CXL	06	39		2007	
ML	0106 Milks	0.005 (*)			CXL	99	36	33-35	2004	
SO	0697 Peanut	0.05 (*)			CXL	99	36	33	2004	
OC	0697 Peanut oil, Crude	0.05 (*)			CXL	99	36	33-35	2004	
PM	0110 Poultry meat	0.01 (*)			CXL	99	36	33,35	2004	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	99	36	33-35	2004	

**86 Pirimiphos-Methyl**

Main Uses: Insecticide

JMPR: 74, 76, 77R, 79R, 83R, 85R, 92T, 94R, 03'R, 04R, 06T

ADI: 0-0.03 mg/kg body weight (1992, confirmed 2006)

Acute RfD: 0.2 mg/kg body weight (2006)

Residue: For compliance with MRLs and estimation of dietary intake for plant and animal commodities: Pirimiphos-methyl

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080	7	Po		CXL	03	37	36	2005	
MO	0105	0.01		(*)	CXL	04	37		2005	
PE	0112	0.01			CXL	04	37		2005	
MM	0095	0.01		(*)	CXL	04	37		2005	
			marine mammals)							
ML	0106	0.01			CXL	03	37	36	2005	
PM	0110	0.01		(*)	CXL	04	37		2005	
PO	0111	0.01		(*)	CXL	04	37		2005	
HS	0191	0.5			CXL		37		2005	
HS	0190	3			CXL		37		2005	
CM	0654	15	PoP		CXL	03	37	36	2005	

**87 Dinocap**

Main Uses: Fungicide

JMPR: 69, 74, 89, 92R, 98, 99R, 00T, 01R

ADI: 0.008 mg/kg body weight (1998)

Acute RfD: 0.008 mg/kg body weight for women of child bearing age; 0.03 mg/kg body weight for children and general population other than women of childbearing age (2000)

Residue: Sum of dinocap isomers and dinocap phenols, expressed as dinocap

Note: Previous ADI 0.001 mg/kg bw (1989)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.2	D		CXL	98	34	32	2003	
VC	0424 Cucumber	0.7	M,d		CXL	10	43		2011	
VC	0045 Fruiting vegetables, Cucurbits	0.05 (*)	D		CXL	98	34	32	2003	
FB	0269 Grapes	0.5	D,m		CXL	01	35	32,34	2003	
VC	0046 Melons, except watermelon	0.5	M,d		CXL	10	43		2011	
FS	0247 Peach	0.1	D		CXL	98	34	32	2003	
VO	0051 Peppers	0.2	D		CXL	98	34	32	2003	
HS	0444 Peppers Chili, dried	2	D		CXL	04	38	37	2006	
VC	0431 Squash, summer	0.07	M,d		CXL	10	43		2011	
FB	0275 Strawberry	0.5	D,m	(except glasshouse-grown strawberry)	CXL	98	34	32	2003	
VO	0448 Tomato	0.3	D		CXL	99	34	32	2003	

**90 Chlorpyrifos-Methyl**

Main Uses: Insecticide

JMPR: 1975(TR), 1976(R), 1979(R), 1990(R), 1991(TR), 1992(T), 1993(R), 1994(R), 2001(T), 2009(TR)

ADI: 0-0.01 mg/kg body weight (2009)

Acute RfD: 0.1 mg/kg body weight (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Chlorpyrifos-methyl

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	3	Po		7	09	46	43-45		Advanced to Step 5 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). Withdrawal recommended by the 2013 JMPR.
GC	0640 Barley	10	Po		7	94	45	43,44		Retained at Step 7 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Maintained at Step 7 awaiting for the 2013 JMPR alternative GAP evaluation (45:25).
GC	0080 Cereal grains	5	Po	(except maize and rice)	3	2013	46			
FC	0001 Citrus fruits	2		(excluding kumquats)	CXL	09	45	42	2013	
MO	0105 Edible offal (mammalian)	0.01			CXL	09	43			2011
VO	0440 Egg plant	1			CXL	09	42			2010
PE	0112 Eggs	0.01	(*)		CXL	09	43			2011
AB	0269 Grape pomace, Dry	5			CXL	09	43			2011
FB	0269 Grapes	1			CXL	09	42			2010
MM	0095 Meat (from mammals other than marine mammals)	0.1	(fat)		CXL	09	43			2011
FM	0183 Milk fats	0.01	(*)		CXL	09	43			2011
ML	0106 Milks	0.01	(*)		CXL	09	43			2011

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0647	Oats	10	Po	7	94	45	28,42,43,44		Retained at Step 7 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25).
VO	0051	Peppers	1		CXL	09	42		2010	
HS	0444	Peppers Chili, dried	10		CXL	09	42		2010	
FP	0009	Pome fruits	1		CXL	09	42		2010	
VR	0589	Potato	0.01	(*)	CXL	09	42		2010	
PM	0110	Poultry meat	0.01	(fat)	CXL	09	43		2011	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	09	43		2011	
GC	0649	Rice	0.1		CXL					Withdrawal recommended (JMPR 2009)
GC	0649	Rice	10	Po	7	94	45	28,42,43,44		Republic of Korea informed CCPR of their chronic dietary intake concerns with the rice MRL. CCPR requested ROK to submit their intake calculations to JMPR (36:120). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25).
CM	0649	Rice, Husked	1.5	Po	3	2013	46			
CM	1205	Rice, Polished	0.2	Po	3	2013	46			
GC	0651	Sorghum	10	Po	CXL					Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36)
HS	0191	Spices, Fruits and Berries	0.3		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	5		CXL		37		2005	
HS	0190	Spices, Seeds	1		CXL		37		2005	
FS	0012	Stone fruits	0.5		CXL	09	42		2010	
FB	0275	Strawberry	0.06		CXL	09	42		2010	
VO	0448	Tomato	1		CXL	09	42		2010	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0654	Wheat	10	Po			26			Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36)
GC	0654	Wheat	3	Po	7	09	46	43-45		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). Withdrawal recommended by the 2013 JMPR.
CM	0654	Wheat bran, Unprocessed	20	PoP						
CM	0654	Wheat bran, Unprocessed	6	PoP	7	09	45	43,44		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25).
CF	1210	Wheat germ	5	PoP	7	09	45	43,44		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25).

**93 Bioresmethrin**

Main Uses: Insecticide

JMPR: 75R, 76, 91

ADI: 0.03 mg/kg body weight (1991)

Acute RfD: N/A

Residue: Bioresmethrin

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0654	Wheat	1	Po						1995
CM	0654	Wheat bran, Unprocessed	5	PoP						1995
CF	1211	Wheat flour	1	PoP						1995
CF	1210	Wheat germ	3	PoP						1995
CF	1212	Wheat wholemeal	1	PoP						1995

**94 Methomyl**

Main Uses: Insecticide

JMPR: 75R, 76R, 77R, 78R, 86, 87R, 88R, 89, 90R, 91R, 01', 04R

ADI: 0.02 mg/kg body weight (2001)

Acute RfD: 0.02 mg/kg body weight (2001)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Sum of methomyl and thiodicarb, expressed as methomyl

MRLs related to methomyl and (154) thiodicarb are combined into a single list

Note: Previous ADI, 0.03 mg/kg bw (1989)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	20			CXL	01	37	34-36	2005	
FP	0226 Apple	0.3			CXL	08	42	41	2010	
VS	0621 Asparagus	2			CXL	01			1991	
GC	0640 Barley	2			CXL	01	37	34-36	2005	
AL	0061 Bean fodder	10			CXL	01	37	34-36	2005	
VD	0071 Beans (dry)	0.05			CXL	01	36	34,35	2004	
VP	0061 Beans, except broad bean and soya bean	1			CXL	01	36	34,35	2004	
FC	0001 Citrus fruits	1		(excluding kumquats)	CXL	01	45		2013	
As	0001 Citrus pulp, Dry	3			CXL	01	37	34-36	2005	
VP	0526 Common bean (pods and/or immature seeds)	1			CXL	01	36	34,35	2004	
SO	0691 Cotton seed	0.2			CXL	01	36	34,35	2004	
AB	1203 Cotton seed, meal	0.05			CXL	01	36	34	2004	
OR	0691 Cotton seed oil, Edible	0.04			CXL	01	36	34,35	2004	
AB	0691 Cotton seed, hulls	0.2			CXL	01	36	34,35	2004	
MO	0105 Edible offal (mammalian)	0.02 (*)			CXL	01	36	34,35	2004	
PE	0112 Eggs	0.02 (*)			CXL		36	34,35	2004	
VC	0045 Fruiting vegetables, Cucurbits	0.1			CXL	01,08	41	34-40	2009	Resulting from consideration of methomyl supervised field trial data
FB	0269 Grapes	0.3			CXL	08	41		2009	
VL	0482 Lettuce, Head	0.2			CXL	08	41		2009	
VL	0483 Lettuce, Leaf	0.2			CXL	08	41		2009	
GC	0645 Maize	0.02 (*)			CXL	01	36	34,35	2004	
OR	0645 Maize oil, Edible	0.02 (*)			CXL	01	36	34,35	2004	
MM	0095 Meat (from mammals other than marine mammals)	0.02 (*)			CXL	01	36	34,35	2004	
ML	0106 Milks	0.02 (*)			CXL	01	36	34,35	2004	
AM	0738 Mint hay	0.5			CXL	04	37		2005	
FS	0245 Nectarine	0.2			CXL	01	36	34,35	2004	
GC	0647 Oats	0.02 (*)			CXL	01	36	34,35	2004	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb			CXL	01				1991
FS	0247	Peach			CXL	01	36	34,35		2004
FP	0230	Pear			CXL	08	41			2009
VP	0063	Peas (pods and succulent=immature seeds)			CXL	01				1991
VO	0051	Peppers			CXL	04	37			2005
HS	0444	Peppers Chili, dried			CXL	04	38	37		2006
FS	0014	Plums (including prunes)			CXL	01	36	34,35		2004
VR	0589	Potato		(*)	CXL	01	36	34,35		2004
PM	0110	Poultry meat		(*)	CXL	01	36	34,35		2004
PO	0111	Poultry, Edible offal of		(*)	CXL	01	36	34,35		2004
SO	0495	Rape seed			CXL	01	36	34,35		2004
VD	0541	Soya bean (dry)			CXL	01				
AL	0541	Soya bean fodder			CXL	01	36	34,35		2004
AB	0541	Soya bean hulls			CXL	01	36	34,35		2004
AB	1265	Soya bean meal			CXL	01	36	34,35		2004
OC	0541	Soya bean oil, Crude			CXL	01	36	34,35		2004
OR	0541	Soya bean oil, Refined			CXL	01	36	34,35		2004
HS	0191	Spices, Fruits and Berries			CXL		43			2011
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants			CXL	01	36	34,35		2004
VO	0448	Tomato			CXL	08	41			2009
GC	0654	Wheat			CXL	01	37	34-36		2005
CM	0654	Wheat bran, Unprocessed			CXL	01	37	34-36		2005
CF	1211	Wheat flour			CXL	01	37	34-36		2005
CF	1210	Wheat germ			CXL	01	37	34-36		2005
AS	0654	Wheat straw and fodder, Dry			CXL					1991

**95 Acephate**

Main Uses: Insecticide

JMPR: 76, 79R, 81R, 82T, 84, 87T, 88T, 90, 91, 94R, 96R, 02T', 03'R, 05T', 06R

ADI: 0-0.03 mg/kg body weight 2011

Acute RfD: 0.1 mg/kg body weight (2011)

Residue: For compliance with MRLS for plant and animal commodities: Acephate

For estimation of dietary intake for plant and animal commodities: Acephate and methamidophos

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe	0.3		CXL	03	37	36	2005	
VP	0061	Beans, except broad bean and soya bean	5		CXL	03	38	36,37	2006	
VB	0041	Cabbages, Head	2		CXL	96	30		1999	
FB	0265	Cranberry	0.5		CXL	06	39		2007	
MO	0105	Edible offal (mammalian)	0.05		CXL	03	37	36	2005	
PE	0112	Eggs	0.01 (*)		CXL	03	37	36	2005	
MM	0095	Meat (from mammals other than marine mammals)	0.05		CXL	03	37	36	2005	
ML	0106	Milks	0.02		CXL	03	37	36	2005	
HS	0444	Peppers Chili, dried	50		CXL	04	38	37	2006	
PF	0111	Poultry fats	0.1		CXL					
PM	0110	Poultry meat	0.01 (*)		CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of	0.01 (*)		CXL	03	37	36	2005	
AS	0649	Rice straw and fodder, Dry	0.3		CXL	11	44		2012	
CM	0649	Rice, Husked	1		CXL	11	44		2012	
VD	0541	Soya bean (dry)	0.3		CXL	03	37	36	2005	
HS	0093	Spices	0.2 (*)		CXL		37		2005	
VO	0448	Tomato	1		CXL	96	30		1999	

**96 Carbofuran**

Main Uses: Insecticide

JMPR: 1976(TR), 1979(TR), 1980(T), 1982(T), 1991(R), 1993(R), 1996(T), 1997(R), 2002(TR), 2003(R) (See also carbosulfan), 2004(R), 2008(T), 2009(R), 2012(R)

ADI: 0-0.001 mg/kg body weight (2008)

Acute RfD: 0.001 mg/kg body weight (2008)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Carbofuran and 3-hydroxy carbofuran expressed as carbofuran

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.01 (*)			CXL	12	45		2013	
MF	0812 Cattle fat	0.05 (*)			CXL	97	31		1999	
As	0001 Citrus pulp, Dry	2		Based on the use of carbosulfan	CXL	97	32	31	2001	
SB	0716 Coffee beans	1			CXL	97	31		1999	
SO	0691 Cotton seed	0.1			CXL	02	36	35	2004	
MO	0096 Edible offal of cattle, goats, horses, pigs & sheep	0.05 (*)			CXL	97	31		1999	
MF	0814 Goat fat	0.05 (*)			CXL	97	31		1999	
MF	0816 Horse fat	0.05 (*)			CXL	97	31		1999	
GC	0645 Maize	0.05 (*)		Based on the use of carbosulfan	CXL	03	37	36	2005	
FC	0206 Mandarin	0.5		Based on the use of carbosulfan	CXL	99	42	33,36,37,38	2010	
MM	0096 Meat of cattle, goats, horses, pigs & sheep	0.05 (*)			CXL	97	31		1999	
FC	0004 Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.5			CXL	97,04	42	31-41	2010	
MF	0818 Pig fat	0.05 (*)			CXL	97	31		1999	
SO	0495 Rape seed	0.05 (*)			CXL	02	36	35	2004	
AS	0649 Rice straw and fodder, Dry	1			CXL	02	36	35	2004	
CM	0649 Rice, Husked	0.1			CXL	02	36	35	2004	
MF	0822 Sheep fat	0.05 (*)			CXL	97	31		1999	
GC	0651 Sorghum	0.1 (*)			CXL	97	31		1999	
AS	0651 Sorghum straw and fodder, Dry	0.5			CXL	97	32	31	2001	
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		43		2011	
VR	0596 Sugar beet	0.2		Based on the use of carbosulfan	CXL	03	37	36	2005	
GS	0659 Sugar cane	0.1 (*)			CXL	97	31		1999	
SO	0702 Sunflower seed	0.1 (*)			CXL	97	31		1999	

**100 Methamidophos**

Main Uses: Insecticide

JMPR: 76, 79R, 81R, 82, 84R, 85T, 89R, 90, 94R, 96R, 97R, 02T',04R

ADI: 0-0.004 mg/kg body weight (2011)

Acute RfD: 0.1 mg/kg body weight (2011)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Methamidophos

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe	0.2		CXL	03	37	36	2005	
VP	0061	Beans, except broad bean and soya bean	1		CXL	03	38	36,37	2006	
SO	0691	Cotton seed	0.2		CXL	03	37	36	2005	
MO	0105	Edible offal (mammalian)	0.01	(*)	CXL	03	37	36	2005	
PE	0112	Eggs	0.01	(*)	CXL	03	37	36	2005	
AM	1051	Fodder beet	0.02		CXL	03	37	36	2005	
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*)	CXL	03	37	36	2005	
ML	0106	Milks	0.02		CXL	03	37	36	2005	
VR	0589	Potato	0.05		CXL	03	37	36	2005	
PM	0110	Poultry meat	0.01	(*)	CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	03	37	36	2005	
AS	0649	Rice straw and fodder, Dry	0.1		CXL	11	44		2012	Arising from the use of acephate on rice
CM	0649	Rice, Husked	0.6		CXL	11	44		2012	Arising from the use of acephate on rice
VD	0541	Soya bean (dry)	0.1		CXL	03	37	36	2005	
HS	0093	Spices	0.1	(*)	CXL		37		2005	
VR	0596	Sugar beet	0.02		CXL	03	37	36	2005	

**101 Pirimicarb**

Main Uses: Aphicide

JMPR: 76, 78, 79R, 81, 82T, 85R, 04T', 06R'

ADI: 0-0.02 mg/kg body weight (1982, confirmed 2006)

Acute RfD: 0.1 mg/kg body weight, confirmed 2006 (2004)

Residue: For estimation of dietary intake: Sum of pirimicarb, and its demethyl, demethyl formamido metabolites, expressed as pirimicarb for plant commodities and pirimicarb (parent compound only) for animal commodities

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe			CXL	06	39		2007	
VS	0621	Asparagus			CXL	06	39		2007	
FB	0018	Berries and other small fruits		(except strawberries and grapes)	CXL	06	39		2007	
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas			CXL	06	39		2007	
GC	0080	Cereal grains		(except rice)	CXL	06	39		2007	
FC	0001	Citrus fruits		(excluding kumquats)	CXL	06	45	39	2013	
MO	0105	Edible offal (mammalian)			CXL	06	39		2007	
PE	0112	Eggs			CXL	06	39		2007	
VO	0050	Fruiting vegetables other than cucurbits		(except edible fungi and sweet corn)	CXL	06	39		2007	
VC	0045	Fruiting vegetables, Cucurbits		(except melons and watermelons)	CXL	06	39		2007	
VA	0381	Garlic			CXL	06	39		2007	
VL	0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)			CXL	06	39		2007	
VP	0060	Legume vegetables		(except soya bean)	CXL	06	39		2007	
VL	0482	Lettuce, Head			CXL	06	39		2007	
VL	0483	Lettuce, Leaf			CXL	06	39		2007	
MM	0095	Meat (from mammals other than marine mammals)			CXL	06	39		2007	
VC	0046	Melons, except watermelon			CXL	06	39		2007	
ML	0106	Milks			CXL	06	39		2007	
VA	0385	Onion, Bulb			CXL	06	39		2007	
AL	0072	Pea hay or pea fodder (dry)	dry wt		CXL	06	39		2007	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
FP	0009	Pome fruits			CXL	06	39		2007	
PM	0110	Poultry meat			CXL	06	39		2007	
PO	0111	Poultry, Edible offal of			CXL	06	39		2007	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0070	Pulses		(except soya bean (dry))	CXL	06	39		2007	
SO	0495	Rape seed			CXL	06	39		2007	
VR	0075	Root and tuber vegetables			CXL	06	39		2007	
HS	0190	Spices, Seeds			CXL		37		2005	
FS	0012	Stone fruits			CXL	06	39		2007	
AS	0081	Straw and fodder (dry) of cereal grains	dry wt	(except rice straw and fodder, dry)	CXL	06	39		2007	
SO	0702	Sunflower seed			CXL	06	39		2007	
VO	1275	Sweet corn (kernels)			CXL	06	39		2007	

**102 Maleic Hydrazide**

Main Uses: Plant growth regulator

JMPR: 76, 77, 80T, 84, 96T', 98R'

ADI: 0.3 mg/kg body weight (1996)

Acute RfD: N/A

Residue: Maleic hydrazide

Note: The 1998 JMPR changed the residue definition

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0381	Garlic	15		CXL	98	32		2001	
VA	0385	Onion, Bulb	15		CXL	98				
VR	0589	Potato	50		CXL	98				
VA	0388	Shallot	15		CXL	98	32		2001	

**103 Phosmet**

Main Uses: Insecticide

JMPR: 76R, 78, 79, 81R, 84R, 85R, 86R, 88R, 94T', 97R', 98T, 02R, 03T, 07R

ADI: 0-0.01 mg/kg body weight (1994; confirmed 1998)

Acute RfD: 0.2 mg/kg body weight (2003)

Residue: For compliance with MRLs and estimation of dietary intake: Phosmet

Note: Previous Acute RfD 0.02 mg/kg/bw (1998)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0240	10			CXL	97	40	31,33-39	2008	
FB	0020	10			CXL	07	40		2008	
MM	0812	1	(fat) V		CXL		31		1999	
FC	0001	3		(excluding kumquats)	CXL	02,07	45	35-40	2013	
SO	0691	0.05			CXL	97	32	31	2001	
FB	0269	10			CXL	97	31		1999	
ML	0106	0.02			CXL		31		1999	
FS	0245	10			CXL	02,07	40	35-39	2008	
FS	0247	10			CXL	97	31		1999	
FP	0009	10			CXL	02	40	35-39	2008	
VR	0589	0.05	(*)		CXL	97	32	31	2001	
TN	0085	0.2			CXL	02	36	35	2004	



**105 Dithiocarbamates**

Main Uses: Fungicide

JMPR: 65T, 67, 70, 74, 77, 83R, 84R, 85R, 87T, 88R, 90R, 92T, 93', 95R, 96', 04R

ADI: (1) mg/kg body weight

Acute RfD: N/A

Residue: For compliance with MRLs in plant and estimation of dietary intake in plant and animal commodities: Total dithiocarbamates, determined as CS<sub>2</sub>, evolved during acid digestion and expressed as mg CS<sub>2</sub>/kg. The MRLs apply to total residues from the use of any or each of the groups of dithiocarbamates.

(1) Group ADI: ferbam &amp; ziram, 0.003 mg/kg bw (1996); thiram, 0.01 mg/kg bw (1992); mancozeb, maneb, metiram &amp; zineb, 0.03 mg/kg bw (alone or in any combination) (1993); propineb, 0.007 mg/kg bw (1993)

Note: Recommended MRLs refer to the total residues from the use of any or each of the dithiocarbamates. Recommendations are based on trials with; n, maneb; m, metiram; c, mancozeb; p, propineb; h, thiram, z, ziram. Compounds shown in upper case are those on which estimates of MRLs are mainly based. The 1995 JMPR changed the expression of residue definition. Propineb: ADI for propineb 0-0.007 mg/kg/bw. Interim ARfD: 0.1 mg/kg bw. Some commodities contain natural compounds that generate CS<sub>2</sub> (36-201). The JMPR 2004 evaluated propineb and proposed MRLs for the use of propineb alone and for the use of dithiocarbamates including propineb in several commodities (37-127). The Committee agreed not to establish separate MRLs for propineb as the residue definition applies to all dithiocarbamates (37-128).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	20	N,z		CXL	95	31	28-30	1999	
TN 0660	Almonds	0.1 (*)	N,Z		CXL	95	31	28-30	1999	
VS 0621	Asparagus	0.1	c		CXL	95	31	28-30	1999	
FI 0327	Banana	2	c		CXL	95	31	28-30	1999	
GC 0640	Barley	1	c		CXL	95	31	28-30	1999	
AS 0640	Barley straw and fodder, Dry	25	C,n		CXL	95	31	28-30	1999	
VB 0041	Cabbages, Head	5	c,N		CXL	95	31	28-30	1999	
VR 0577	Carrot	1	c		CXL	95	31	28-30	1999	
FS 0013	Cherries	0.2	p		CXL	04	38	37	2006	
VL 0510	Cos lettuce	10	n		CXL	95	31	28-30	1999	
FB 0265	Cranberry	5	c		CXL	95	31	28-30	1999	
VC 0424	Cucumber	2	c,N,p		CXL	04	37		2005	
FB 0021	Currants, Black, Red, White	10	C,m		CXL	95	31	28-30	1999	
MO 0105	Edible offal (mammalian)	0.1	C,m,p		CXL	04	37		2005	
PE 0112	Eggs	0.05 (*)	C,p		CXL	04	37		2005	
VA 0381	Garlic	0.5	c		CXL	95	31	28-30	1999	
FB 0269	Grapes	5	C,m,n		CXL	04	37		2005	
DH 1100	Hops, Dry	30	m		CXL	95	31	28-30	1999	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	15	c,N		CXL	95	31	28-30	1999	
VA 0384	Leek	0.5	c		CXL	95	31	28-30	1999	
VL 0482	Lettuce, Head	0.5	C,N,m		CXL	95	31	28-30	1999	
AS 0645	Maize fodder (dry)	2	c		CXL	95	31	28-30	1999	
FC 0003	Mandarins	10	c		CXL	95	31	28-30	1999	
FI 0345	Mango	2	c		CXL	95	31	28-30	1999	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	c,m,p		CXL	04	37		2005
VC	0046	Melons, except watermelon	0.5		C		CXL	04	37		2005
ML	0106	Milks	0.05	(*)	c,m,p		CXL	04	37		2005
VA	0385	Onion, Bulb	0.5		C		CXL	04	37		2005
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	2		c		CXL	95	31	28-30	1999
FI	0350	Papaya	5		c		CXL	95	31	28-30	1999
SO	0697	Peanut	0.1	(*)	c		CXL	95	31	28-30	1999
AL	0697	Peanut fodder	5		c		CXL	95	31	28-30	1999
TN	0672	Pecan	0.1	(*)	Z		CXL	04	37		2005
HS	0444	Peppers Chili, dried	10				CXL	04	38	37	2006
VO	0445	Peppers, Sweet (including pimento or pimiento)	1		c,n		CXL	95	31	28-30	1999
FP	0009	Pome fruits	5		C,M,H,Z		CXL	04	37		2005
VR	0589	Potato	0.2		c,m,n,p		CXL	04	37		2005
PM	0110	Poultry meat	0.1		c,p		CXL	04	37		2005
PO	0111	Poultry, Edible offal of	0.1		c,p		CXL	04	37		2005
VC	0429	Pumpkins	0.2		c		CXL	95	31	28-30	1999
VA	0389	Spring Onion	10		n		CXL	95	31	28-30	1999
VC	0431	Squash, summer	1		c		CXL	95	31	28-30	1999
FS	0012	Stone fruits	7		h,p,Z		CXL	04	37		2005
FB	0275	Strawberry	5		H		CXL	96	32	30	2001
VR	0596	Sugar beet	0.5		C,n		CXL	95	31	28-30	1999
VO	0447	Sweet corn (corn-on-the-cob)	0.1	(*)	c		CXL	95	31	28-30	1999
VO	0448	Tomato	2		p		CXL	04	38	37	2006
VC	0432	Watermelon	1		c,N		CXL	95	30	28,29	1999
GC	0654	Wheat	1		C,n,m		CXL	95	31	28-30	1999
AS	0654	Wheat straw and fodder, Dry	25		C,n,m		CXL	95	31	28-30	1999
VC	0433	Winter squash	0.1		c		CXL	95	31	28-30	1999

**106 Ethephon**

Main Uses: Plant growth regulator

JMPR: 77, 78, 83R, 85R, 93T, 94R', 95T, 97T, 99R,02T

ADI: 0.05 mg/kg body weight (1993; confirmed 1995, 1997)

Acute RfD: 0.05 mg/kg body weight (2002)

Residue: Ethephon

Note: Before the establishment of an ADI in 1993, CCPR was considering guideline levels

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	5			CXL	94	29	28	1997	
GC	0640 Barley	1			CXL	94	29	28	1997	
AS	0640 Barley straw and fodder, Dry	5			CXL	94	29	28	1997	
FB	0020 Blueberries	20			CXL	94	29	28	1997	
VC	4199 Cantaloupe	1			CXL	94,99	32	28-31	2001	
FS	0013 Cherries	10			CXL	94	28		1997	
PE	0840 Chicken eggs	0.2	(*)		CXL	94	28		1997	
SO	0691 Cotton seed	2			CXL	94	28		1997	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	99	35	33,34	2003	
MO	0096 Edible offal of cattle, goats, horses, pigs & sheep	0.2	(*)		CXL	94	28		1997	
DF	0297 Figs, Dried or dried and candied	10			CXL	94	29	28	1997	
FB	0269 Grapes	1			CXL	94,99	32	28-31	2001	
TN	0666 Hazelnuts	0.2			CXL	94	28		1997	
MM	0096 Meat of cattle, goats, horses, pigs & sheep	0.1	(*)		CXL	94	28		1997	
ML	0107 Milk of cattle, goats & sheep	0.05	(*)		CXL	94	28		1997	
VO	0051 Peppers	5			CXL	99	33	28-31	2001	
HS	0444 Peppers Chili, dried	50			CXL	04	38	37	2006	
FI	0353 Pineapple	2			CXL	99	33	28-31	2001	
PM	0110 Poultry meat	0.1	(*)		CXL	94	28		1997	
PO	0111 Poultry, Edible offal of	0.2	(*)		CXL	94	28		1997	
GC	0650 Rye	1			CXL	94	29	28	1997	
AS	0650 Rye straw and fodder, Dry	5			CXL	94	29	28	1997	
VO	0448 Tomato	2			CXL	94,99	33	28-31	2001	
TN	0678 Walnuts	0.5			CXL	94	28		1997	
GC	0654 Wheat	1			CXL	94	28		1997	
AS	0654 Wheat straw and fodder, Dry	5			CXL	94	28		1997	

**109 Fenbutatin Oxide**

Main Uses: Acaricide

JMPR: 77, 79R, 92T, 93R'

ADI: 0.03 mg/kg body weight (1977; confirmed 1992)

Acute RfD: N/A

Residue: Fenbutatin oxide

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660	Almonds			CXL					1995
FI	0327	Banana			CXL		28			1997
FS	0013	Cherries			CXL		28			1997
PM	0840	Chicken meat		(*)	CXL					1995
PO	0840	Chicken, Edible offal of		(*)	CXL					1995
FC	0001	Citrus fruits			CXL					1995
As	0001	Citrus pulp, Dry			CXL					1995
VC	0424	Cucumber			CXL					1995
MO	0105	Edible offal (mammalian)			CXL		28			1997
PE	0112	Eggs			CXL					1995
AB	0269	Grape pomace, Dry			CXL					1995
FB	0269	Grapes			CXL					1995
MM	0095	Meat (from mammals other than marine mammals)		(*)	CXL					1995
ML	0106	Milks		(*)	CXL					1995
FS	0247	Peach			CXL					1995
TN	0672	Pecan			CXL					1995
FS	0014	Plums (including prunes)			CXL					
FP	0009	Pome fruits			CXL					1995
DF	0014	Prunes			CXL		28			1997
DF	5263	Raisins (seedless white grape var., partially dried)			CXL		28			1997
FB	0275	Strawberry			CXL					1995
VO	0448	Tomato			CXL					1995
TN	0678	Walnuts			CXL		28			1997

**110 Imazalil**

Main Uses: Fungicide

JMPR: 77, 80, 84, 85, 86T, 88R, 89R, 91T, 94R, 00T', 01T, 05T

ADI: 0.03 mg/kg body weight (1991; confirmed 2000, 2001)

Acute RfD: 0.05 mg/kg body weight (2005)

Residue: Imazalil

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	2	Po		CXL					
FC	0001 Citrus fruits	5	Po		CXL					
VC	0424 Cucumber	0.5			CXL					
VC	0425 Gherkin	0.5			CXL					
VC	0046 Melons, except watermelon	2	Po		CXL	94	28		1997	
FT	0307 Persimmon, Japanese	2	Po		CXL					
FP	0009 Pome fruits	5	Po		CXL				1991	
VR	0589 Potato	5	Po		CXL					
FB	0272 Raspberries, Red, Black	2			CXL					
FB	0275 Strawberry	2			CXL					
GC	0654 Wheat	0.01	(*)		CXL					
AS	0654 Wheat straw and fodder, Dry	0.1			CXL					

**111 Iprodione**

Main Uses: Fungicide

JMPR: 77, 80R, 92T, 94R', 95T, 01R'

ADI: 0.06 mg/kg body weight (1995)

Acute RfD: N/A

Residue: Iprodione

Note: Acute RfD may be necessary but has not been established (2001 JMPR)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660 Almonds	0.2			CXL	94	28			1997
GC	0640 Barley	2			CXL	94	28			1997
VD	0071 Beans (dry)	0.1			CXL		28			1997
FB	0264 Blackberries	30			CXL	94	29	28		1997
VB	0400 Broccoli	25			CXL	94	28			1997
VR	0577 Carrot	10	Po		CXL	94	29	28		1997
FS	0013 Cherries	10			CXL	94	29	28		1997
VP	0526 Common bean (pods and/or immature seeds)	2			CXL	94	29	28		1997
VC	0424 Cucumber	2			CXL	94	28			1997
FB	0269 Grapes	10			CXL	94				
FI	0341 Kiwifruit	5			CXL	94				
VL	0482 Lettuce, Head	10			CXL	94				
VL	0483 Lettuce, Leaf	25			CXL	94	28			1997
VA	0385 Onion, Bulb	0.2			CXL	94	28			1997
FS	0247 Peach	10			CXL	94	28			1997
FP	0009 Pome fruits	5	Po		CXL	94	28			1997
SO	0495 Rape seed	0.5			CXL	94	28			1997
FB	0272 Raspberries, Red, Black	30			CXL	94	28			1997
CM	0649 Rice, Husked	10			CXL	94	29	28		1997
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		37			2005
HS	0190 Spices, Seeds	0.05	(*)		CXL		37			2005
FB	0275 Strawberry	10			CXL	94				
VR	0596 Sugar beet	0.1	(*)		CXL	94	28			1997
SO	0702 Sunflower seed	0.5			CXL	94				
VO	0448 Tomato	5			CXL		31			1999
VS	0469 Witloof chicory (sprouts)	1			CXL	94				

**112 Phorate**

Main Uses: Insecticide

JMPR: 1977(TR), 1982(T), 1983(T), 1984(R), 1985(T), 1990(R), 1991(R), 1992(R), 1993(T), 1994(T), 1996(T), 2004(T), 2005(R), 2012(R)

ADI: 0-0.0007 mg/kg body weight (2004)

Acute RfD: 0.003 mg/kg body weight (2004)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Sum of the parent, its oxygen analogue, and their sulfoxides and sulfones, expressed as phorate

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0071 Beans (dry)	0.05 (*)			CXL	05	38		2006	
SB	0716 Coffee beans	0.05 (*)			CXL	05	38		2006	
VP	0526 Common bean (pods and/or immature seeds)	0.05 (*)			CXL	05	38		2006	
SO	0691 Cotton seed	0.05 (*)			CXL	05	38		2006	
MO	0105 Edible offal (mammalian)	0.02 (*)			CXL	05	38		2006	
PE	0112 Eggs	0.05 (*)			CXL	05	38		2006	
GC	0645 Maize	0.05 (*)			CXL	05	38		2006	
CF	1255 Maize flour	0.05			CXL	05	38		2006	
OC	0645 Maize oil, Crude	0.1			CXL	05	38		2006	
OR	0645 Maize oil, Edible	0.02			CXL	05	38		2006	
MM	0095 Meat (from mammals other than marine mammals)	0.02 (*)			CXL	05	38		2006	
ML	0106 Milks	0.01 (*)			CXL	05	38		2006	
VR	0589 Potato	0.3			CXL	12	45		2013	
PM	0110 Poultry meat	0.05 (*)			CXL	05	38		2006	
GC	0651 Sorghum	0.05 (*)			CXL	05	38		2006	
VD	0541 Soya bean (dry)	0.05 (*)			CXL	05	38		2006	
HS	0191 Spices, Fruits and Berries	0.1 (*)			CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	0.1 (*)			CXL		37		2005	
HS	0190 Spices, Seeds	0.5			CXL		37		2005	
VR	0596 Sugar beet	0.05 (*)			CXL	05	38		2006	

**113 Propargite**

Main Uses: Acaricide

JMPR: 77, 78R, 79R, 80, 82, 99T', 02R', 06R

ADI: 0.01 mg/kg body weight (1999)

Acute RfD: Unnecessary (1999). Confirmed 2006.

Residue: For compliance with MRLs and for estimation of dietary intake: Propargite. This definition applies to both plant and animal commodities.

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	50			CXL	02	36	35	2004	
TN	0660 Almonds	0.1		(*)	CXL	02	36	35	2004	
FP	0226 Apple	3			CXL	02	36	35	2004	
JF	0226 Apple juice	0.2			CXL	02	36	35	2004	
VD	0071 Beans (dry)	0.3			CXL	06	39		2007	
VD	0523 Broad bean (dry)	0.3			CXL	06	39		2007	
VD	0524 Chick-pea (dry)	0.3			CXL	06	39		2007	
FC	0001 Citrus fruits	3			CXL	02	36	35	2004	
As	0001 Citrus pulp, Dry	10			CXL	02	36	35	2004	
SO	0691 Cotton seed	0.1			CXL	02	36	35	2004	
OR	0691 Cotton seed oil, Edible	0.2			CXL	02	36	35	2004	
DF	0269 Dried grapes (=currants, raisins and sultanas)	12			CXL	02	36	35	2004	
MO	0105 Edible offal (mammalian)	0.1		(*)	CXL	02	36	35	2004	
PE	0112 Eggs	0.1		(*)	CXL	02	36	35	2004	
JF	0269 Grape juice	1			CXL	02	36	35	2004	
AB	0269 Grape pomace, Dry	40			CXL	02				
FB	0269 Grapes	7			CXL	02	36	35	2004	
DH	1100 Hops, Dry	100			CXL	02	36	35	2004	
VD	0545 Lipin (dry)	0.3			CXL	06	39		2007	
GC	0645 Maize	0.1		(*)	CXL	02				
CF	1255 Maize flour	0.2			CXL	02	36	35	2004	
OC	0645 Maize oil, Crude	0.7			CXL	02	36	35	2004	
OR	0645 Maize oil, Edible	0.5			CXL	02	36	35	2004	
MM	0095 Meat (from mammals other than marine mammals)	0.1		(*) (fat)	CXL	02	36	35	2004	
ML	0106 Milks	0.1		(*) F	CXL	02	36	35	2004	
JF	0004 Orange juice	0.3			CXL	02	36	35	2004	
SO	0697 Peanut	0.1		(*)	CXL	02				
OC	0697 Peanut oil, Crude	0.3			CXL	02	36	35	2004	
OR	0697 Peanut oil, Edible	0.3			CXL	02	36	35	2004	
VR	0589 Potato	0.03			CXL	06	39		2007	
PM	0110 Poultry meat	0.1		(*) (fat)	CXL	02	36	35	2004	
PO	0111 Poultry, Edible offal of	0.1		(*)	CXL	02	36	35	2004	
FS	0012 Stone fruits	4			CXL	02	36	35	2004	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL	02	36	35	2004	
VO	0448	Tomato			CXL	02				
TN	0678	Walnuts			CXL	06	39		2007	

**115 Tecnazene**

Main Uses: Fungicide

JMPR: 74, 78, 81R, 83T, 87R, 89R, 94

ADI: 0.02 mg/kg body weight (1994)

Acute RfD: N/A

Residue: Tecnazene

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589 Potato	20 Po		Washed before analysis	CXL	94	28		1997	

**116 Triforine**

Main Uses: Fungicide

JMPR: 77T, 78, 97T' (04R')

ADI: 0.02 mg/kg body weight (1978; confirmed 1997)

Acute RfD: N/A

Residue: Determined as chloral hydrate and expressed as triforine

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	2			CXL					
FB	0020 Blueberries	1			CXL					
VB	0402 Brussels sprouts	0.2			CXL					
GC	0080 Cereal grains	0.1			CXL					
FS	0013 Cherries	2			CXL					
VP	0526 Common bean (pods and/or immature seeds)	1			CXL					
FB	0021 Currants, Black, Red, White	1			CXL					
VC	0045 Fruiting vegetables, Cucurbits	0.5			CXL					
FB	0268 Gooseberry	1			CXL					
FS	0247 Peach	5	Po		CXL					
FS	0014 Plums (including prunes)	2			CXL					
FB	0275 Strawberry	1			CXL					
VO	0448 Tomato	0.5			CXL					

**117 Aldicarb**

Main Uses: Insecticide

JMPR: 79, 82, 85R, 88R, 90R, 92T, 93R, 94R', 95T, 96R, 01R, 02R', 06R

ADI: 0.003 mg/kg body weight (1992)

Acute RfD: 0.003 mg/kg body weight (1995)

Residue: Plant commodities: Sum of aldicarb, aldicarb sulphoxide and aldicarb sulphone, expressed as aldicarb.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley			CXL	94	28		1997	
AS	0640	Barley straw and fodder, Dry			CXL	94	28		1997	
VD	0071	Beans (dry)			CXL	94				
VB	0402	Brussels sprouts			CXL	93,94	28		1997	
FC	0001	Citrus fruits			CXL	94				
SB	0716	Coffee beans			CXL	94				
SO	0691	Cotton seed			CXL	94				
OR	0691	Cotton seed oil, Edible		(*)	CXL	94	28		1997	
FB	0269	Grapes			CXL	94	28		1997	
GC	0645	Maize			CXL	94				
AS	0645	Maize fodder (dry)			CXL	94	28		1997	
MM	0095	Meat (from mammals other than marine mammals)		(*)	CXL	94				
ML	0106	Milks		(*)	CXL	94				
VA	0385	Onion, Bulb			CXL	94	28		1997	
SO	0697	Peanut			CXL	94	28		1997	
OR	0697	Peanut oil, Edible		(*)	CXL	94	28		1997	
TN	0672	Pecan			CXL	94	28		1997	
GC	0651	Sorghum			CXL	94	28		1997	
AS	0651	Sorghum straw and fodder, Dry			CXL	94				
VD	0541	Soya bean (dry)		(*)	CXL	94				
HS	0191	Spices, Fruits and Berries			CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2011	
VR	0596	Sugar beet		(*)	CXL	94				
GS	0659	Sugar cane			CXL	94	28		1997	
SO	0702	Sunflower seed		(*)	CXL	94	28		1997	
VR	0508	Sweet potato			CXL	94				
GC	0654	Wheat			CXL	94	28		1997	
AS	0654	Wheat straw and fodder, Dry			CXL	94	28		1997	

**118 Cypermethrins (including alpha- and zeta- cypermethrin)**

Main Uses: Insecticide

JMPR: 79, 81, 82R, 83R, 84R, 85R, 86R, 88R, 90R (04R'), 06T

ADI: 0-0.02 mg/kg body weight 2011

Acute RfD: 0.04 mg/kg body weight. Group ARfD (JMPR 2009) (2011)

Residue: For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: Cypermethrin (sum of isomers)

The residue is fat soluble

Note: Source of data supporting the proposed MRLs: a: alpha-cypermethrin. c: cypermethrin. z: zeta-cypermethrin. Capital letters show the source of data responsible for the MRL estimate. Small letters show the sources of other data for that commodity.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	30			CXL	08	41		2009	
VS 0620	Artichoke, Globe	0.1			CXL	08	41		2009	
VS 0621	Asparagus	0.4			CXL	11	44		2012	
GC 0640	Barley	2	Po		CXL	09	42		2010	
AL 0061	Bean fodder	2			CXL	08	41		2009	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1			CXL	08	41		2009	
FT 0289	Carambola	0.2			CXL	08	41		2009	
GC 0080	Cereal grains	0.3	Acz	(except rice barley, oats, rye and wheat)	CXL	09	09		42	2010
FC 0001	Citrus fruits	0.3	a,Z	(excluding shaddocks or pomelos and kumquats)	CXL	11	45	44	2013	
SB 0716	Coffee beans	0.05	(*)		CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.5			CXL	08	41		2009	
FI 0334	Durian	1			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.05	(*)	The MRL accommodates external animal treatment	CXL	08	41		2009	
VO 0440	Egg plant	0.03			CXL	08	41		2009	
PE 0112	Eggs	0.01	(*)		CXL	11	44		2012	
VC 0045	Fruiting vegetables, Cucurbits	0.07			CXL	08	41		2009	
FB 0269	Grapes	0.2			CXL	08	41		2009	
VL 0053	Leafy vegetables	0.7			CXL	08	41		2009	
VA 0384	Leek	0.05			CXL	08	41		2009	
VP 0060	Legume vegetables	0.7			CXL	08	41		2009	
FI 0343	Litchi	2			CXL	08	41		2009	
FI 0342	Longan	1			CXL	08	41		2009	
FI 0345	Mango	0.7			CXL	08	41		2009	

## Part 1 - 83

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
MM	0095	Meat (from mammals other than marine mammals)	2	(fat)		The MRL accommodates external animal treatment	CXL	08	41		2009
FM	0183	Milk fats	0.5				CXL	08	41		2009
ML	0106	Milks	0.05			The MRL accommodates external animal treatment	CXL	08	41		2009
GC	0647	Oats	2	Po	C		CXL	09	42		2010
SO	0088	Oilseed	0.1				CXL	08	41		2009
VO	0442	Okra	0.5				CXL	08	41		2009
OR	0305	Olive oil, Refined	0.5				CXL	08	41		2009
OC	0305	Olive oil, Virgin	0.5				CXL	08	41		2009
FT	0305	Olives	0.05	(*)			CXL	08	41		2009
VA	0385	Onion, Bulb	0.01	(*)			CXL	08	41		2009
FI	0350	Papaya	0.5				CXL	08	41		2009
AL	0072	Pea hay or pea fodder (dry)	2				CXL	08	41		2009
VO	0444	Peppers Chili	2				CXL	08	41		2009
HS	0444	Peppers Chili, dried	10				CXL	08	41		2009
VO	0445	Peppers, Sweet (including pimento or pimienta)	0.1				CXL	08	41		2009
FP	0009	Pome fruits	0.7				CXL	08	41		2009
PF	0111	Poultry fats	0.1				CXL	11	44		2012
PM	0110	Poultry meat	0.1	(fat)			CXL	11	44		2012
PO	0111	Poultry, Edible offal of	0.05	(*)			CXL	11	44		2012
VD	0070	Pulses	0.05	(*)			CXL	08	41		2009
GC	0649	Rice	2				CXL	08	41		2009
VR	0075	Root and tuber vegetables	0.01	(*)		(except sugar beet)	CXL	08	41		2009
GC	0650	Rye	2	Po	C		CXL	09	42		2010
FC	0005	Shaddocks or pomelos	0.5		a,C,z		CXL	11	44		2012
HS	0191	Spices, Fruits and Berries	0.5				CXL		43		2011
HS	0193	Spices, Roots and Rhizomes	0.2				CXL		37		2005
FS	0012	Stone fruits	2				CXL	08	41		2009
AS	0081	Straw and fodder (dry) of cereal grains	10				CXL	08	41		2009
FB	0275	Strawberry	0.07				CXL	08	41		2009
VR	0596	Sugar beet	0.1				CXL	08	41		2009
GS	0659	Sugar cane	0.2				CXL	08	41		2009
VO	0447	Sweet corn (corn-on-the-cob)	0.05	(*)			CXL	08	41		2009
DT	1114	Tea, Green, Black (black, fermented and dried)	15		C		CXL	11	44		2012

Part 1 - 84

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0448	Tomato	0.2			CXL	08	41		2009	
TN 0085	Tree nuts	0.05 (*)	a,Z		CXL	11	44		2012	
GC 0654	Wheat	2	Po	C	CXL	09	42		2010	
CM 0654	Wheat bran, Unprocessed	5	PoP	C	CXL	09	42		2010	

**119 Fenvalerate**

Main Uses: Insecticide

JMPR: 1979(TR), 1981(TR), 1982(T), 1984(TR), 1985(R), 1986(TR), 1987(R), 1988(R), 1990(R), 1991 (corr.1990R), 2012(TR)

ADI: 0-0.02 mg/kg body weight (1986). In 2012 JMPR reaffirmed the ADI established in 1986.

Acute RfD: 0.2 mg/kg body weight (2012)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Sum of fenvalerate isomers

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0401	Broccoli, Chinese	3		CXL	12	45		2013	
MO	0105	Edible offal (mammalian)	0.02		CXL					Withdrawal recommended (JMPR 2012). CCPR agreed to revoke all existing CXLs except those for spices, fruits and berries; spices, roots and rhizomes and also those for edible offal (mammalian); meat and milks (to support the use of esfenvalerate on animal feed commodities) (45:29).
FI	0345	Mango	1.5		CXL	12	45		2013	
MM	0095	Meat (from mammals other than marine mammals)	1	(fat)	CXL					Withdrawal recommended (JMPR 2012). CCPR agreed to revoke all existing CXLs except those for spices, fruits and berries; spices, roots and rhizomes and also those for edible offal (mammalian); meat and milks (to support the use of esfenvalerate on animal feed commodities) (45:29).
ML	0106	Milks	0.1	F	CXL					Withdrawal recommended (JMPR 2012). CCPR agreed to revoke all existing CXLs except those for spices, fruits and berries; spices, roots and rhizomes and also those for edible offal (mammalian); meat and milks (to support the use of esfenvalerate on animal feed commodities) (45:29).
HS	0191	Spices, Fruits and Berries	0.03		CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes	0.05		CXL		43		2011	



**120 Permethrin**

Main Uses: Insecticide

JMPR: 79, 80R, 81, 82R, 83R, 84R, 85R, 86, 87T, 88R, 89R, 91R, 99T'

ADI: 0.05 mg/kg body weight (1987; confirmed 1999)

Acute RfD: Unnecessary (1999)

Residue: Permethrin (sum of isomers) (fat-soluble). ADI applies to technical grade permethrin with cis:trans ratios of 25:75 to 40:60

Note: Permethrin was reviewed by the 54th JECFA (February 2000) but as a different formulation (cis:trans ratio of 80:20) was used for veterinary applications, it did not make any proposals on ADI or MRLs

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	100	dry wt		CXL					
TN	0660 Almonds	0.1			CXL					
AB	0226 Apple pomace, dry	50			CXL					
VS	0621 Asparagus	1			CXL					
VD	0071 Beans (dry)	0.1			CXL					
FB	0264 Blackberries	1			CXL					
VB	0400 Broccoli	2			CXL					
VB	0402 Brussels sprouts	1			CXL					
VB	0403 Cabbage, Savoy	5			CXL					
VB	0041 Cabbages, Head	5			CXL					
VR	0577 Carrot	0.1			CXL					
VB	0404 Cauliflower	0.5			CXL					
VS	0624 Celery	2			CXL					
GC	0080 Cereal grains	2	Po		CXL					
VL	0467 Chinese cabbage (type pe-tsai)	5			CXL					
FC	0001 Citrus fruits	0.5			CXL					
SB	0716 Coffee beans	0.05	(*)		CXL					
VP	0526 Common bean (pods and/or immature seeds)	1			CXL					
SO	0691 Cotton seed	0.5			CXL					
OR	0691 Cotton seed oil, Edible	0.1			CXL					
VC	0424 Cucumber	0.5			CXL					
FB	0021 Currants, Black, Red, White	2			CXL					
FB	0266 Dewberries (including boysenberry and loganberry)	1			CXL					
MO	0105 Edible offal (mammalian)	0.1		The MRL accommodates external animal treatment	CXL					
VO	0440 Egg plant	1			CXL					
PE	0112 Eggs	0.1			CXL					
VC	0425 Gherkin	0.5			CXL					

## Part 1 - 87

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0268	Gooseberry								
FB	0269	Grapes								
DH	1100	Hops, Dry								
VR	0583	Horseradish								
VL	0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)								
FI	0341	Kiwifruit								
VB	0405	Kohlrabi								
VA	0384	Leek								
VL	0482	Lettuce, Head								
AS	0645	Maize fodder (dry)	dry wt							
MM	0095	Meat (from mammals other than marine mammals)	(fat)	The MRL accommodates external animal treatment						
VC	0046	Melons, except watermelon								
ML	0106	Milks	F							
VO	0450	Mushrooms								
FT	0305	Olives								
SO	0697	Peanut								
VP	0064	Peas, Shelled (succulent seeds)								
VO	0051	Peppers								
HS	0444	Peppers Chili, dried				04	38	37	2006	
TN	0675	Pistachio nuts		(*)						
FP	0009	Pome fruits								
VR	0589	Potato		(*)						
PM	0110	Poultry meat								
VR	0591	Radish, Japanese								
SO	0495	Rape seed		(*)						
FB	0272	Raspberries, Red, Black								
AS	0651	Sorghum straw and fodder, Dry								
VD	0541	Soya bean (dry)		(*)						
AL	0541	Soya bean fodder	dry wt							
OC	0541	Soya bean oil, Crude								
HS	0093	Spices		(*)			37		2005	
VL	0502	Spinach								
VA	0389	Spring Onion								
VC	0431	Squash, summer								
FS	0012	Stone fruits								
FB	0275	Strawberry								
VR	0596	Sugar beet		(*)						



**122 Amitraz**

Main Uses: Insecticide

JMPR: 80, 83R, 84, 85R, 86R, 89R, 90, 98T (03R)

ADI: 0.01 mg/kg body weight (1998)

Acute RfD: 0.01 mg/kg body weight (1998)

Residue: Sum of amitraz and N-(2,4-dimethylphenyl)-N'-methylformamidine calculated as N-(2,4-dimethylphenyl)-N'-methylformamidine

Note: Previous ADI 0.003 mg/kg bw (1984, confirmed 1990)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0812 Cattle meat	0.05		The MRL accommodates external animal treatment	CXL					
FS	0013 Cherries	0.5			CXL					
SO	0691 Cotton seed	0.5			CXL					
OC	0691 Cotton seed oil, Crude	0.05			CXL					
VC	0424 Cucumber	0.5			CXL					
MO	0097 Edible offal of cattle, pigs & sheep	0.2		The MRL accommodates external animal treatment	CXL					
ML	0106 Milks	0.01 (*)		The MRL accommodates external animal treatment	CXL					
FC	0004 Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.5			CXL					
FS	0247 Peach	0.5			CXL					
MM	0818 Pig meat	0.05		The MRL accommodates external animal treatment	CXL					
FP	0009 Pome fruits	0.5			CXL					
MM	0822 Sheep meat	0.1		The MRL accommodates external animal treatment	CXL					
VO	0448 Tomato	0.5			CXL				1991	

**126 Oxamyl**

Main Uses: Insecticide

JMPR: 80, 83R, 84T, 85, 86R, 02T'

ADI: 0.009 mg/kg body weight (2002)

Acute RfD: 0.009 mg/kg body weight (2002)

Residue: Sum of oxamyl and oxamyl oxime expressed as oxamyl

Note: Previous ADI, 0.3 mg/kg-bw (1984). The Committee noted that 2008 JMPR could not recommend MRLs based on alternative GAP as the new data were residues of the parent compound only while the current residue definition included the Oxime metabolite.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0577	Carrot			CXL	02	36	35	2004	
FC	0001	Citrus fruits			CXL	02				
FC	0001	Citrus fruits			7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
SO	0691	Cotton seed			CXL	02				
VC	0424	Cucumber			CXL	02				
VC	0424	Cucumber			7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
MO	0096	Edible offal of cattle, goats, horses, pigs & sheep			CXL	02	36	35	2004	
PE	0112	Eggs			CXL	02	36	35	2004	
MM	0095	Meat (from mammals other than marine mammals)			CXL	02	36	35	2004	
VC	0046	Melons, except watermelon			CXL	02				
VC	0046	Melons, except watermelon			7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
ML	0106	Milks			CXL	02	36	35	2004	
SO	0697	Peanut			CXL	02	36	35	2004	
AL	0697	Peanut fodder			CXL	02	36	35	2004	

## Part 1 - 91

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO	0051	Peppers			7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32) To be replaced by the MRL for peppers (2002 JMPR)
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL					
VR	0589	Potato			CXL	02	36	35	2004	
PM	0110	Poultry meat			CXL	02	36	35	2004	
PO	0111	Poultry, Edible offal of			CXL	02	36	35	2004	
HS	0191	Spices, Fruits and Berries			CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2011	
VO	0448	Tomato			CXL					

**128 Phenthoate**

Main Uses: Insecticide

JMPR: 80, 81R, 84T

ADI: 0.003 mg/kg body weight (1984)

Acute RfD: N/A

Residue: Phenthoate (fat-soluble)

Note: All CXLs revoked at the 23rd CAC

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0190	Spices, Seeds	7			CXL		37		2005	

**129 Azocyclotin**

Main Uses: Acaricide

JMPR: 79R, 81T, 82R, 83R, 85R, 89, 91R, 94T, 03T, 05R'

ADI: 0-0.003 mg/kg body weight (1994; Group ADI 2005)

Acute RfD: 0.02 mg/kg body weight. Group ARfD for woman of child-bearing age and unnecessary for the rest of the population (2005)

Residue: For compliance with MRLs and estimation of dietary intake in plant and animal commodities: Cyhexatin

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple			CXL	05	38		2006	
FB	0021	Currants, Black, Red, White			CXL	05	38		2006	
FB	0269	Grapes			CXL	05	38		2006	
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.2		CXL	05	38		2006	
FP	0230	Pear	0.2		CXL	05	38		2006	



**130 Diflubenzuron**

Main Uses: Insecticide

JMPR: 1981(TR), 1983(R), 1984(TR), 1985(TR), 1988(R), 2001(T), 2002(R), 2011(R)

ADI: 0-0.02 mg/kg body weight (1985). In 2001 JMPR re-confirmed the ADI established in 1985.

Acute RfD: Unnecessary (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Diflubenzuron

The residue is fat soluble

Note: The 2002 JMPR changed the residue definition (previously diflubenzuron)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.05 (*)			CXL	11	45	44	2013	
FC	0001 Citrus fruits	0.5			CXL	02	36	35	2004	
MO	0105 Edible offal (mammalian)	0.1 (*)			CXL	02	36	35	2004	
PE	0112 Eggs	0.05 (*)			CXL	02				
AS	0162 Hay or fodder (dry) of grasses	3			CXL	11	45	44	2013	
MM	0095 Meat (from mammals other than marine mammals)	0.1 (fat)			CXL	02	36	35	2004	
ML	0106 Milks	0.02 (*) F			CXL	02	36	35	2004	
VO	0450 Mushrooms	0.3			CXL	02	36	35	2004	
VL	0485 Mustard greens	10			CXL	11	45	44	2013	
FS	0245 Nectarine	0.5			CXL	11	45	44	2013	
GC	0647 Oats	0.05 (*)			CXL	11	45	44	2013	
FS	0247 Peach	0.5			CXL	11	45	44	2013	
SO	0697 Peanut	0.1			CXL	11	45	44	2013	
AL	0697 Peanut fodder	40			CXL	11	45	44	2013	
VO	0444 Peppers Chili	3			CXL	11	45	44	2013	
HS	0444 Peppers Chili, dried	20			CXL	11	45	44	2013	
VO	0445 Peppers, Sweet (including Pimento or pimiento)	0.7			CXL	11	45	44	2013	
FS	0014 Plums (including prunes)	0.5			CXL	11	45	44	2013	
FP	0009 Pome fruits	5			CXL	02	36	35	2004	
PM	0110 Poultry meat	0.05 (*) (fat)			CXL	02	36	35	2004	
GC	0649 Rice	0.01 (*)			CXL	02	36	35	2004	
AS	0649 Rice straw and fodder, Dry	0.7			CXL	02	36	35	2004	
AS	0081 Straw and fodder (dry) of cereal grains	1.5			CXL	11	45	44	2013	
TN	0085 Tree nuts	0.2			CXL	11	45	44	2013	
GC	0653 Triticale	0.05 (*)			CXL	11	45	44	2013	
GC	0654 Wheat	0.05 (*)			CXL	11	45	44	2013	

**132 Methiocarb**

Main Uses: Insecticide

JMPR: 81, 83, 84T, 85T, 86R, 87, 88R, 98T, 99R, 05R'

ADI: 0-0.02 mg/kg body weight (1998; confirmed 2005)

Acute RfD: 0.02 mg/kg body weight (2005)

Residue: For compliance with MRLs and for estimation of dietary intake in plant commodities: The sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb

Note: Previous ADI 0.001 mg/kg bw (1981; confirmed 1987)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620 Artichoke, Globe	0.05 (*)			CXL	05	38		2006	
GC	0640 Barley	0.05 (*)			CXL	05	38		2006	
AS	0640 Barley straw and fodder, Dry	0.05			CXL	05	38		2006	
VB	0402 Brussels sprouts	0.05 (*)			CXL	05	38		2006	
VB	0041 Cabbages, Head	0.1			CXL	05	38		2006	
VB	0404 Cauliflower	0.1			CXL	05	38		2006	
TN	0666 Hazelnuts	0.05 (*)			CXL	05	38		2006	
VA	0384 Leek	0.5			CXL	05	38		2006	
VL	0482 Lettuce, Head	0.05 (*)			CXL	05	38		2006	
GC	0645 Maize	0.05 (*)			CXL	05	38		2006	
VC	0046 Melons, except watermelon	0.2			CXL	05	38		2006	
VA	0385 Onion, Bulb	0.5			CXL	05	38		2006	
AL	0072 Pea hay or pea fodder (dry)	0.5			CXL	05	38		2006	
VD	0072 Peas (dry)	0.1			CXL	05	38		2006	
VP	0063 Peas (pods and succulent=immature seeds)	0.1			CXL	05	38		2006	
VO	0445 Peppers, Sweet (including pimento or pimienta)	2			CXL	05	38		2006	
VR	0589 Potato	0.05 (*)			CXL	05	38		2006	
SO	0495 Rape seed	0.05 (*)			CXL	05	38		2006	
HS	0191 Spices, Fruits and Berries	0.07			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		43		2005	
FB	0275 Strawberry	1			CXL	99	34	33	2003	
VR	0596 Sugar beet	0.05 (*)			CXL	05	38		2006	
SO	0702 Sunflower seed	0.05 (*)			CXL	05	38		2006	
GC	0654 Wheat	0.05 (*)			CXL	05	38		2006	
AS	0654 Wheat straw and fodder, Dry	0.05			CXL	05	38		2006	

**133 Triadimefon**

Main Uses: Fungicide

JMPR: 79R, 81, 83, 84R, 85, 86R, 88R, 89R, 92R, 95R, 04', 07R

ADI: 0-0.03 mg/kg body weight (1985)

Acute RfD: 0.08 mg/kg body weight (2004)

Residue: For compliance with MRLs and estimation of dietary intake: Sum of triadimefon and triadimenol

The residue is fat soluble

Note: 1992 JMPR changed definition of residue. Previous MRLs referred to the sum of triadimefon and triadimenol. The Committee agreed to retain the draft MRL for grapes at Step 7 due to intake concerns expressed by the EC and await to the outcome of 2009 JMPR evaluation (41-98).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3		Based on triadimenol use only	CXL	07	40		2008	
VS 0620	Artichoke, Globe	0.7		Based on triadimenol use only	CXL	07	40		2008	
FI 0327	Banana	1		Based on triadimenol use only	CXL	07	41	40	2009	
GC 0080	Cereal grains	0.2		Except maize and rice. Based on triadimefon and triadimenol uses	CXL	07	40		2008	
SB 0716	Coffee beans	0.5		Based on triadimenol use only	CXL	07	40		2008	
FB 0021	Currants, Black, Red, White	0.7		Based on triadimenol use only	CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	10		Based on triadimefon and triadimenol uses	CXL	07	41	40	2009	
MO 0105	Edible offal (mammalian)	0.01	(*)	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
PE 0112	Eggs	0.01	(*)	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
VO 0050	Fruiting vegetables other than cucurbits	1		Except fungi and sweet corn. Based on triadimefon and triadimenol uses.	CXL	07	41	40	2009	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0045	Fruiting vegetables, Cucurbits	0.2		Based on triadimenol use only	CXL	07	41	40	2009
MM	0095	Meat (from mammals other than marine mammals)	0.02		Based on triadimefon and triadimenol uses	CXL	07	40		2008
ML	0106	Milks	0.01	(*)	Based on triadimefon and triadimenol uses	CXL	07	40		2008
HS	0444	Peppers Chili, dried	5		Based on triadimefon and triadimenol uses	CXL	07	40		2008
FI	0353	Pineapple	5	Po	Based on triadimenol use only	CXL	07	40		2008
PM	0110	Poultry meat	0.01	(*)	Based on triadimefon and triadimenol uses	CXL	07	40		2008
PO	0111	Poultry, Edible offal of	0.01	(*)	Based on triadimefon and triadimenol uses	CXL	07	40		2008
AS	0081	Straw and fodder (dry) of cereal grains	5		Except maize. Based on triadimefon and triadimenol uses	CXL	07	40		2008
FB	0275	Strawberry	0.7		Based on triadimenol use only	CXL	07	40		2008
VR	0596	Sugar beet	0.05	(*)	Based on triadimenol use only	CXL	07	40		2008
AV	0596	Sugar beet leaves or tops(dry)	2				07			

**135 Deltamethrin**

Main Uses: Insecticide

JMPR: 80, 81, 82, 84R, 85R, 86R, 87R, 88R, 90R, 92R, 00T', 02R'

ADI: 0.01 mg/kg body weight (1982; confirmed 2000)

Acute RfD: 0.05 mg/kg body weight (2000)

Residue: Sum of deltamethrin, alpha-R- and trans-deltamethrin (1R-[1alpha(R\*),3alpha]]-3-(2,2-dibromoethenyl)-2,2-dimethyl-cyclopropanecarboxylic acid, cyano(3-phenoxyphenyl)methyl ester and [1R-[1alpha(S\*),3beta]]-3-(2,2-dibromoethenyl)-2,2-dimethyl-cyclopropanecarboxylic acid, cyano(3-phenoxyphenyl)methyl ester) (fat-soluble)

Note: The 2002 JMPR changed the residue definition (previously: deltamethrin (fat-soluble))

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	02	36	35	2004	
VR 0577	Carrot	0.02			CXL	02	36	35	2004	
GC 0080	Cereal grains	2	Po		CXL	02	36	35	2004	
FC 0001	Citrus fruits	0.02			CXL	02	36	35	2004	
PE 0112	Eggs	0.02		(*)	CXL	02	36	35	2004	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.1			CXL	02	36	35	2004	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL					
FB 0269	Grapes	0.2			CXL	02	36	35	2004	
TN 0666	Hazelnuts	0.02		(*)	CXL	02	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03		(*)	CXL	02	36	35	2004	
VL 0053	Leafy vegetables	2			CXL	02	38	36,37	2006	
VA 0384	Leek	0.2			CXL	02	36	35	2004	
VP 0060	Legume vegetables	0.2			CXL	02	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	0.03		(*)	CXL	02	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.5		(fat)	CXL	02				The MRL accommodates external animal treatment
ML 0106	Milks	0.05		F	CXL	02	36	35	2004	
VO 0450	Mushrooms	0.05		F	CXL	02	36	35	2004	
FS 0245	Nectarine	0.05			CXL	02	36	35	2004	
FT 0305	Olives	1			CXL	02	36	35	2004	
VA 0385	Onion, Bulb	0.05			CXL	02	36	35	2004	
FS 0247	Peach	0.05			CXL	02	36	35	2004	
FS 0014	Plums (including prunes)	0.05			CXL	02	36	35	2004	
VR 0589	Potato	0.01		(*)	CXL	02	36	35	2004	
PM 0110	Poultry meat	0.1		(fat)	CXL	02	36	35	2004	
PO 0111	Poultry, Edible offal of	0.02		(*)	CXL	02	36	35	2004	
VD 0070	Pulses	1		Po	CXL	02	36	35	2004	
VR 0494	Radish	0.01		(*)	CXL	02	36	35	2004	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0191	Spices, Fruits and Berries	0.03				43		2011	
HS	0193	Spices, Roots and Rhizomes	0.5				43		2011	
FB	0275	Strawberry	0.2			02	36	35	2004	
SO	0702	Sunflower seed	0.05	(*)		02	36	35	2004	
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)		02	36	35	2004	
DT	1114	Tea, Green, Black (black, fermented and dried)	5			02	36	35	2004	
VO	0448	Tomato	0.3			02	36	35	2004	
TN	0678	Walnuts	0.02	(*)		02	36	35	2004	
CM	0654	Wheat bran, Unprocessed	5		PoP	02			1995	
CF	1211	Wheat flour	0.3		PoP	02	36	35	2004	
CF	1212	Wheat wholemeal	2		PoP	02	36	35	2004	

**138 Metalaxyl**

Main Uses: Fungicide

JMPR: 82, 84R, 85R, 86R, 87R, 89R, 90R, 92R, 95R, 02T', 04R

ADI: 0.08 mg/kg body weight Group ADI for metalaxyl and metalaxyl-M (alone or in combination; 2002)

Acute RfD: Unnecessary (2002)

Residue: Metalaxyl

Note: Previous ADI, 0.03 mg/kg-bw for metalaxyl (1982). All MRLs to be revoked in 2008, superseded by metalaxyl-M.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0621	Asparagus	0.05	(*)	CXL					
FI	0326	Avocado	0.2		CXL					
VB	0400	Broccoli	0.5		CXL				1993	
VB	0402	Brussels sprouts	0.2		CXL				1991	
VB	0041	Cabbages, Head	0.5		CXL				1993	
SB	0715	Cacao beans	0.2		CXL				1991	
VR	0577	Carrot	0.05	(*)	CXL				1991	
VB	0404	Cauliflower	0.5		CXL				1993	
GC	0080	Cereal grains	0.05	(*)	CXL					
FC	0001	Citrus fruits	5	Po	CXL					
SO	0691	Cotton seed	0.05	(*)	CXL					
VC	0424	Cucumber	0.5		CXL				1991	
VC	0425	Gherkin	0.5		CXL				1991	
FB	0269	Grapes	1		CXL					
DH	1100	Hops, Dry	10		CXL					
VL	0482	Lettuce, Head	2		CXL				1995	
VC	0046	Melons, except watermelon	0.2		CXL					
VA	0385	Onion, Bulb	2		CXL				1995	
SO	0697	Peanut	0.1		CXL					
VP	0064	Peas, Shelled (succulent seeds)	0.05	(*)	CXL					
VO	0051	Peppers	1		CXL					
HS	0444	Peppers Chili, dried	10		CXL	04	38	37	2006	
FP	0009	Pome fruits	1	Po	CXL				1993	
VR	0589	Potato	0.05	(*)	CXL					
FB	0272	Raspberries, Red, Black	0.2		CXL				1991	
VD	0541	Soya bean (dry)	0.05	(*)	CXL					
HS	0190	Spices, Seeds	5		CXL		37		2005	
VL	0502	Spinach	2		CXL					
VC	0431	Squash, summer	0.2		CXL					
VR	0596	Sugar beet	0.05	(*)	CXL					
SO	0702	Sunflower seed	0.05	(*)	CXL					
VO	0448	Tomato	0.5		CXL					
VC	0432	Watermelon	0.2		CXL					
VC	0433	Winter squash	0.2		CXL					

**142 Prochloraz**

Main Uses: Fungicide

JMPR: 83, 85R, 87R, 88R, 89R, 90R, 92T, 01T, 04R,

ADI: 0-0.01 mg/kg body weight (1983; confirmed 2001)

Acute RfD: 0.1 mg/kg body weight (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sum of prochloraz and its metabolites containing the 2,4,6-trichlorophenol moiety, expressed as prochloraz

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0030 Assorted tropical and sub-tropical fruits - inedible peel	7	Po		CXL	04	37		2005	
GC	0080 Cereal grains	2			CXL	04	37		2005	
FC	0001 Citrus fruits	10	Po	(excluding kumquats)	CXL	04	45	37	2013	
MO	0105 Edible offal (mammalian)	10			CXL	04	37		2005	
PE	0112 Eggs	0.1			CXL	04	37		2005	
SO	0693 Linseed	0.05	(*)		CXL	04	37		2005	
MM	0095 Meat (from mammals other than marine mammals)	0.5	(fat)		CXL	04	37		2005	
ML	0106 Milks	0.05	(*)		CXL	04	37		2005	
VO	0450 Mushrooms	3			CXL	09	42		2010	
HS	0790 Pepper, Black; White	10			CXL	04	37		2005	
PM	0110 Poultry meat	0.05	(*)		CXL	04	37		2005	
PO	0111 Poultry, Edible offal of	0.2			CXL	04	37		2005	
SO	0495 Rape seed	0.7			CXL	04	37		2005	
AS	0081 Straw and fodder (dry) of cereal grains	40			CXL	04	37		2005	
SO	0702 Sunflower seed	0.5			CXL	04	37		2005	
OR	0702 Sunflower seed oil, Edible	1			CXL	04	37		2005	
CM	0654 Wheat bran, Unprocessed	7			CXL	04	37		2005	



**143 Triazophos**

Main Uses: Insecticide

JMPR: 1982(T), 1983(R), 1986(TR), 1990(R), 1991(T), 1992(R), 1993(TR), 2002(T), 2007(R), 2010(R), 2013(R)

ADI: 0-0.001 mg/kg body weight (2002)

Acute RfD: 0.001 mg/kg body weight (2002)

Residue: For compliance with the MRL and for estimation of dietary intake: Triazophos

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080 Cereal grains	0.05 (*)			CXL	07	40		1995	Withdrawal recommended (JMPR 2007). The Committee decided to retain the CXL for cereal grains for four years under the Periodic Review Procedure noting that the data will be submitted by China for 2010 JMPR evaluation (41-101).
SO	0691 Cotton seed	0.2			CXL	07	40		2008	
OC	0691 Cotton seed oil, Crude	1			CXL	07	40		2008	
CM	0649 Rice, Husked	2			4	10	46	43,44,45		Held at Step 4 due to short term intake concern. China informed that processing data for rice, husked would be submitted for the 2013 JMPR evaluation (43:45).
CM	0649 Rice, Husked	2			3	2013	46			
CM	1205 Rice, Polished	0.6			3	2013	46			
VP	0541 Soya bean (immature seeds)	0.5			CXL	10	43		2011	
VP	0546 Soya bean (young pod)	1			CXL	10	43		2011	
HS	0191 Spices, Fruits and Berries	0.07			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		43		2005	

**144 Bitertanol**

Main Uses: Fungicide

JMPR: 83T, 84R, 86R, 87T, 88R, 89R, 91R, 98T, 99R, 02R

ADI: 0.01 mg/kg body weight (1988, confirmed 1998)

Acute RfD: Unnecessary (1998)

Residue: Bitertanol (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0240	Apricot	1		CXL	02				
FI	0327	Banana	0.5		CXL	99				
GC	0640	Barley	0.05	(*)	CXL	99	33		2001	
AS	0640	Barley straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
FS	0013	Cherries	1		CXL	99	33		2001	
VC	0424	Cucumber	0.5		CXL	99				
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	99	33		2001	
PE	0112	Eggs	0.01	(*)	CXL	99	33		2001	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*) (fat)	CXL	99	33		2001	
ML	0106	Milks	0.05	(*)	CXL	99	33		2001	
FS	0245	Nectarine	1		CXL	99				
AS	0647	Oat straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
GC	0647	Oats	0.05	(*)	CXL	99	33		2001	
FS	0247	Peach	1		CXL	99				
FS	0014	Plums (including prunes)	2		CXL	99				
FP	0009	Pome fruits	2		CXL	99				
PM	0110	Poultry meat	0.01	(*)	CXL	99	33		2001	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	99	33		2001	
GC	0650	Rye	0.05	(*)	CXL	99	33		2001	
AS	0650	Rye straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
VO	0448	Tomato	3		CXL	99	34	33	2003	
GC	0653	Triticale	0.05	(*)	CXL	99	33		2001	
AS	0653	Triticale straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
GC	0654	Wheat	0.05	(*)	CXL	99	33		2001	
AS	0654	Wheat straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	

**145 Carbosulfan**

Main Uses: Insecticide

JMPR: 84, 86T, 91R, 93R, 97R', 02R, 03

ADI: 0-0.01 mg/kg body weight (1986)

Acute RfD: 0.02 mg/kg body weight. Group ARfD for woman of child-bearing age and unnecessary for the rest of the population (2003).

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Carbosulfan

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
As	0001 Citrus pulp, Dry	0.1			CXL	97	37	31-36	2005	
SO	0691 Cotton seed	0.05			CXL	03	37	36	2005	
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	03	37	36	2005	
PE	0112 Eggs	0.05 (*)			CXL	03	37	36	2005	
GC	0645 Maize	0.05 (*)			CXL	03	37	36	2005	
FC	0206 Mandarin	0.1			CXL	99	42	31-41	2010	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*) (fat)			CXL	03	37	36	2005	
FC	0004 Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.1			CXL	97	42	31-41	2010	
PM	0110 Poultry meat	0.05 (*)			CXL	03	37	36	2005	
PO	0111 Poultry, Edible offal of	0.05 (*)			CXL	03	37	36	2005	
AS	0649 Rice straw and fodder, Dry	0.05 (*)			CXL	03	37	36	2005	
HS	0191 Spices, Fruits and Berries	0.07			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		43		2011	
VR	0596 Sugar beet	0.3			CXL	03	37	36	2005	

**146 Cyhalothrin (includes lambda-cyhalothrin)**

Main Uses: Insecticide

JMPR: 84, 86R, 88R, 07T

ADI: 0-0.02 mg/kg body weight (TADI; 2000 by JECFA)

Acute RfD: 0.02 mg/kg body weight. Group ARfD (JMPR 2007) (2007)

Residue: Cyhalothrin (sum of all isomers)

Note: Previous ADI, 0.02 mg/kg body weight (1984)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls			CXL	08	41		2009	
FS	0240	Apricot			CXL	08	41		2009	
VS	0621	Asparagus			CXL	08	41		2009	
GC	0640	Barley			CXL	08	41		2009	
FB	0018	Berries and other small fruits			CXL	08	41		2009	
VA	0035	Bulb vegetables			CXL	08	41		2009	
VB	0041	Cabbages, Head			CXL	08	41		2009	
FS	0013	Cherries			CXL	08	41		2009	
FC	0001	Citrus fruits		(excluding kumquats)	CXL	08	45	41	2013	
DF	0269	Dried grapes (=currants, raisins and sultanas)			CXL	08	41		2009	
VB	0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)			CXL	08	41		2009	
VO	0050	Fruiting vegetables other than cucurbits		(except mushrooms)	CXL	08	41		2009	
VC	0045	Fruiting vegetables, Cucurbits			CXL	08	41		2009	
MO	0098	Kidney of cattle, goats, pigs and sheep			CXL	08	41		2009	
VP	0060	Legume vegetables			CXL	08	41		2009	
MO	0099	Liver of cattle, goats, pigs & sheep			CXL	08	41		2009	
GC	0645	Maize			CXL	08	41		2009	
FI	0345	Mango			CXL	08	41		2009	
MM	0095	Meat (from mammals other than marine mammals)		(fat)	CXL	08	41		2009	
ML	0106	Milks			CXL	08	41		2009	
FS	0245	Nectarine			CXL	08	41		2009	
GC	0647	Oats			CXL	08	41		2009	
SO	0088	Oilseed			CXL	08	41		2009	
FT	0305	Olives			CXL	08	41		2009	
FS	0247	Peach			CXL	08	41		2009	
HS	0444	Peppers Chili, dried			CXL	08	41		2009	
FS	0014	Plums (including prunes)		(except prunes)	CXL	08	41		2009	
FP	0009	Pome fruits			CXL	08	41		2009	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0070	Pulses			CXL	08	41		2009	
GC	0649	Rice			CXL	08	41		2009	
VR	0075	Root and tuber vegetables		(*)	CXL	08	41		2009	
GC	0650	Rye			CXL	08	41		2009	
HS	0191	Spices, Fruits and Berries			CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2005	
AS	0081	Straw and fodder (dry) of cereal grains	2		CXL	08	41		2009	
GS	0659	Sugar cane			CXL	08	41		2009	
TN	0085	Tree nuts		(*)	CXL	08	41		2009	
GC	0653	Triticale			CXL	08	41		2009	
GC	0654	Wheat			CXL	08	41		2009	
CM	0654	Wheat bran, Unprocessed			CXL	08	41		2009	

**147 Methoprene**

Main Uses: Insect growth regulator

JMPR: 84, 86R, 88R, 89R, 01T, 05

ADI: 0.09 &amp; 0.05. mg/kg body weight (0-0.09 mg/kg bw for the R,S racemate; 0- 0.05 mg/kg bw for S-methoprene (JMPR 2005))

Acute RfD: Unnecessary (2005)

Residue: For compliance with MRLs and for estimation of dietary intake in plant and animal commodities: Methoprene

The residue is fat soluble

Note: Previous ADI, 0.1 mg/kg bw (1987). (2001; 0.09 mg/kg bw for the R,S racemate; 0.05 mg/kg bw for S-methoprene)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080	Cereal grains	10	Po	CXL	05	38		2006	
MO	0105	Edible offal (mammalian)	0.02		CXL	05	38		2006	
PE	0112	Eggs	0.02		CXL	05	38		2006	
OC	0645	Maize oil, Crude	200	PoP	CXL	05	38		2006	
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat)	CXL	05	38		2006	
ML	0106	Milks	0.1	F	CXL	05	38		2006	
PM	0110	Poultry meat	0.02		CXL	05	38		2006	
PO	0111	Poultry, Edible offal of	0.02		CXL	05	38		2006	
CM	1207	Rice hulls	40	PoP	CXL	05	38		2006	
CM	0654	Wheat bran, Unprocessed	25	PoP	CXL	05	38		2006	

**148 Propamocarb**

Main Uses: Fungicide

JMPR: 84, 86, 87R, 05T, 06R'

ADI: 0-0.4 mg/kg body weight (1986; confirmed 2005)

Acute RfD: 2 mg/kg body weight (2005)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: Propamocarb

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0404 Cauliflower	0.2			CXL	06	39		2007	
MO	0105 Edible offal (mammalian)	0.01		(*)	CXL	06	39		2007	
VO	0440 Egg plant	0.3			CXL	06	39		2007	
PE	0112 Eggs	0.01		(*)	CXL	06	39		2007	
VC	0045 Fruiting vegetables, Cucurbits	5			CXL	06	39		2007	
VL	0482 Lettuce, Head	100			CXL	06	39		2007	
VL	0483 Lettuce, Leaf	100			CXL	06	39		2007	
MM	0095 Meat (from mammals other than marine mammals)	0.01		(*)	CXL	06	39		2007	
ML	0106 Milks	0.01		(*)	CXL	06	39		2007	
HS	0444 Peppers Chili, dried	10			CXL	04	38	37	2006	
VO	0445 Peppers, Sweet (including pimento or pimiento)	3			CXL	06	39		2007	
VR	0589 Potato	0.3			CXL	06	39		2007	
PM	0110 Poultry meat	0.01		(*)	CXL	06	39		2007	
PO	0111 Poultry, Edible offal of	0.01		(*)	CXL	06	39		2007	
VR	0494 Radish	1			CXL	06	39		2007	
VL	0502 Spinach	40			CXL	06	39		2007	
VO	0448 Tomato	2			CXL	06	39		2007	
VS	0469 Witloof chicory (sprouts)	2			CXL	06	39		2007	

**149 Ethoprophos**

Main Uses: Insecticide

JMPR: 83T, 84R, 87T, 99T', 04R

ADI: 0-0.0004 mg/kg body weight (1999)

Acute RfD: 0.05 mg/kg body weight (1999)

Residue: For compliance with MRLs and estimation of dietary intake in plant and animal commodities: Ethoprophos

Note: Previous ADI, 0.0003 mg/kg bw (1987)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.02			CXL	04	37		2005	
VC	0424 Cucumber	0.01			CXL	04	37		2005	
MO	0105 Edible offal (mammalian)	0.01		(*)	CXL	04	37		2005	
MM	0095 Meat (from mammals other than marine mammals)	0.01		(*)	CXL	04	37		2005	
VC	0046 Melons, except watermelon	0.02			CXL	04	37		2005	
ML	0106 Milks	0.01		(*)	CXL	04	37		2005	
HS	0444 Peppers Chili, dried	0.2			CXL	04	38	37	2006	
VO	0445 Peppers, Sweet (including pimento or pimiento)	0.05			CXL	04	37		2005	
VR	0589 Potato	0.05			CXL	04	37		2005	
FB	0275 Strawberry	0.02		(*)	CXL					
GS	0659 Sugar cane	0.02			CXL	04	37		2005	
AM	0659 Sugar cane fodder	0.02		(*)	CXL					
VR	0508 Sweet potato	0.05			CXL	04	37		2005	
VO	0448 Tomato	0.01		(*)	CXL	04	37		2005	
VR	0506 Turnip, Garden	0.02		(*)	CXL					



**151 Dimethipin**

Main Uses: Plant growth regulator

JMPR: 85, 87, 88, 99T, 01R, 04T

ADI: 0-0.02 mg/kg body weight (1988; confirmed 1999, 2004)

Acute RfD: 0.2 mg/kg body weight (2004)

Residue: Dimethipin

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0691 Cotton seed	1			CXL	01	35		2003	
OC	0691 Cotton seed oil, Crude	0.1			CXL	01	35		2003	
OR	0691 Cotton seed oil, Edible	0.1			CXL	01	35		2003	
MO	0105 Edible offal (mammalian)	0.01		(*)	CXL	01	35		2003	
PE	0112 Eggs	0.01		(*)	CXL	01	35		2003	
MM	0095 Meat (from mammals other than marine mammals)	0.01		(*)	CXL	01	35		2003	
ML	0106 Milks	0.01		(*)	CXL	01	34		2003	
VR	0589 Potato	0.05		(*)	CXL	01	35		2003	
PM	0110 Poultry meat	0.01		(*)	CXL	01	35		2003	
PO	0111 Poultry, Edible offal of	0.01		(*)	CXL	01	35		2003	
SO	0495 Rape seed	0.2			CXL	01	35		2003	
SO	0702 Sunflower seed	1			CXL	01	35		2003	

**155 Benalaxyl**

Main Uses: Fungicide

JMPR: 86R, 87T, 88R, 92R, 93R, 05T

ADI: 0-0.07 mg/kg body weight (2005), confirmed (2009)

Acute RfD: 0.1 mg/kg body weight. Group ARfD for woman of child-bearing age and unnecessary for the rest of the population (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Benalaxyl

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0269	0.3			CXL	09	42		2010	
VL	0482	1			CXL	09	42		2010	
VC	0046	0.3			CXL	09	42		2010	
VA	0385	0.02		(*)	CXL	09	42		2010	
VR	0589	0.02		(*)	CXL	09	42		2010	
VO	0448	0.2			CXL	09	42		2010	
VC	0432	0.1			CXL	09	42		2010	

**156 Clofentezine**

Main Uses: Acaricide

JMPR: 86, 87R, 89R, 90R, 92R, 05T, 07R

ADI: 0-0.02 mg/kg body weight (1986; confirmed 2005)

Acute RfD: Unnecessary (2005)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: Clofentezine

For compliance with MRLs for animal commodities: Sum of clofentezine, and all metabolites containing the 2-chlorobenzoyl moiety, expressed as clofentezine

The residue is fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	5			CXL	07	40		2008	
FC 0001	Citrus fruits	0.5			CXL	07	40		2008	
VC 0424	Cucumber	0.5			CXL	07	40		2008	
FB 0021	Currants, Black, Red, White	0.2			CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	07	40		2008	
PE 0112	Eggs	0.05		(*)	CXL	07	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
FB 0269	Grapes	2			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	07	40		2008	
VC 0046	Melons, except watermelon	0.1			CXL	07	40		2008	
ML 0106	Milks	0.05		(*)	CXL	07	40		2008	
FP 0009	Pome fruits	0.5			CXL	07	40		2008	
PM 0110	Poultry meat	0.05		(*)	CXL	07	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	07	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
FS 0012	Stone fruits	0.5			CXL	07	40		2008	
FB 0275	Strawberry	2			CXL	07	40		2008	
VO 0448	Tomato	0.5			CXL	07	40		2008	
TN 0085	Tree nuts	0.5			CXL	07	40		2008	

**157 Cyfluthrin/beta-cyfluthrin**

Main Uses: Insecticide

JMPR: 1986(R), 1987(T), 1989(R), 1990(R), 1992(R), 2006(T), 2007(R), 2012(R)

ADI: 0-0.04 mg/kg body weight. Group ADI (2006).

Acute RfD: 0.04 mg/kg body weight. Group ARfD (2006).

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Cyfluthrin (sum of isomers)

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.1			CXL	07	40		2008	
VB	0041 Cabbages, Head	0.08			CXL	07,12	45	43	2013	
VB	0404 Cauliflower	2			CXL	07	40		2008	
FC	0001 Citrus fruits	0.3			CXL	07	40		2008	
As	0001 Citrus pulp, Dry	2			CXL	07	40		2008	
SO	0691 Cotton seed	0.7			CXL	07	40		2008	
OC	0691 Cotton seed oil, Crude	1			CXL	07	40		2008	
MO	0105 Edible offal (mammalian)	0.02			CXL	12	45		2013	
VO	0440 Egg plant	0.2			CXL	07	40		2008	
PE	0112 Eggs	0.01		(*)	CXL	07	40		2008	
MM	0095 Meat (from mammals other than marine mammals)	0.2		(fat)	CXL	12	45		2013	
ML	0106 Milks	0.01			CXL	12	45		2013	
FP	0230 Pear	0.1			CXL	07	40		2008	
VO	0051 Peppers	0.2			CXL	07	40		2008	
HS	0444 Peppers Chili, dried	1			CXL	07	40		2008	
VR	0589 Potato	0.01		(*)	CXL	07	40		2008	
PM	0110 Poultry meat	0.01		(*) (fat)	CXL	07	40		2008	
PO	0111 Poultry, Edible offal of	0.01		(*)	CXL	07	40		2008	
SO	0495 Rape seed	0.07			CXL	07	40		2008	
VD	0541 Soya bean (dry)	0.03			CXL	12	45		2013	
AL	0541 Soya bean fodder	4			CXL	12	45		2013	
HS	0191 Spices, Fruits and Berries	0.03			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.05			CXL		43		2011	
VO	0448 Tomato	0.2			CXL	07	40		2008	

**158 Glyphosate**

Main Uses: Herbicide

JMPR: 1986 (TR), 1988(R), 1994(R), 1997(TR), 2004(T), 2005(R), 2011(TR), 2013(R)

ADI: 0-1 mg/kg body weight (2011)

Acute RfD: Unnecessary (2011)

Residue: For compliance with MRL for plant commodities - for soya bean, maize and rape: Sum of glyphosate and N-acetylglyphosate, expressed as glyphosate for other crops: glyphosate

For compliance with MRL for animal commodities: Sum of glyphosate and N-acetylglyphosate, expressed as glyphosate

For estimation of dietary intake for plant and animal commodities: Glyphosate, N-acetylglyphosate, AMPA and N-acetyl AMPA, expressed as glyphosate

The residue is not fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	500			CXL	05	38		2006	
FI 0327	Banana	0.05 (*)			CXL	05	38		2006	
AS 0640	Barley straw and fodder, Dry	400			CXL	05	38		2006	
AL 0061	Bean fodder	200			CXL	05	38		2006	
VD 0071	Beans (dry)	2			CXL	05	38		2006	
GC 0080	Cereal grains	30		(except maize and rice)	CXL	05	38		2006	
SO 0691	Cotton seed	40			CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	5		(except pigs)	CXL	05	38		2006	
PE 0112	Eggs	0.05 (*)			CXL	05	38		2006	
AS 0162	Hay or fodder (dry) of grasses	500			CXL	05	38		2006	
VD 0533	Lentil (dry)	5			CXL	11	44		2012	
GC 0645	Maize	5			CXL	05	38		2006	
AS 0645	Maize fodder (dry)	150			CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	05	38		2006	
ML 0106	Milks	0.05 (*)			CXL	05	38		2006	
AS 0647	Oat straw and fodder, Dry	100			CXL	05	38		2006	
AL 0072	Pea hay or pea fodder (dry)	500			CXL	05	38		2006	
VD 0072	Peas (dry)	5			CXL	05	38		2006	
MO 0818	Pig, Edible offal of	0.5			CXL	05	38		2006	
PM 0110	Poultry meat	0.05 (*)			CXL	05	38		2006	
PO 0111	Poultry, Edible offal of	0.5			CXL	05	38		2006	
SO 0495	Rape seed	20			CXL	05	38		2006	
SO 0495	Rape seed	30			3	2013	46			
AS 0651	Sorghum straw and fodder, Dry	50			CXL	05	38		2006	
VD 0541	Soya bean (dry)	20			CXL	05	38		2006	
VR 0596	Sugar beet	15			CXL	11	44		2012	
GS 0659	Sugar cane	2			CXL	05	38		2006	
DM 0659	Sugar cane molasses	10			CXL	05	38		2006	
SO 0702	Sunflower seed	7			CXL	05	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	3			CXL	11	44		2012	
CM 0654	Wheat bran, Unprocessed	20			CXL	05	38		2006	
AS 0654	Wheat straw and fodder, Dry	300			CXL	05	38		2006	

**159 Vinclozolin**

Main Uses: Fungicide

JMPR: 86, 88, 89R, 90R, 92R, 95T

ADI: 0.01 mg/kg body weight (1995)

Acute RfD: N/A

Residue: Sum of vinclozolin and all metabolites containing the 3,5-dichloroaniline moiety, expressed as vinclozolin

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0093 Spices	0.05 (*)			CXL		37		2005	Procymidone (136) and Vinclozolin (159) are no longer supported by industry and member countries. Therefore, the Committee decided that all CXLs for these 2 compounds should be revoked (43-139). The Committee agreed to retain the CXL for vinclozolin on spices (despite vinclozolin having recently been deleted from the substance list) because residues were at or about the limit of quantification and there were no intake concern (44-83).

**160 Propiconazole**

Main Uses: Fungicide

JMPR: 1987(TR), 1991(R), 1994(R), 2004(T), 2007(R), 2013(R)

ADI: 0-0.07 mg/kg body weight (2004)

Acute RfD: 0.3 mg/kg body weight, confirmed 2006 (2004)

Residue: For compliance with MRL for plant and animal commodities: Propiconazole

For estimation of dietary intake for plant and animal commodities: Propiconazole plus all metabolites convertible to 2,4-dichlorobenzoic acid, expressed as propiconazole

The residue is fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.1			CXL 07		40		2008	
GC 0640	Barley	0.2			CXL 07		40		2008	
AS 0640	Barley straw and fodder, Dry	2			CXL 07		40		2008	
SB 0716	Coffee beans	0.02			CXL 07		40		2008	
FB 0265	Cranberry	0.3			CXL 06,07		40	39	2008	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL 07		40		2008	
PE 0112	Eggs	0.01 (*)			CXL 07		40		2008	
GC 0645	Maize	0.05			CXL 07		40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL 07		40		2008	
ML 0106	Milks	0.01 (*)			CXL 07		40		2008	
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	9 Po			3 2013		46			
FS 0247	Peach	5 Po			3 2013		46			
TN 0672	Pecan	0.02 (*)			CXL 07		40		2008	
FI 0353	Pineapple	0.02 (*)			CXL 07		40		2008	
FS 0014	Plums (including prunes)	0.6 Po			3 2013		46			
GC 0656	Popcorn	0.05			CXL 07		40		2008	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL 07		40		2008	
SO 0495	Rape seed	0.02			CXL 07		40		2008	
GC 0650	Rye	0.02			CXL 07		40		2008	
AS 0650	Rye straw and fodder, Dry	2			CXL 07		40		2008	
VD 0541	Soya bean (dry)	0.07			CXL 07		40		2008	
AL 0541	Soya bean fodder	5			CXL 07		40		2008	
VR 0596	Sugar beet	0.02			CXL 07		40		2008	
GS 0659	Sugar cane	0.02 (*)			CXL 07		40		2008	
VO 0447	Sweet corn (corn-on-the-cob)	0.05			CXL 07		40		2008	
VO 0448	Tomato	3			3 2013		46			
GC 0653	Triticale	0.02			CXL 07		40		2008	
AS 0653	Triticale straw and fodder, Dry	2			CXL 07		40		2008	
GC 0654	Wheat	0.02			CXL 07		40		2008	
AS 0654	Wheat straw and fodder, Dry	2			CXL 07		40		2008	

**162 Tolyfluanid**

Main Uses: Fungicide

JMPR: 88, 90R, 02T', 03R

ADI: 0.08 mg/kg body weight (2002)

Acute RfD: 0.5 mg/kg body weight (2002)

Residue: For compliance with MRLs for plant commodities: Tolyfluanid

For estimation of dietary intake for plant commodities: Sum of tolyfluanid and N,N-dimethyl-N-(4-methylphenyl)-sulfamide expressed as tolyfluanid

Note: Previous ADI, 0.1 mg/kg bw (1988)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0264	Blackberries	5		CXL	02	36	35	2004	
VC	0424	Cucumber	1		CXL	02	36	35	2004	
FB	0021	Currants, Black, Red, White	0.5		CXL	02	36	35	2004	
FB	0269	Grapes	3		CXL	02	36	35	2004	
DH	1100	Hops, Dry	50		CXL	02	36	35	2004	
VA	0384	Leek	2		CXL	02	36	35	2004	
VL	0482	Lettuce, Head	15		CXL	03	37	36	2005	
HS	0444	Peppers Chili, dried	20		CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimiento)	2		CXL	02	36	35	2004	
FP	0009	Pome fruits	5		CXL	02			1991	
FB	0272	Raspberries, Red, Black	5		CXL	02	36	35	2004	
FB	0275	Strawberry	5		CXL	02	36	35	2004	
VO	0448	Tomato	3		CXL	02	36	35	2004	



**165 Flusilazole**

Main Uses: Fungicide

JMPR: 89, 90R, 91R, 93R, 95T, 07

ADI: 0-0.007 mg/kg body weight (2007)

Acute RfD: 0.02 mg/kg body weight (2007)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: Flusilazole

For compliance with MRLs and estimation of dietary intake for animal commodities: Flusilazole plus [bis(4-fluorophenyl)methyl]silanol

Flusilazole is fat-soluble

Note: Previous ADI: 0.001 mg/kg body weight (1989)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 0226	Apple pomace, dry	2			CXL	07	40		2008	
FS 0240	Apricot	0.2			CXL	07	40		2008	
FI 0327	Banana	0.03			CXL	07	40		2008	
GC 0080	Cereal grains	0.2		(except rice)	CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	2			CXL	07	41	40	2009	
PE 0112	Eggs	0.1			CXL	07	40		2008	
AB 0269	Grape pomace, Dry	2			CXL	07	40		2008	
FB 0269	Grapes	0.2			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	1	(fat)		CXL	07	40		2008	
ML 0106	Milks	0.05			CXL	07	40		2008	
FS 0245	Nectarine	0.2			CXL	07	41	40	2009	
FS 0247	Peach	0.2			CXL	07	41	40	2009	
FP 0009	Pome fruits	0.3			CXL	07	41	40	2009	
PM 0110	Poultry meat	0.2			CXL	07	40		2008	
PO 0111	Poultry, Edible offal of	0.2			CXL	07	40		2008	
SO 0495	Rape seed	0.1			CXL	07	40		2008	
VD 0541	Soya bean (dry)	0.05			CXL	07	40		2008	
AB 0541	Soya bean hulls	0.05			CXL	07	40		2008	
OR 0541	Soya bean oil, Refined	0.1			CXL	07	40		2008	
AS 0081	Straw and fodder (dry) of cereal grains	5		(except rice)	CXL	07	40		2008	
VR 0596	Sugar beet	0.05			CXL	07	40		2008	
SO 0702	Sunflower seed	0.1			CXL	07	40		2008	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	07	40		2008	

**166 Oxydemeton-Methyl**

Main Uses: Insecticide

JMPR: 89, 92R, 98R', 02T, 04R

ADI: 0-0.0003 mg/kg body weight (Group ADI for demeton-S-methyl and related compounds, JMPR 2004)

Acute RfD: 0.002 mg/kg body weight (2002)

Residue: For compliance with MRLs and estimation of dietary intake in plant commodities: Sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphon expressed as oxydemeton-methyl

The residue definition and MRLs are based on the use of oxydemeton-methyl only

Note: The definition of residue and recommendations for MRLs are based on the use of oxydemeton-methyl (2004). Group ADI for demeton-S-methyl and related compounds.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.02 (*)			CXL	04	38	32-37	2006	
AS 0640	Barley straw and fodder, Dry	0.1			CXL	04	38	32,34-37	2006	
MF 0812	Cattle fat	0.05 (*)			CXL	98	38	32-37	2006	
VB 0404	Cauliflower	0.01 (*)			CXL	04	38	37	2006	
VD 0526	Common bean (dry)	0.1			CXL	98	38	32-37	2006	
SO 0691	Cotton seed	0.05			CXL	98	38	32-37	2006	
PE 0112	Eggs	0.05 (*)			CXL	98	38	32-37	2006	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.01 (*)			CXL	98	38	32-34,36,37	2006	
VB 0405	Kohlrabi	0.05			CXL	98	38	32-37	2006	
FC 0204	Lemon	0.2			CXL	98	38	32-37	2006	
MM 0097	Meat of cattle, pigs & sheep	0.05 (*)			CXL	98	38	32-37	2006	
ML 0106	Milks	0.01 (*)			CXL	98	38	32-37	2006	
FP 0230	Pear	0.05			CXL	98	38	32-37	2006	
MF 0818	Pig fat	0.05 (*)			CXL	98	38	32-37	2006	
VR 0589	Potato	0.01 (*)			CXL	04	38	32-37	2006	
PF 0111	Poultry fats	0.05 (*)			CXL	98	38	32-37	2006	
PM 0110	Poultry meat	0.05 (*)			CXL	98	38	32-37	2006	
GC 0650	Rye	0.02 (*)			CXL	04	38	32-37	2006	
AS 0650	Rye straw and fodder, Dry	0.1			CXL	04	38	32,34-37	2006	
MF 0822	Sheep fat	0.05 (*)			CXL	98	38	32-37	2006	
VR 0596	Sugar beet	0.01 (*)			CXL	04	38	32-37	2006	
GC 0654	Wheat	0.02 (*)			CXL	04	38	32-37	2006	
AS 0654	Wheat straw and fodder, Dry	0.1			CXL	04	38	32,34-37	2006	

**167 Terbufos**

Main Uses: Nematocide

JMPR: 89, 90, 03T, 05R<sup>1</sup>

ADI: 0-0.0006 mg/kg body weight (1989)

Acute RfD: 0.002 mg/kg body weight (2003)

Residue: For compliance with MRLs and for estimation of dietary intake in plant and animal commodities: Sum of terbufos, its oxygen analogue and their sulphoxides and sulphones, expressed as terbufos

Note: Previous ADI: 0-0.0002 mg/kg/bw. Note: no short-term dietary intake was calculated due to insufficient data (JMPR 2003).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.05			CXL	05	38		2006	
SB	0716 Coffee beans	0.05 (*)			CXL	05	38		2006	
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	05	38		2006	
PE	0112 Eggs	0.01 (*)			CXL	05	38		2006	
GC	0645 Maize	0.01 (*)			CXL	05	38		2006	
AS	0645 Maize fodder (dry)	0.2			CXL	05	38		2006	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)			CXL	05	38		2006	
ML	0106 Milks	0.01 (*)			CXL	05	38		2006	
PM	0110 Poultry meat	0.05 (*)			CXL	05	38		2006	
PO	0111 Poultry, Edible offal of	0.05 (*)			CXL	05	38		2006	
GC	0651 Sorghum	0.01 (*)			CXL	05	38		2006	
AS	0651 Sorghum straw and fodder, Dry	0.3	dry wt		CXL	05	38		2006	
VR	0596 Sugar beet	0.02			CXL	05	38		2006	
VO	0447 Sweet corn (corn-on-the-cob)	0.01			CXL	05	38		2006	

**168 Triadimenol**

Main Uses: Fungicide

JMPR: 89, 92R, 95R, 04T, 07R

ADI: 0-0.03 mg/kg body weight (2004)

Acute RfD: 0.08 mg/kg body weight (2004)

Residue: Triadimenol. The limits accommodate triadimenol residues resulting from the use of triadimefon and/or triadimenol.

Note: Source of data resulting from the uses of: TF=triadimefon; TN=triadimenol. ADI changed. Previous ADI 0.05 (1989).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.3			CXL	07	40		2008	Based on triadimenol use only
VS	0620 Artichoke, Globe	0.7			CXL	07	40		2008	Based on triadimenol use only
FI	0327 Banana	1			CXL	07	41	40	2009	Based on triadimenol use only
GC	0080 Cereal grains	0.2		(except maize and rice)	CXL	07	40		2008	Based on triadimefon and triadimenol uses
SB	0716 Coffee beans	0.5			CXL	07	40		2008	Based on triadimenol use only
FB	0021 Currants, Black, Red, White	0.7			CXL	07	40		2008	
DF	0269 Dried grapes (=currants, raisins and sultanas)	10			CXL	07	41	40	2009	Based on triadimefon and triadimenol uses
MO	0105 Edible offal (mammalian)	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
PE	0112 Eggs	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
VO	0050 Fruiting vegetables other than cucurbits	1		(except fungi and sweet corn)	CXL	07	41	40	2009	Based on triadimenol use only
VC	0045 Fruiting vegetables, Cucurbits	0.2			CXL	07	41	40	2009	Based on triadimefon and triadimenol uses
MM	0095 Meat (from mammals other than marine mammals)	0.02			CXL	07	40		2008	Based on triadimefon and triadimenol uses
ML	0106 Milks	0.01 (*) F			CXL	07	40		2008	Based on triadimefon and triadimenol uses
HS	0444 Peppers Chili, dried	5			CXL	07	40		2008	Based on triadimefon and triadimenol uses
FI	0353 Pineapple	5			CXL	07	40		2008	Based on triadimenol use only
PM	0110 Poultry meat	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
AS	0081 Straw and fodder (dry) of cereal grains	5		(except maize)	CXL	07	40		2008	Based on triadimefon and triadimenol uses
FB	0275 Strawberry	0.7			CXL	07	40		2008	Based on triadimenol use only
VR	0596 Sugar beet	0.05 (*)			CXL	07	40		2008	Based on triadimenol use only

**169 Cyromazine**

Main Uses: Insecticide

JMPR: 1990(TR), 1991 (corr. to 1990R), 1992(R), 2006(T), 2007(R), 2012(R)

ADI: 0-0.06 mg/kg body weight (2006)

Acute RfD: 0.1 mg/kg body weight (2006)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Cyromazine

Note: 1992 JMPR decided to maintain the definition of residue established in 1990, not including melamine in the residue definition

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe			CXL	07	40		2008	
VD	0071	Beans (dry)			CXL	07	40		2008	
VB	0400	Broccoli			CXL	07	40		2008	
VS	0624	Celery			CXL	07	40		2008	
VD	0524	Chick-pea (dry)			CXL	12	45		2013	
VC	0424	Cucumber			CXL	07	40		2008	
MO	0105	Edible offal (mammalian)			CXL	07	40		2008	
PE	0112	Eggs			CXL	07	40		2008	
VO	0050	Fruiting vegetables other than cucurbits		(except mushrooms and sweet corn corn-on-the-cob)	CXL	07	07	40	2008	
VD	0533	Lentil (dry)			CXL	12	45		2013	
VL	0482	Lettuce, Head			CXL	07	40		2008	
VL	0483	Lettuce, Leaf			CXL	07	40		2008	
VP	0534	Lima bean (young pods and/or immature beans)			CXL	07	40		2008	
VD	0545	Lupin (dry)			CXL	12	45		2013	
FI	0345	Mango			CXL	07	40		2008	
MM	0095	Meat (from mammals other than marine mammals)			CXL	07	40		2008	
VC	0046	Melons, except watermelon			CXL	07	40		2008	
ML	0106	Milks			CXL	07	40		2008	
VO	0450	Mushrooms			CXL	07	40		2008	
VL	0485	Mustard greens			CXL	07	40		2008	
VA	0385	Onion, Bulb			CXL	07	40		2008	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
PM	0110	Poultry meat			CXL	07	40		2008	
PO	0111	Poultry, Edible offal of			CXL	07	40		2008	
VA	0389	Spring Onion			CXL	07	40		2008	
VC	0431	Squash, summer			CXL	07	40		2008	

**171 Profenofos**

Main Uses: Insecticide

JMPR: 90, 92R, 94R, 95R, 07T

ADI: 0-0.03 mg/kg body weight 2007

Acute RfD: 1.0 mg/kg body weight (2007)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Profenofos

The residue is fat-soluble

Note: Previous ADI: 0.01 mg/kg body weight (1990)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0691 Cotton seed	3			CXL	08	41		2009	
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	08	41		2009	
PE	0112 Eggs	0.02 (*)			CXL	08	41		2009	
FI	0345 Mango	0.2			CXL	08	41		2009	
FI	0346 Mangostan	10			CXL	08	41		2009	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)			CXL	08	41		2009	
ML	0106 Milks	0.01 (*)			CXL	08	41		2009	
VO	0444 Peppers Chili	3			CXL	11	44		2012	
HS	0444 Peppers Chili, dried	20			CXL	11	44		2012	
PM	0110 Poultry meat	0.05 (*)			CXL	08	41		2009	
PO	0111 Poultry, Edible offal of	0.05 (*)			CXL	08	41		2009	
HS	0191 Spices, Fruits and Berries	0.07			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.05			CXL		43		2011	
DT	0171 Teas (Tea and herb teas)	0.5			CXL	94	29		1997	
VO	0448 Tomato	10			CXL	08	41		2009	

**172 Bentazone**

Main Uses: Herbicide

JMPR: 1991(TR), 1994(R), 1995(R), 1998(TR), 2004(T), 2012(T)

ADI: 0-0.09 mg/kg body weight (2012)

Acute RfD: Unnecessary (2012)

Residue: For compliance with MRL and for estimation of dietary intake for plant commodities: Sum of bentazone, 6-hydroxybentazone and 8-hydroxybentazone expressed as bentazone

For compliance with MRL and for estimation of dietary intake for animal commodities: Bentazone

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	0.5			3	2013	46			
GC 0640	Barley	0.1			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
AS 0640	Barley straw and fodder, Dry	0.3			3	2013	46			
VD 0071	Beans (dry)	0.05 (*)			CXL		28		1997	
VD 0071	Beans (dry)	0.04			3	2013	46			
VP 0061	Beans, except broad bean and soya bean	0.01 (*)		(green pods and immature seeds)	3	2013	46			
VP 0062	Beans, Shelled	0.01 (*)		(succulent= immature seeds)	3	2013	46			
VD 0523	Broad bean (dry)	0.05 (*)			CXL		28		1997	
GC 0080	Cereal grains	0.01 (*)			3	2013	46			
VP 0526	Common bean (pods and/or immature seeds)	0.2			CXL		28		1997	Withdrawal recommended by the 2013 JMPR
PE 0112	Eggs	0.05 (*)			CXL		29		1997	
PE 0112	Eggs	0.01 (*)			3	2013	46			
VD 0561	Field pea (dry)	1			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
VP 0528	Garden pea (young pods)(=succulent, immature seeds)	0.2			CXL				1995	Withdrawal recommended by the 2013 JMPR
AS 0162	Hay or fodder (dry) of grasses	2			3	2013	46			
HH 0092	Herbs	0.1			3	2013	46			
VP 0534	Lima bean (young pods and/or immature beans)	0.05			CXL				1995	Withdrawal recommended by the 2013 JMPR
SO 0693	Linseed	0.1			CXL				1995	
SO 0693	Linseed	0.02 (*)			3	2013	46			
GC 0645	Maize	0.2			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
AS 0645	Maize fodder (dry)	0.2			CXL	94	28		1997	
AS 0645	Maize fodder (dry)	0.4			3	2013	46			
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL		29		1997	Withdrawal recommended by the 2013 JMPR
ML 0106	Milks	0.05 (*)			CXL		29		1997	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML	0106	Milks			3	2013	46			
AS	0646	Millet fodder, dry			3	2013	46			
AS	0647	Oat straw and fodder, Dry			3	2013	46			
GC	0647	Oats			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
VA	0385	Onion, Bulb			CXL				1995	
VA	0385	Onion, Bulb			3	2013	46			
SO	0697	Peanut			CXL				1995	
SO	0697	Peanut			3	2013	46			
VP	0063	Peas (pods and succulent=immature seeds)			3	2013	46			
VR	0589	Potato			CXL		28		1997	
VR	0589	Potato			3	2013	46			
PM	0110	Poultry meat		(fat)	3	2013	46			
PO	0111	Poultry, Edible offal of			3	2013	46			
GC	0649	Rice			CXL		28		1997	Withdrawal recommended by the 2013 JMPR
GC	0650	Rye			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
AS	0650	Rye straw and fodder, Dry			3	2013	46			
GC	0651	Sorghum			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
VD	0541	Soya bean (dry)			CXL				1995	
VD	0541	Soya bean (dry)			3	2013	46			
VA	0389	Spring Onion			3	2013	46			
VO	0447	Sweet corn (corn-on-the-cob)			3	2013	46			
AS	0653	Triticale straw and fodder, Dry			3	2013	46			
GC	0654	Wheat			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR
AS	0654	Wheat straw and fodder, Dry			3	2013	46			



**173 Buprofezin**

Main Uses: Insecticide

JMPR: 1991(TR), 1995(R), 1999(R), 2008(TR), 2009(R), 2012(R)

ADI: 0-0.009 mg/kg body weight (2008)

Acute RfD: 0.5 mg/kg body weight (2008)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Buprofezin

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	2			CXL	09	45	42	2010	
TN	0660 Almonds	0.05 (*)			CXL	09	42			
FP	0226 Apple	3			CXL	09	42		2010	
FI	0327 Banana	0.3			CXL	12	45		2013	
FS	0013 Cherries	2			CXL	09	42			
FC	0001 Citrus fruits	1		(excluding kumquats)	CXL	08	45	41	2013	
As	0001 Citrus pulp, Dry	2			CXL	08	41		2009	
DF	0269 Dried grapes (=currants, raisins and sultanas)	2			CXL	09	42		2010	
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	09	42		2010	
VC	0045 Fruiting vegetables, Cucurbits	0.7			CXL	09	42		2010	
FB	0269 Grapes	1			CXL	09	42		2010	
FI	0345 Mango	0.1			CXL	08	41		2009	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)			CXL	09	42		2010	
ML	0106 Milks	0.01 (*)			CXL	09	42		2010	
FS	0245 Nectarine	9			CXL	09	42		2010	
FT	0305 Olives	5			CXL	09	42		2010	
FS	0247 Peach	9			CXL	09	42		2010	
FP	0230 Pear	6			CXL	09	42		2010	
VO	0051 Peppers	2			CXL	09	42		2010	
VO	0444 Peppers Chili	10			CXL	09	42		2010	
HS	0444 Peppers Chili, dried	10			CXL	08	41		2009	
FS	0014 Plums (including prunes)	2			CXL	09	42		2010	
FB	0275 Strawberry	3			CXL	09	42		2010	
DT	1116 Tea, green	30			CXL	12	45		2013	
VO	0448 Tomato	1			CXL	08	41		2009	

**174 Cadusafos**

Main Uses: Insecticide

JMPR: 91, 92R

ADI: 0-0.0005 mg/kg body weight (1991)

Acute RfD: 0.001 mg/kg body weight (2009)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): Cadusafos

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.01			CXL	10	43		2011	

**175 Glufosinate-Ammonium**

Main Uses: Herbicide

JMPR: 1991(TR), 1994(R), 1998(R), 1999(TR), 2012(TR)

ADI: 0-0.01 mg/kg body weight (2012)

Acute RfD: 0.01 mg/kg body weight (2012)

Residue: For compliance with MRL and estimation of dietary intake (for animal and plant commodities): Sum of glufosinate, 3-[hydroxy(methyl)phosphinoyl]propionic acid (MPP) and N-acetyl-glufosinate (NAG), calculated as glufosinate (free acid)  
The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0621 Asparagus	0.4			CXL	12	45		2013	
FT	0026 Assorted tropical and sub-tropical fruits - edible peel	0.1			CXL	12	45		2013	
FI	0030 Assorted tropical and sub-tropical fruits - inedible peel	0.1		(except banana and kiwifruit)	CXL	12	45		2013	
FI	0327 Banana	0.2			CXL	94	28		1997	Withdrawal recommended (JMPR 2012)
FI	0327 Banana	0.2			4	12	46	45		Retained the MRLs for banana; kiwifruit; lettuce, leaf; soya bean (dry) and edible offal (mammalian) at Step 4 awaiting the re-evaluation of these MRLs by the 2013 JMPR in light of the acute intake concern raised by Australia, China, the EU and Norway (45:41).
AL	0061 Bean fodder	1			CXL	12	45		2013	
FB	0020 Blueberries	0.1			CXL	12	45		2013	
VR	0577 Carrot	0.05			CXL	12	45		2013	
FC	0001 Citrus fruits	0.05			CXL	12	45		2013	
SB	0716 Coffee beans	0.1			CXL	12	45		2013	
VD	0526 Common bean (dry)	0.05			CXL	12	45		2013	
VP	0526 Common bean (pods and/or immature seeds)	0.05 (*)			CXL	12	45		2013	
VL	0470 Corn salad	0.05			CXL	12	45		2013	
SO	0691 Cotton seed	5			CXL	12	45		2013	
FB	0021 Currants, Black, Red, White	1			CXL	12	45		2013	
MO	0105 Edible offal (mammalian)	0.1 (*)			CXL	99	34	33	2003	Withdrawal recommended (JMPR 2012)

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	0105	Edible offal (mammalian)	3		4	12	46	45		Retained the MRLs for banana; kiwifruit; lettuce, leaf; soya bean (dry) and edible offal (mammalian) at Step 4 awaiting the re-evaluation of these MRLs by the 2013 JMPR in light of the acute intake concern raised by Australia, China, the EU and Norway (45:41).
PE	0112	Eggs	0.05	(*)	CXL	12	45		2013	
FB	0268	Gooseberry	0.1		CXL	12	45		2013	
FB	0269	Grapes	0.15		CXL	12	45		2013	
FI	0341	Kiwifruit	0.6		4	12	46	45		Retained the MRLs for banana; kiwifruit; lettuce, leaf; soya bean (dry) and edible offal (mammalian) at Step 4 awaiting the re-evaluation of these MRLs by the 2013 JMPR in light of the acute intake concern raised by Australia, China, the EU and Norway (45:41).
VL	0482	Lettuce, Head	0.4		CXL	12	45		2013	
VL	0483	Lettuce, Leaf	0.4		4	12	46	45		Retained the MRLs for banana; kiwifruit; lettuce, leaf; soya bean (dry) and edible offal (mammalian) at Step 4 awaiting the re-evaluation of these MRLs by the 2013 JMPR in light of the acute intake concern raised by Australia, China, the EU and Norway (45:41).
GC	0645	Maize	0.1		CXL	12	45	2013		
AS	0645	Maize fodder (dry)	8		CXL	12	45		2013	
MM	0095	Meat (from mammals other than marine mammals)	0.05		CXL	12	45		2013	
ML	0106	Milks	0.02	(*)	CXL	12	45		2013	
VA	0385	Onion, Bulb	0.05		CXL	12	45		2013	
FP	0009	Pome fruits	0.1		CXL	12	45		2013	
VR	0589	Potato	0.1		CXL	12	45		2013	
PM	0110	Poultry meat	0.05	(*)	CXL	12	45		2013	
PO	0111	Poultry, Edible offal of	0.1	(*)	CXL	12	45		2013	
DF	0014	Prunes	0.3		CXL	12	45		2013	
SO	0495	Rape seed	1.5		CXL	12	45		2013	
OC	0495	Rape seed oil, Crude	0.05	(*)	CXL	12	45		2013	
FB	0272	Raspberries, Red, Black	0.1		CXL	12	45		2013	
GC	0649	Rice	0.9		CXL	12	45		2013	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0649	Rice straw and fodder, Dry			CXL	12	45		2013	
VD	0541	Soya bean (dry)			CXL	99	34	33	2003	Withdrawal recommended (JMPR 2012)
VD	0541	Soya bean (dry)			4	12	46	45		Retained the MRLs for banana; kiwifruit; lettuce, leaf; soya bean (dry) and edible offal (mammalian) at Step 4 awaiting the re-evaluation of these MRLs by the 2013 JMPR in light of the acute intake concern raised by Australia, China, the EU and Norway (45:41).
FS	0012	Stone fruits			CXL	12	45	2013		
FB	0275	Strawberry			CXL	12	45		2013	
VR	0596	Sugar beet			CXL	12	45		2013	
DM	0596	Sugar beet molasses			CXL	12	45		2013	
TN	0085	Tree nuts			CXL	12	45		2013	

**176 Hexythiazox**

Main Uses: Acaricide

JMPR: 1991(TR), 1994(R), 1998(R), 2008(T), 2009(R), 2011(R)

ADI: 0-0.03 mg/kg body weight (1991). In 2008 JMPR reaffirmed the ADI established in 1991.

Acute RfD: Unnecessary (2008)

Residue: For compliance with the MRL for plant commodities: Hexythiazox

For estimation of dietary intake for plant commodities: Sum of hexythiazox and all metabolites containing the trans-5-(4-chlorophenyl)-4-methyl-2-oxothiazolidine-moiety (PT-1-3), expressed as hexythiazox

For compliance with MRL and for estimation of dietary intake for animal commodities: Sum of hexythiazox and all metabolites containing the trans-5-(4-chlorophenyl)-4-methyl-2-oxothiazolidine-moiety (PT-1-3), expressed as hexythiazox

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0001	Citrus fruits	0.5			CXL	09	42		2010	
FT 0295	Date	2			CXL	09	42		2010	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.05			CXL	09	42		2010	
VO 0440	Egg plant	0.1			CXL	09	42		2010	
PE 0112	Eggs	0.05			CXL	09	42		2010	
VC 0045	Fruiting vegetables, Cucurbits	0.05		(except watermelon)	CXL	09	42		2010	
AB 0269	Grape pomace, Dry	15			CXL	09	42		2010	
FB 0269	Grapes	1			CXL	09	42		2010	
DH 1100	Hops, Dry	3			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(fat)		CXL	09	42		2010	
FM 0183	Milk fats	0.05			CXL	09	42		2010	
ML 0106	Milks	0.05			CXL	09	42		2010	
FP 0009	Pome fruits	0.4			CXL	09	42		2010	
PM 0110	Poultry meat	0.05	(*) (fat)		CXL	09	42		2010	
PO 0111	Poultry, Edible offal of	0.05			CXL	09	42		2010	
DF 0014	Prunes	1			CXL	09	42		2010	
FS 0012	Stone fruits	0.3			CXL	09	42		2010	
FB 0275	Strawberry	6			CXL	11	45	44	2013	
DT 1114	Tea, Green, Black (black, fermented and dried)	15			CXL	11	44		2012	
VO 0448	Tomato	0.1			CXL	09	42		2010	
TN 0085	Tree nuts	0.05	(*)		CXL	09	42		2010	

**177 Abamectin**

Main Uses: Insecticide

JMPR: 92, 94, 95T, 97, 00R

ADI: 0.002 mg/kg body weight for sum of abamectin &amp; 8,9-Z-isomer (1997)

Acute RfD: N/A

Residue: Plant commodities: Sum of avermectin B1a, avermectin B1b, 8,9-Z-avermectin B1a and 8,9-Z-avermectin B1b

Animal commodities: Sum of avermectin B1a and 8,9-Z-avermectin B1a

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.1			CXL	97	32	31	2001	
TN 0660	Almonds	0.01 (*)			CXL	97	32	31	2001	
FP 0226	Apple	0.02			CXL	97	32	31	2001	
MF 0812	Cattle fat	0.1		The MRL accommodates external animal treatment	CXL	97,00	33	31,32	2001	
MO 1280	Cattle kidney	0.05		The MRL accommodates external animal treatment	CXL	97,00	33	31,32	2001	
MO 1281	Cattle liver	0.1		The MRL accommodates external animal treatment	CXL	97,00	33	31,32	2001	
MM 0812	Cattle meat	0.01 (*)			CXL	00	33	28,31,32	2001	
ML 0812	Cattle milk	0.005			CXL	00	33	28,31,32	2001	
FC 0001	Citrus fruits	0.01 (*)			CXL		32	28,31	2001	
SO 0691	Cotton seed	0.01 (*)			CXL		32	28,31	2001	
VC 0424	Cucumber	0.01			CXL	97	32	28,31	2001	
MM 0814	Goat meat	0.01 (*)			CXL	00	33	28,31,32	2001	
ML 0814	Goat milk	0.005			CXL	00	33	28,31,32	2001	
MO 0814	Goat, Edible offal of	0.1			CXL	00	33	28,31,32	2001	
DH 1100	Hops, Dry	0.1			CXL	97	32	31	2001	
VL 0483	Lettuce, Leaf	0.05			CXL	97	32	31	2001	
VC 0046	Melons, except watermelon	0.01 (*)			CXL	97	32	31	2001	
FP 0230	Pear	0.02			CXL	97	32	31	2001	
HS 0444	Peppers Chili, dried	0.2			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.02			CXL		32	28,31	2001	
VR 0589	Potato	0.01 (*)			CXL	97	32	31	2001	
VC 0431	Squash, summer	0.01 (*)			CXL	97	32	31	2001	
FB 0275	Strawberry	0.02			CXL	94	32	28,31	2001	
VO 0448	Tomato	0.02			CXL	97	32	28,31	2001	
TN 0678	Walnuts	0.01 (*)			CXL	97	32	31	2001	
VC 0432	Watermelon	0.01 (*)			CXL	97	32	31	2001	

**178 Bifenthrin**

Main Uses: Insecticide

JMPR: 92, 95R, 96R, 97R

ADI: 0-0.01 mg/kg body weight (1992)

Acute RfD: 0.01 mg/kg body weight (2009)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities: Bifenthrin (sum of isomers)

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327	Banana	0.1		CXL	10	43		2011	
GC	0640	Barley	0.05 (*)		CXL	10	43	28,29,30	1999	Withdrawal recommended (JMPR 2010). The manufacturer would submit supporting data for barley, barley straw and fodder, dry, therefore CCPR decided to retain these CXLs under 4 years Periodic Review Procedure (43-50).
AS	0640	Barley straw and fodder, Dry	0.5		CXL	10	43		1995	Withdrawal recommended (JMPR 2010). The manufacturer would submit supporting data for barley, barley straw and fodder, dry, therefore CCPR decided to retain these CXLs under 4 years Periodic Review Procedure (43-50).
FB	0264	Blackberries	1		CXL	10	43		2011	
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.4		CXL	10	43		2011	
FC	0001	Citrus fruits	0.05		CXL	10	43		2011	
SO	0691	Cotton seed	0.5		CXL	10	43		2011	
FB	0266	Dewberries (including boysenberry and loganberry)	1		CXL	10	43		2011	
MO	0105	Edible offal (mammalian)	0.2		CXL	10	43		2011	
VO	0440	Egg plant	0.3		CXL	10	43		2011	
DH	1100	Hops, Dry	20		CXL	10	43		2011	
GC	0645	Maize	0.05 (*)		CXL	10	43		2011	
AS	0645	Maize fodder (dry)	15		CXL	10	43		2011	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0345 Mango	0.5			7	10	45	43,44		The recommendations for mango, okra and papaya are based on reported use conditions provided appropriate protection of the crop, but were not supported by official information on uses (2010 JMPR). CCPR advanced the MRLs for mango, okra and papaya to Step 5 awaiting the authorized GAP to be submitted by Kenya (43:52). CCPR retained the MRLs for mango; okra and papaya at Step 7 awaiting information on authorized GAP to be submitted by Kenya before 2015 (44:42).
MM	0095 Meat (from mammals other than marine mammals)	3 (fat)			CXL	10	43		2011	
FM	0183 Milk fats	3			CXL	10	43		2011	
ML	0106 Milks	0.2			CXL	10	43		2011	
VL	0485 Mustard greens	4			CXL	10	43		2011	
VO	0442 Okra	0.2			7	10	45	43,44		The recommendations for mango, okra and papaya are based on reported use conditions provided appropriate protection of the crop, but were not supported by official information on uses (2010 JMPR). CCPR advanced the MRLs for mango, okra and papaya to Step 5 awaiting the authorized GAP to be submitted by Kenya (43:52). CCPR retained the MRLs for mango; okra and papaya at Step 7 awaiting information on authorized GAP to be submitted by Kenya before 2015 (44:42).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0350 Papaya	0.4			7	10	45	43,44		The recommendations for mango, okra and papaya are based on reported use conditions provided appropriate protection of the crop, but were not supported by official information on uses (2010 JMPR). CCPR advanced the MRLs for mango, okra and papaya to Step 5 awaiting the authorized GAP to be submitted by Kenya (43:52). CCPR retained the MRLs for mango; okra and papaya at Step 7 awaiting information on authorized GAP to be submitted by Kenya before 2015 (44:42).
AL	0072 Pea hay or pea fodder (dry)	0.7			CXL	10	43		2011	
VO	0051 Peppers	0.5			CXL	10	43		2011	
HS	0444 Peppers Chili, dried	5			CXL	10	43		2011	
VD	0070 Pulses	0.3			CXL	10	43		2011	
VL	0494 Radish leaves (including radish tops)	4			CXL	10	43		2011	
SO	0495 Rape seed	0.05			CXL	10	43		2011	
OR	0495 Rapeseed oil, Edible	0.1			CXL	10	43		2011	
FB	0272 Raspberries, Red, Black	1			CXL	10	43		2011	
VR	0075 Root and tuber vegetables	0.05			CXL	10	43		2011	
HS	0191 Spices, Fruits and Berries	0.03			CXL		43		2011	
HS	0193 Spices, Roots and Rhizomes	0.05			CXL		43		2011	
FB	0275 Strawberry	1			CXL				1995	
FB	0275 Strawberry	3			4	10	43			ARfD is exceeded. No alternative GAP is available (2010 JMPR). Due to short term intake concern identified by JMPR, CCPR retained the MRL at Step 4 awaiting data from the manufacturer to support a review of alternative GAP by JMPR in 2014 (43:53).
DT	1114 Tea, Green, Black (black, fermented and dried)	30			CXL	10	43		2011	
VO	0448 Tomato	0.3			CXL	10	43		2011	
TN	0085 Tree nuts	0.05			CXL	10	43		2011	
GC	0654 Wheat	0.5	Po		CXL	10	43		2011	
CM	0654 Wheat bran, Unprocessed	2	PoP		CXL	10	43		2011	
CF	1210 Wheat germ	1	Po		CXL	10	43		2011	

**179 Cycloxydim**

Main Uses: Herbicide

JMPR: 1992(TR), 1993(R), 2009(T), 2012(R)

ADI: 0-0.07 mg/kg body weight (1992). In 2009 JMPR reaffirmed the ADI established in 1992.

Acute RfD: 2 mg/kg bw for women of childbearing age - unnecessary for general population (2009)

Residue: For compliance with maximum residue levels and estimation of dietary intake in plant and animal commodities: Cycloxydim, metabolites and degradation products which can be oxidized to 3-(3-thianyl) glutaric acid S-dioxide and 3-hydroxy-3-(3-thianyl) glutaric acid S-dioxide, expressed as cycloxydim

The residue is not fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	30			CXL	12	45		2013	
VP 0061	Beans, except broad bean and soya bean	15		(green pods & immature seeds)	CXL	12	45		2013	
VR 0574	Beetroot	0.2			CXL	12	45		2013	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	9			CXL	12	45		2013	
VR 0577	Carrot	5			CXL	12	45		2013	
VR 0578	Celeriac	1			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	0.5			CXL	12	45		2013	
PE 0112	Eggs	0.15			CXL	12	45		2013	
FB 0269	Grapes	0.3			CXL	12	45		2013	
VL 4355	Kale, curly	3			CXL	12	45		2013	
VA 0384	Leek	4			CXL	12	45		2013	
VL 0482	Lettuce, Head	1.5			CXL	12	45		2013	
VL 0483	Lettuce, Leaf	1.5			CXL	12	45		2013	
SO 0693	Linseed	7			CXL	12	45		2013	
GC 0645	Maize	0.2			CXL	12	45		2013	
AS 0645	Maize fodder (dry)	2			CXL	12	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.06			CXL	12	45		2013	
ML 0106	Milks	0.02			CXL	12	45		2013	
VA 0385	Onion, Bulb	3			CXL	12	45		2013	
VD 0072	Peas (dry)	30			CXL	12	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	15			CXL	12	45		2013	
VO 0051	Peppers	9			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	90			CXL	12	45		2013	
FP 0009	Pome fruits	0.09	(*)		CXL	12	45		2013	
VR 0589	Potato	3			CXL	12	45		2013	
PF 0111	Poultry fats	0.03	(*)		CXL	12	45		2013	
PM 0110	Poultry meat	0.03	(*)		CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02			CXL	12	45		2013	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0495 Rape seed	7			CXL	12	45		2013	
GC	0649 Rice	0.09 (*)			CXL	12	45		2013	
AS	0649 Rice straw and fodder, Dry	0.09			CXL	12	45		2013	
VD	0541 Soya bean (dry)	80			CXL	12	45		2013	
FS	0012 Stone fruits	0.09 (*)			CXL	12	45		2013	
FB	0275 Strawberry	3			CXL	12	45		2013	
VR	0596 Sugar beet	0.2			CXL	12	45		2013	
SO	0702 Sunflower seed	6			CXL	12	45		2013	
VR	0497 Swede	0.2			CXL	12	45		2013	
VO	0448 Tomato	1.5			CXL	12	45		2013	

**180 Dithianon**

Main Uses: Fungicide

JMPR: 1992(TR), 1995(R), 2010(T), 2013(R),

ADI: 0.01 mg/kg body weight (2010)

Acute RfD: 0.1 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Dithianon

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0660 Almonds	0.05 (*)			3	2013	46			
FS	0013 Cherries	5			CXL	95	46	29	1997	Withdrawal recommended by the 2013 JMPR. The recommendation for cherries is withdrawn and replaced by a recommendation for stone fruit.
FB	0021 Currants, Black, Red, White	2			3	2013	46			
DF	0269 Dried grapes (=currants, raisins and sultanas)	3.5			3	2013	46			
MO	0105 Edible offal (mammalian)	0.01 (*)			3	2013	46			
PE	0112 Eggs	0.01 (*)			3	2013	46			
FB	0269 Grapes	3			CXL		46	28	1997	Withdrawal recommended by the 2013 JMPR. The recommendation for grapes is withdrawn and replaced by separate recommendations for table grapes and wine grapes.
DH	1100 Hops, Dry	100			CXL				1995	
DH	1100 Hops, Dry	300			3	2013	46			
FC	0206 Mandarin	3			CXL		46		1995	Withdrawal recommended by the 2013 JMPR
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			3	2013	46			
ML	0106 Milks	0.01 (*)			3	2013	46			
FP	0009 Pome fruits	5			CXL		28		1997	
FP	0009 Pome fruits	1			3	2013	46			
PM	0110 Poultry meat	0.01 (*)			3	2013	46			
PO	0111 Poultry, Edible offal of	0.01 (*)			3	2013	46			
FC	0005 Shaddocks or pomelos	3			CXL		46		1995	Withdrawal recommended by the 2013 JMPR
FS	0012 Stone fruits	2			3	2013	46			
FB	1235 Table-grapes	2			3	2013	46			
FB	1236 Wine-grapes	5			3	2013	46			

**181 Myclobutanil**

Main Uses: Fungicide

JMPR: 92, 97R, 97R, 98R (01R)

ADI: 0.03 mg/kg body weight (1992)

Acute RfD: N/A

Residue: Myclobutanil

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	2			CXL	98	32		2001	
MM	0812 Cattle meat	0.01 (*)			CXL				1995	
ML	0812 Cattle milk	0.01 (*)			CXL				1995	
MO	0812 Cattle, Edible offal of	0.01 (*)			CXL				1995	
FB	0278 Currant, Black	0.5			CXL	97	31		1999	
PE	0112 Eggs	0.01 (*)			CXL				1995	
FB	0269 Grapes	1			CXL		28		1997	
DH	1100 Hops, Dry	2			CXL	98	32		2001	
FS	0014 Plums (including prunes)	0.2		(except prunes)	CXL		28		1997	
FP	0009 Pome fruits	0.5			CXL		28		1997	
PM	0110 Poultry meat	0.01 (*)			CXL				1995	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL				1995	
DF	0014 Prunes	0.5			CXL				1995	
FS	0012 Stone fruits	2		(except plums)	CXL	97	32	31	2001	
FB	0275 Strawberry	1			CXL	97	32	31	2001	
VO	0448 Tomato	0.3			CXL				1999	

**182 Penconazole**

Main Uses: Fungicide

JMPR: 92, 95R

ADI: 0.03 mg/kg body weight (1992)

Acute RfD: N/A

Residue: Penconazole

Note: The compound was no longer supported at the international level. The Committee decided to postpone consideration of this compound due to periodic re-evaluation in 2005 (36-162).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0812 Cattle meat	0.05 (*)			CXL				1995	
ML	0812 Cattle milk	0.01 (*)			CXL				1995	
MO	0812 Cattle, Edible offal of	0.05 (*)			CXL				1995	
PE	0840 Chicken eggs	0.05 (*)			CXL				1995	
PM	0840 Chicken meat	0.05 (*)			CXL				1995	
VC	0424 Cucumber	0.1			CXL		28		1997	
DF	0269 Dried grapes (=currants, raisins and sultanas)	0.5			CXL		29		1997	
FB	0269 Grapes	0.2			CXL		29		1997	
DH	1100 Hops, Dry	0.5			CXL				1995	
VC	0046 Melons, except watermelon	0.1			CXL		28		1997	
FS	0245 Nectarine	0.1			CXL				1995	
FS	0247 Peach	0.1			CXL				1995	
FP	0009 Pome fruits	0.2			CXL		29		1997	
FB	0275 Strawberry	0.1			CXL		28		1997	
VO	0448 Tomato	0.2			CXL		28		1997	

**184 Etofenprox**

Main Uses: Insecticide

JMPR: 1993(TR), 2011(TR)

ADI: 0-0.03 mg/kg body weight (1993). In 2011 JMPR confirmed the ADI established in 1993.

Acute RfD: 1 mg/kg body weight (2011)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): Etofenprox

The residue is fat soluble

Note: CCPR 36: The Committee recalled that the compound was no longer supported at the international level. However, as the compound has not yet been scheduled for period re-evaluation, the Committee decided to postpone consideration of this compound (36-162).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.6			CXL	11	44		2012	
VD 0071	Beans (dry)	0.05			CXL	11	44		2012	
DF 0269	Dried grapes (=currants, raisins and sultanas)	8			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.05			CXL	11	44		2012	
PE 0112	Eggs	0.01		(*)	CXL	11	44		2012	
FB 0269	Grapes	4			CXL	11	45	44	2013	
GC 0645	Maize	0.05		(*)	CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.5		(fat)	CXL	11	44		2012	
ML 0106	Milks	0.02			CXL	11	44		2012	
FS 0245	Nectarine	0.6			CXL	11	44		2012	
FS 0247	Peach	0.6			CXL	11	44		2012	
FP 0230	Pear	0.6			CXL	11	44		2012	
PM 0110	Poultry meat	0.01		(*)	CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	11	44		2012	
SO 0495	Rape seed	0.01		(*)	CXL	11	44		2012	
GC 0649	Rice	0.01		(*)	CXL	11	44		2012	
AS 0649	Rice straw and fodder, Dry	0.05			CXL	11	44		2012	



**185 Fenpropathrin**

Main Uses: Insecticide

JMPR: 93, 06R

ADI: 0-0.03 mg/kg body weight (1993, confirmed 2006)

Acute RfD: 0.03 mg/kg body weight (2012)

Residue: For compliance with the MRLs and for estimation of the dietary intake: Fenpropathrin

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0812	Cattle meat	0.5	(fat)	CXL		28		1997	
ML	0812	Cattle milk	0.1	F	CXL		28		1997	
MO	0812	Cattle, Edible offal of	0.05		CXL				1995	
SO	0691	Cotton seed	1		CXL				1995	
OC	0691	Cotton seed oil, Crude	3		CXL				1995	
VO	0440	Egg plant	0.2		CXL		28		1997	
PE	0112	Eggs	0.01	(*)	CXL				1995	
VC	0425	Gherkin	0.2		CXL				1995	
FB	0269	Grapes	5		CXL		28		1997	
HS	0444	Peppers Chili, dried	10		CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimiento)	1		CXL				1995	
FP	0009	Pome fruits	5		CXL				1995	
PM	0110	Poultry meat	0.02	(fat)	CXL				1995	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL				1995	
DT	1114	Tea, Green, Black (black, fermented and dried)	2		CXL	06	39		2007	
VO	0448	Tomato	1		CXL				1995	

**187 Clethodim**

Main Uses: Herbicide

JMPR: 94, 97R, 99, 02R

ADI: 0.01 mg/kg body weight (1994)

Acute RfD: Unnecessary (1999)

Residue: Sum of clethodim and its metabolites containing 5-(2-ethylthiopropyl)cyclohexene-3-one and 5-(2-ethylthiopropyl)-5-hydroxycyclohexene-3-one moieties and their sulfoxides and sulphones, expressed as clethodim

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	10			CXL	97	35	31-34	2003	
AL	0061 Bean fodder	10			CXL	99	35	33,34	2003	
VD	0071 Beans (dry)	2			CXL	99	35	28,31-34	2003	
VP	0061 Beans, except broad bean and soya bean	0.5 (*)			CXL	97	35	31-34	2003	
SO	0691 Cotton seed	0.5			CXL	94	35	28,31-34	2003	
OC	0691 Cotton seed oil, Crude	0.5 (*)			CXL	94,97	35	28,31-34	2003	
OR	0691 Cotton seed oil, Edible	0.5 (*)			CXL	94,97	35	28,31-33	2003	
MO	0105 Edible offal (mammalian)	0.2 (*)			CXL	99	35	33,34	2003	
PE	0112 Eggs	0.05 (*)			CXL	99	35	33	2003	
VD	0561 Field pea (dry)	2			CXL	94,97	35	28,31-34	2003	
AM	1051 Fodder beet	0.1 (*)			CXL	97	35	31-34	2003	
VA	0381 Garlic	0.5			CXL	97	35	31-34	2003	
MM	0095 Meat (from mammals other than marine mammals)	0.2 (*)			CXL	99	35	33,34	2003	
ML	0106 Milks	0.05 (*)			CXL	99	35	33,34	2003	
VA	0385 Onion, Bulb	0.5			CXL	97	35	31-34	2003	
SO	0697 Peanut	5			CXL	97	35	31-34	2003	
VR	0589 Potato	0.5			CXL	99	35	28,31,33,34	2003	
PM	0110 Poultry meat	0.2 (*)			CXL	99	35	33,34	2003	
PO	0111 Poultry, Edible offal of	0.2 (*)			CXL	99	35	33	2003	
SO	0495 Rape seed	0.5			CXL	94	35	28,31-34	2003	
OC	0495 Rape seed oil, Crude	0.5 (*)			CXL	94,97	35	28,31-34	2003	
OR	0495 Rapeseed oil, Edible	0.5 (*)			CXL	94,97	35	28,31-34	2003	
VD	0541 Soya bean (dry)	10			CXL	94	35	28,31-34	2003	
OC	0541 Soya bean oil, Crude	1			CXL	94	35	28,31-34	2003	
OR	0541 Soya bean oil, Refined	0.5 (*)			CXL	94,97	35	28,31-34	2003	
VR	0596 Sugar beet	0.1			CXL	94,97	35	28,31-34	2003	
SO	0702 Sunflower seed	0.5			CXL	99	35	28,31,33,34	2003	
OC	0702 Sunflower seed oil, crude	0.1 (*)			CXL	99	35	28,31,33,34	2003	
VO	0448 Tomato	1			CXL	97	35	31-34	2003	

**188 Fenpropimorph**

Main Uses: Fungicide

JMPR: 94T, 95R, 99R, 01T, 04T

ADI: 0-0.003 mg/kg body weight (1994)

Acute RfD: 0.2 mg/kg body weight (2004)

Residue: Plant products: Fenpropimorph

Animal products: 2-Methyl-2-{4-[2-methyl-3-(cis-2,6-dimethylmorpholin-4-yl)propyl]phenyl}propionic acid, expressed as fenpropimorph

Note: Previous ARfD 1 (2001)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	2			CXL	99	34	33	2003	
GC	0640 Barley	0.5			CXL	95	33	29	2001	
AS	0640 Barley straw and fodder, Dry	5			CXL	95	33	29	2001	
PE	0112 Eggs	0.01	(*)		CXL	99	33		2001	
MO	0098 Kidney of cattle, goats, pigs and sheep	0.05			CXL	99	33		2001	
MO	0099 Liver of cattle, goats, pigs & sheep	0.3			CXL	99	33		2001	
MF	0100 Mammalian fats (except milk fats)	0.01			CXL	99	33		2001	
MM	0095 Meat (from mammals other than marine mammals)	0.02			CXL	99	33		2001	
ML	0106 Milks	0.01			CXL	99	33		2001	
AS	0647 Oat straw and fodder, Dry	5			CXL	95	33	29	2001	
GC	0647 Oats	0.5			CXL	95	33	29	2001	
PF	0111 Poultry fats	0.01	(*)		CXL	99	33		2001	
PM	0110 Poultry meat	0.01	(*)		CXL	99	33		2001	
PO	0111 Poultry, Edible offal of	0.01	(*)		CXL	99	33		2001	
GC	0650 Rye	0.5			CXL	95	33	29	2001	
AS	0650 Rye straw and fodder, Dry	5			CXL	95	33	29	2001	
VR	0596 Sugar beet	0.05	(*)		CXL	95	33	29	2001	
GC	0654 Wheat	0.5			CXL	95	33	29	2001	
AS	0654 Wheat straw and fodder, Dry	5			CXL	95	33	29	2001	

**189 Tebuconazole**

Main Uses: Fungicide

JMPR: 1994(TR), 1997(R), 2008(R), 2010(T), 2011(R)

ADI: 0-0.03 mg/kg body weight (1994). In 2010 JMPR reaffirmed the ADI established in 1994.

Acute RfD: 0.3 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Tebuconazole

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	1			CXL	11	44	43	2012	
FS	0240 Apricot	2			CXL	11	44		2012	
VS	0620 Artichoke, Globe	0.6			CXL	11	44		2012	
FI	0327 Banana	0.05			CXL	11	44		2012	
GC	0640 Barley	2			CXL	11	44		2012	
AS	0640 Barley straw and fodder, Dry	40			CXL	11	44		2012	
VD	0071 Beans (dry)	0.3			CXL	11	44		2012	
VB	0400 Broccoli	0.2			CXL	11	44		2012	
VB	0402 Brussels sprouts	0.3			CXL	11	44		2012	
VB	0041 Cabbages, Head	1			CXL	11	44		2012	
VR	0577 Carrot	0.4			CXL	11	44		2012	
VB	0404 Cauliflower	0.05	(*)		CXL	11	44		2012	
FS	0013 Cherries	4			CXL	11	44		2012	
SB	0716 Coffee beans	0.1			CXL	11	44		2012	
VP	0526 Common bean (pods and/or immature seeds)	2			7	08	45	43,44		CCPR retained the MRL at Step 7 awaiting data to be submitted by Kenya before 2015 (44:51)
SO	0691 Cotton seed	2			CXL	11	44		2012	
VC	0424 Cucumber	0.15			CXL	11	44		2012	
DF	0269 Dried grapes (=currants, raisins and sultanas)	7			CXL	11	44		2012	
MO	0105 Edible offal (mammalian)	0.2			CXL	11	44		2012	
VO	0440 Egg plant	0.1			CXL	11	44		2012	
PE	0112 Eggs	0.05	(*)		CXL	11	44		2012	
FB	0267 Elderberries	1.5			CXL	11	44		2012	
VA	0381 Garlic	0.1			CXL	11	44		2012	
FB	0269 Grapes	6			CXL	11	44		2012	
DH	1100 Hops, Dry	40			CXL	11	44		2012	
VA	0384 Leek	0.7			CXL	11	44		2012	
VL	0482 Lettuce, Head	5			CXL	08	43	44	2012	
FI	0345 Mango	0.05			CXL	11	44		2012	
MM	0095 Meat (from mammals other than marine mammals)	0.05	(*)		CXL	11	44		2012	
VC	0046 Melons, except watermelon	0.15			CXL	11	44		2012	
ML	0106 Milks	0.01	(*)		CXL	11	44		2012	
FS	0245 Nectarine	2			CXL	11	44		2012	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0647	Oats			CXL	11	44		2012	
FT	0305	Olives			CXL	11	44		2012	
VA	0385	Onion, Bulb			CXL	11	44		2012	
FI	0350	Papaya			CXL	11	44		2012	
FI	0351	Passion fruit			CXL	11	44		2012	
FS	0247	Peach			CXL	11	44		2012	
SO	0697	Peanut			CXL	11	44		2012	
AL	0697	Peanut fodder			CXL	11	44		2012	
FP	0230	Pear			CXL	11	44		2012	
HS	0444	Peppers Chili, dried			CXL	11	44		2012	
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL	11	44		2012	
FS	0014	Plums (including prunes)		(except prunes)	CXL	11	44		2012	
PM	0110	Poultry meat			CXL	11	44		2012	
PO	0111	Poultry, Edible offal of			CXL	11	44		2012	
DF	0014	Prunes			CXL	11	44		2012	
SO	0495	Rape seed			CXL	11	44		2012	
GC	0649	Rice			CXL	11	44		2012	
GC	0650	Rye			CXL	11	44		2012	
AS	0650	Rye straw and fodder, Dry			CXL	11	44		2012	
VD	0541	Soya bean (dry)			CXL	11	44		2012	
VC	0431	Squash, summer			CXL	11	44		2012	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	11	44		2012	
VO	0448	Tomato			CXL	11	44		2012	
TN	0085	Tree nuts			CXL	11	44		2012	
GC	0653	Triticale			CXL	11	44		2012	
VC	0432	Watermelon			7	08	43			The Committee noted the acute intake concern expressed by the EU and decided to retain all the draft MRLs at Step 7, awaiting the outcome of the JMPR evaluation for toxicology (2010) and residues (2011) (42-62). Recommendation of the 2008 JMPR. Withdrawal recommended by the 2011 JMPR.
GC	0654	Wheat			CXL	11	44		2012	
AS	0654	Wheat straw and fodder, Dry			CXL	11	44		2012	

**190 Teflubenzuron**

Main Uses: Insect growth regulator

JMPR: 94T, 96R

ADI: 0.01 mg/kg body weight (1994)

Acute RfD: N/A

Residue: Teflubenzuron (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0402	Brussels sprouts	0.5		CXL	96	30		1999	
VB	0041	Cabbages, Head	0.2		CXL	96	30		1999	
FS	0014	Plums (including prunes)	0.1		CXL	96	30		1999	
FP	0009	Pome fruits	1		CXL	96	30		1999	
VR	0589	Potato	0.05	(*)	CXL	96	30		1999	

**191 Tolclofos-Methyl**

Main Uses: Fungicide

JMPR: 94

ADI: 0.07 mg/kg body weight (1994)

Acute RfD: N/A

Residue: Tolclofos-methyl

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0482	Lettuce, Head	2		CXL	94	28		1997	
VL	0483	Lettuce, Leaf	2		CXL	94	28		1997	
VR	0589	Potato	0.2		CXL	94	28		1997	
VR	0494	Radish	0.1		CXL	94	28		1997	

**192 Fenarimol**

Main Uses: Fungicide

JMPR: 95, 96R

ADI: 0.01 mg/kg body weight (1995)

Acute RfD: N/A

Residue: Fenarimol

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB	0226	Apple pomace, dry			CXL	95,96	30	29	1999	
VS	0620	Artichoke, Globe			CXL	95,96	30	29	1999	
FI	0327	Banana			CXL	95,96	30	29	1999	
MO	1280	Cattle kidney		(*)	CXL	95,96	30	29	1999	
MO	1281	Cattle liver			CXL	95,96	30	29	1999	
MM	0812	Cattle meat		(*)	CXL	95,96	30	29	1999	
FS	0013	Cherries			CXL	95,96	30	29	1999	
DF	0269	Dried grapes (=currants, raisins and sultanas)			CXL	95,96	30	29	1999	
FB	0269	Grapes			CXL	95,96	30	29	1999	
DH	1100	Hops, Dry			CXL	96	30		1999	
VC	0046	Melons, except watermelon			CXL	95,96	30	29	1999	
FS	0247	Peach			CXL	95,96	30	29	1999	
TN	0672	Pecan		(*)	CXL	95,96	30	29	1999	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimienta)			CXL	95,96	30	29	1999	
FP	0009	Pome fruits			CXL	95,96	30	29	1999	
FB	0275	Strawberry		T	CXL	95,96	30		1999	



**193 Fenpyroximate**

Main Uses: Acaricide

JMPR: 1995(TR), 1999(R), 2004(T), 2007(T), 2010(R), 2013(R)

ADI: 0-0.01 mg/kg body weight (1995)

Acute RfD: 0.02 mg/kg body weight (2007)

Residue: For both plant and animal commodities for compliance with the MRL and for estimation of dietary intake: Fenpyroximate

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0326	Avocado	0.2		3	2013	46			
MO	1280	Cattle kidney	0.01 (*)		CXL	99	46	33-34	2003	Withdrawal recommended by the 2013 JMPR
MO	1281	Cattle liver	0.01 (*)		CXL	99	46	33-34	2003	Withdrawal recommended by the 2013 JMPR
MM	0812	Cattle meat	0.02 (fat)		CXL	99	46	34-37	2005	Withdrawal recommended by the 2013 JMPR
ML	0812	Cattle milk	0.005 (*) F		CXL	99	46	34-37	2005	Withdrawal recommended by the 2013 JMPR
FS	0013	Cherries	2		3	2013	46			
FC	0001	Citrus fruits	0.5	(excluding kumquats)	CXL	10	45	43	2013	
VP	0526	Common bean (pods and/or immature seeds)	0.4		3	2013	46			
VC	0424	Cucumber	0.03		CXL	10	43		2011	
VC	0424	Cucumber	0.3		3	2013	46			
DF	0269	Dried grapes (=currants, raisins and sultanas)	0.3		CXL	10	43		2011	
MO	0105	Edible offal (mammalian)	0.02		3	2013	46			
VO	0050	Fruiting vegetables other than cucurbits	0.2	(except sweet corn and mushrooms)	CXL	10	43		2011	
FB	0269	Grapes	0.1		CXL	10	43		2011	
DH	1100	Hops, Dry	10		CXL	99	34	33	2003	
MM	0095	Meat (from mammals other than marine mammals)	0.2 (fat)		3	2013	46			
VC	0046	Melons, except watermelon	0.05 (*)		CXL	10	43		2011	
ML	0106	Milks	0.01 (*)		3	2013	46			
HS	0444	Peppers Chili, dried	1		CXL	10	43		2011	
FP	0009	Pome fruits	0.3		CXL	10	43		2011	
VR	0589	Potato	0.05		3	2013	46			
DF	0014	Prunes	0.7		3	2013	46			
FS	0012	Stone fruits	0.4	(except cherries)	3	2013	46			
FB	0275	Strawberry	0.8		3	2013	46			
TN	0085	Tree nuts	0.05 (*)		CXL	10	43		2011	

**194 Haloxyfop**

Main Uses: Herbicide

JMPR: 95, 96R, 01R, 06T

ADI: 0-0.0007 mg/kg body weight (2006)

Acute RfD: 0.08 mg/kg body weight (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sum of haloxyfop (including haloxyfop-P), its esters and its conjugates expressed as haloxyfop

Note: Previous ADI - 0.0003 mg/kg bw (1995). The Committee decided to retain all the draft MRLs at Step 4 and Step 7 awaiting the review by JMPR 2009 evaluation (41-118).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.02 (*)			CXL	09	42		2010	
VD 0071	Beans (dry)	3			CXL	09	43		2011	
VP 0061	Beans, except broad bean and soya bean	0.5			CXL	09	43		2011	
VD 0524	Chick-pea (dry)	0.05			CXL	09	43		2011	
FC 0001	Citrus fruits	0.02 (*)			CXL	09	43		2011	
SB 0716	Coffee beans	0.02 (*)			CXL	09	42		2010	
SO 0691	Cotton seed	0.7			CXL	09	43		2011	
MO 0105	Edible offal (mammalian)	2			CXL	09	43		2011	
PE 0112	Eggs	0.1			CXL	09	43		2011	
AM 1051	Fodder beet	0.4			CXL	09	43		2011	
FB 0269	Grapes	0.02 (*)			CXL	09	42		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	09	43		2011	
FM 0183	Milk fats	7			CXL	09	43		2011	
ML 0106	Milks	0.3			CXL	09	43		2011	
VA 0385	Onion, Bulb	0.2			CXL	09	42		2010	
AL 0697	Peanut fodder	5			CXL	09	43		2011	
VD 0072	Peas (dry)	0.2			CXL	09	43		2011	
VP 0063	Peas (pods and succulent=immature seeds)	0.7			CXL	09	43		2011	
VP 0064	Peas, Shelled (succulent seeds)	1			CXL	09	43		2011	
FP 0009	Pome fruits	0.02 (*)			CXL	09	43		2011	
PM 0110	Poultry meat	0.7 (fat)			CXL	09	43		2011	
PO 0111	Poultry, Edible offal of	0.7			CXL	09	43		2011	
SO 0495	Rape seed	3			CXL	09	43		2011	
VD 0541	Soya bean (dry)	2			CXL	09	43		2011	
FS 0012	Stone fruits	0.02 (*)			CXL	09	42		2010	
VR 0596	Sugar beet	0.4			CXL	09	43		2011	
SO 0702	Sunflower seed	0.3			CXL	09	43		2011	

**195 Flumethrin**

Main Uses: Insecticide

JMPR: 96

ADI: 0.004 mg/kg body weight (1996)

Acute RfD: N/A

Residue: Flumethrin (fat-soluble)

Note: The 1996 JMPR proposed an MRL of 0.005 mg/kg (\*) for honey which has not been included in the Classification of Foods and Animal Feeds

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0812 Cattle meat	0.2 (fat) V		On carcass fat basis. The MRL accommodates external animal treatment.	CXL	96	30		1999	
ML	0812 Cattle milk	0.05 F V		On carcass fat basis. The MRL accommodates external animal treatment.	CXL	96	30		1999	

**196 Tebufenozide**

Main Uses: Insecticide

JMPR: 96, 97R, 99R, 01, 03

ADI: 0-0.02 mg/kg body weight (1996)

Acute RfD: 0.9 mg/kg body weight (2003)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Tebufenozide

The residue is fat-soluble

Note: Previous Acute RfD: 0.05 mg/kg/bw (2001 JMPR)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	30			CXL	01	36	34,35	2004	
TN	0660 Almonds	0.05			CXL	01	36	34,35	2004	
FI	0326 Avocado	1			CXL	01	36	34,35	2004	
FB	0020 Blueberries	3			CXL	01	36	34,35	2004	
VB	0400 Broccoli	0.5			CXL	01	36	34,35	2004	
VB	0041 Cabbages, Head	5			CXL	01	36	34,35	2004	
ML	0812 Cattle milk	0.05			CXL	01	36	34,35	2004	
FC	0001 Citrus fruits	2		(excluding kumquats)	CXL	01	45	34-36	2013	
FB	0265 Cranberry	0.5			CXL	01	36	34,35	2004	
DF	0269 Dried grapes (=currants, raisins and sultanas)	2			CXL	01	36	34,35	2004	
MO	0105 Edible offal (mammalian)	0.02		(*)	CXL	03	36		2004	
PE	0112 Eggs	0.02		(*)	CXL	01	36	34,35	2004	
FB	0269 Grapes	2			CXL	01	36	35	2004	
FI	0341 Kiwifruit	0.5			CXL	97	31		1999	
VL	0053 Leafy vegetables	10			CXL	01	36	34,35	2004	
MM	0095 Meat (from mammals other than marine mammals)	0.05		(fat)	CXL	03	36		2004	
ML	0106 Milks	0.01		(*)	CXL	03	36		2004	
HH	0738 Mints	20			CXL	01	36	34,35	2004	
FS	0245 Nectarine	0.5			CXL	01	36	34,35	2004	
FS	0247 Peach	0.5			CXL	01	36	34,35	2004	
TN	0672 Pecan	0.01		(*)	CXL	01	36	34,35	2004	
VO	0051 Peppers	1			CXL	01	36	35	2004	
HS	0444 Peppers Chili, dried	10			CXL	04	38	37	2006	
FP	0009 Pome fruits	1			CXL	96,99	30		1999	
PM	0110 Poultry meat	0.02		(*)	CXL	01	36	34,35	2004	
SO	0495 Rape seed	2			CXL	01	36	34,35	2004	
FB	0272 Raspberries, Red, Black	2			CXL	01	36	34,35	2004	
CM	0649 Rice, Husked	0.1			CXL	96	30		1999	
GS	0659 Sugar cane	1			CXL	01	36	34,35	2004	
VO	0448 Tomato	1			CXL	01	36	34,35	2004	
TN	0678 Walnuts	0.05			CXL	96	30		1999	

**197 Fenbuconazole**

Main Uses: Fungicide

JMPR: 1997(TR), 2009(R), 2012(T), 2013(R)

ADI: 0-0.03 mg/kg body weight (1997)

Acute RfD: 0.2 mg/kg body weight (2012)

Residue: For compliance with the MRL and for estimation of dietary intake, for plant and animal commodities: Fenbuconazole

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	3			CXL	09	45	43,44	2013	
AB	0226 Apple pomace, dry	1			CXL	09	45	43	2013	
FS	0240 Apricot	0.5			CXL	97	32	31	2001	
FI	0327 Banana	0.05			CXL	97	31		1999	
GC	0640 Barley	0.2			CXL	97	32	31	2001	
CM	0640 Barley bran, unprocessed	1			CXL	09	45	43,44	2013	
AS	0640 Barley straw and fodder, Dry	3			CXL	97	32	31	2001	
FB	0020 Blueberries	0.5			CXL	09	45	43,44	2013	
FS	0013 Cherries	1			CXL	97	31		1999	
FC	0001 Citrus fruits	0.5		(except lemons and limes)	3	2013	46			
OR	0001 Citrus oil, edible	30		(except lemons and limes)	3	2013	46			
As	0001 Citrus pulp, Dry	4			3	2013	46			
FB	0265 Cranberry	1			CXL	09	45	43,44	2013	
VC	0424 Cucumber	0.2			CXL	97	31		1999	
MO	0105 Edible offal (mammalian)	0.1			CXL	09	45	43,44	2013	
PE	0112 Eggs	0.01	(*)		CXL	09	42		2010	
FB	0269 Grapes	1			CXL	97	31		1999	
FC	0002 Lemons and limes	1		(including citron)	3	2013	46			
MM	0095 Meat (from mammals other than Marine mammals)	0.01			CXL	09	45	43,44	2013	
VC	0046 Melons, except watermelon	0.2			CXL	97	31		1999	
ML	0106 Milks	0.01	(*)		CXL	09	42		2010	
FS	0247 Peach	0.5			CXL	97	32	31	2001	
SO	0697 Peanut	0.1			CXL	09	45	43,44	2013	
AL	0697 Peanut fodder	15			CXL	09	45	43,44	2013	
VO	0051 Peppers	0.6			CXL	09	45	43,44	2013	
HS	0444 Peppers Chili, dried	2			CXL	09	45	43,44	2013	
FS	0014 Plums (including prunes)	0.3			CXL	09	45	43,44	2013	
FP	0009 Pome fruits	0.5			CXL	09	45	43,44	2013	
PM	0110 Poultry meat	0.01	(*)		CXL	09	42		2010	
PO	0111 Poultry, Edible offal of	0.01	(*)		CXL	09	42		2010	
SO	0495 Rape seed	0.05	(*)		CXL	97	32	31	2001	
GC	0650 Rye	0.1			CXL	97	31		1999	
VC	0431 Squash, summer	0.05			CXL	97	31		1999	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0702 Sunflower seed	0.05 (*)			CXL	97	31		1999	
TN	0085 Tree nuts	0.01 (*)			CXL	09	42		2010	
GC	0654 Wheat	0.1			CXL	97	31		1999	
AS	0654 Wheat straw and fodder, Dry	3			CXL	97	31		1999	

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**199 Kresoxim-Methyl**

Main Uses: Fungicide

JMPR: 98, 01R

ADI: 0.4 mg/kg body weight (1998)

Acute RfD: Unnecessary (1998)

Residue: Plant commodities: Kresoxim-methyl

Animal commodities: Alpha-(p-hydroxy-o-tolyloxy)-o-tolyl(methoxyimino)acetic acid, expressed as kresoxim-methyl

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley	0.1		CXL	98	34	32	2003	
VC	0424	Cucumber	0.05	(*)	CXL	98	32		2001	
DF	0269	Dried grapes (=currants, raisins and sultanas)	2		CXL	98	32		2001	
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	98	34	32	2003	
FC	0203	Grapefruit	0.5		CXL	01	35	34	2003	
FB	0269	Grapes	1		CXL	98	32		2001	
MF	0100	Mammalian fats (except milk fats)	0.05	(*)	CXL	98	34	32	2003	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	CXL	98	34	32	2003	
ML	0106	Milks	0.01	(*)	CXL	98	34	32	2003	
OC	0305	Olive oil, Virgin	0.7		CXL	01	35	34	2003	
FT	0305	Olives	0.2		CXL	01	35	34	2003	
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.5		CXL	01	35	34	2003	
FP	0009	Pome fruits	0.2		CXL	98	34	32	2003	
PM	0110	Poultry meat	0.05	(*)	CXL	98	34	32	2003	
GC	0650	Rye	0.05	(*)	CXL	98	32		2001	
AS	0081	Straw and fodder (dry) of cereal grains	5		CXL	98	32		2001	
GC	0654	Wheat	0.05	(*)	CXL	98	32		2001	

**200 Pyriproxifen**

Main Uses: Insecticide

JMPR: 99, 00R, 01T

ADI: 0.1 mg/kg body weight (1999)

Acute RfD: Unnecessary (1998)

Residue: Pyriproxifen (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0812	Cattle meat	0.01	(*) (fat)	CXL	99	34	33	2003	
MO	0812	Cattle, Edible offal of	0.01	(*)	CXL	99	34	33	2003	
FC	0001	Citrus fruits	0.5		CXL		33		2001	
SO	0691	Cotton seed	0.05		CXL	99	34	33	2003	
OC	0691	Cotton seed oil, Crude	0.01		CXL	99	34	33	2003	
OR	0691	Cotton seed oil, Edible	0.01		CXL	99	34	33	2003	
MM	0814	Goat meat	0.01	(*) (fat)	CXL	99	34	33	2003	
MO	0814	Goat, Edible offal of	0.01	(*)	CXL	99	34	33	2003	



**201 Chlorpropham**

Main Uses: Plant growth regulator

JMPR: 00T, 01R, 05T'

ADI: 0-0.05 mg/kg body weight (2005)

Acute RfD: 0.5 mg/kg body weight (2005)

Residue: Chlorpropham (fat-soluble)

Note: Previous Acute RfD 0.03 mg/kg bw (2000 JMPR)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM 0812	Cattle meat	0.1 (fat)			CXL 01		38	34,35,37	2006	
MO 0812	Cattle, Edible offal of	0.01 (*)			CXL 01		38	34,35,37	2006	
FM 0183	Milk fats	0.02			CXL 08		41		2009	
ML 0106	Milks	0.01 (*)			CXL 08		41		2009	
VR 0589	Potato	30 Po			CXL 01		38	34,35,37	2006	

**202 Fipronil**

Main Uses: Insecticide

JMPR: 00T, 01R', 05T

ADI: 0.0002 mg/kg body weight Group ADI for fipronil and fipronil-desulfinyl [5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylpyrazole (MB 46513)] (JMPR 2000)

Acute RfD: 0.003 mg/kg body weight for fipronil and fipronil-desulfinyl, alone or in combination (2000)

Residue: Plant commodities: Fipronil (fat-soluble)

Animal commodities: Sum of fipronil and 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylsulphonylpyrazole (MB 46136), expressed as fipronil (fat-soluble)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.005			CXL 01		35	34	2003	
GC 0640	Barley	0.002 (*)			CXL 01		35	34	2003	
VB 0041	Cabbages, Head	0.02			CXL 01		35	34	2003	
MO 1280	Cattle kidney	0.02			CXL 01		35	34	2003	
MO 1281	Cattle liver	0.1			CXL 01		35	34	2003	
MM 0812	Cattle meat	0.5 (fat)			CXL 01		35	34	2003	
ML 0812	Cattle milk	0.02			CXL 01		35	34	2003	
PE 0112	Eggs	0.02			CXL 01		35	34	2003	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.02			CXL 01		35	34	2003	
GC 0645	Maize	0.01			CXL 01		35	34	2003	
AS 0645	Maize fodder (dry)	0.1	dry wt		CXL 01		35	34	2003	
GC 0647	Oats	0.002 (*)			CXL 01		35	34	2003	
VR 0589	Potato	0.02			CXL 01		35	34	2003	
PM 0110	Poultry meat	0.01 (*)			CXL 01		35	34	2003	
PO 0111	Poultry, Edible offal of	0.02			CXL 01		35	34	2003	
GC 0649	Rice	0.01			CXL 01		35	34	2003	
AS 0649	Rice straw and fodder, Dry	0.2	dry wt		CXL 01		35	34	2003	
GC 0650	Rye	0.002 (*)			CXL 01		35	34	2003	
VR 0596	Sugar beet	0.2			CXL 01		35	34	2003	
SO 0702	Sunflower seed	0.002 (*)			CXL 01		35	34	2003	
GC 0653	Triticale	0.002 (*)			CXL 01		35	34	2003	
GC 0654	Wheat	0.002 (*)			CXL 01		35	34	2003	

**203 Spinozad**

Main Uses: Insecticide

JMPR: 01, 04R

ADI: 0-0.02 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Sum of spinosyn A and spinosyn D

The residue is fat-soluble

(Residues in milk should be determined in the whole milk)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.1			CXL	01	36	34,35	2004	
FB	0264 Blackberries	1			CXL	11	44		2012	
FB	0020 Blueberries	0.4			CXL	11	44		2012	
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	01	35		2004	
MO	1280 Cattle kidney	1		The MRL accommodates external animal treatment	CXL	01	35	34	2003	
MO	1281 Cattle liver	2		The MRL accommodates external animal treatment	CXL	01	35	34	2003	
MM	0812 Cattle meat	3	(fat)	The MRL accommodates external animal treatment	CXL	01	35	34	2003	
ML	0812 Cattle milk	1		The MRL accommodates external animal treatment	CXL	01	36	34,35	2004	
FM	0812 Cattle milk fat	5			CXL	04	37		2005	
VS	0624 Celery	2			CXL	01	35	34	2003	
GC	0080 Cereal grains	1	Po		CXL	04	37		2005	
FC	0001 Citrus fruits	0.3			CXL	01	35	34	2003	
SO	0691 Cotton seed	0.01	(*)		CXL	01	35	34	2003	
OC	0691 Cotton seed oil, Crude	0.01	(*)		CXL	01	35	34	2003	
OR	0691 Cotton seed oil, Edible	0.01	(*)		CXL	01	35	34	2003	
FB	0265 Cranberry	0.02			CXL	11	44		2012	
FB	0266 Dewberries (including boysenberry and loganberry)	1			CXL	11	44		2012	
DF	0269 Dried grapes (=currants, raisins and sultanas)	1			CXL	04	37		2005	
MO	0105 Edible offal (mammalian)	0.5		(except cattle)	CXL	04	37		2005	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PE	0112 Eggs	0.01			CXL	01	35	34	2003	
VC	0045 Fruiting vegetables, Cucurbits	0.2			CXL	01	35	34	2003	
FB	0269 Grapes	0.5			CXL	04	37		2005	
FI	0341 Kiwifruit	0.05			CXL	01	35	34	2003	
VL	0053 Leafy vegetables	10			CXL	01	36	34,35	2004	
VP	0060 Legume vegetables	0.3			CXL	01	35	34	2003	
AS	0645 Maize fodder (dry)	5			CXL	01	35	34	2003	
MM	0095 Meat (from mammals other than marine mammals)	2	(fat)		CXL	04	37		2005	
VA	0385 Onion, Bulb	0.1			CXL	11	44		2012	
FI	0351 Passion fruit	0.7			CXL	11	44		2012	
VO	0051 Peppers	0.3			CXL	01	35	34	2003	
HS	0444 Peppers Chili, dried	3			CXL	04	38	37	2006	
VR	0589 Potato	0.01	(*)		CXL	01	35	34	2003	
PM	0110 Poultry meat	0.2	(fat)		CXL	01	35	34	2003	
FB	0272 Raspberries, Red, Black	1			CXL	11	44		2012	
VD	0541 Soya bean (dry)	0.01	(*)		CXL	01	35	34	2003	
VA	0389 Spring Onion	4			CXL	11	44		2012	
FS	0012 Stone fruits	0.2			CXL	01	35	34	2003	
VO	0447 Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	01	35	34	2003	
VO	0448 Tomato	0.3			CXL	01	35	34	2003	
TN	0085 Tree nuts	0.07			CXL	11	44		2012	
CM	0654 Wheat bran, Unprocessed	2			CXL	04	37		2005	
AS	0654 Wheat straw and fodder, Dry	1			CXL	01	35	34	2003	

**204 Esfenvalerate**

Main Uses: Insecticide

JMPR: 2002 (TR)

ADI: 0-0.02 mg/kg body weight (2002)

Acute RfD: 0.02 mg/kg body weight (2002)

Residue: Sum of fenvalerate isomers (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0691 Cotton seed	0.05			CXL	02	45	43,44	2013	
PE	0112 Eggs	0.01 (*)			CXL	02	36	35	2004	
PM	0110 Poultry meat	0.01 (*) (fat)			CXL	02	36	35	2004	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	02	36	35	2004	
SO	0495 Rape seed	0.01 (*)			CXL	02	36	35	2004	
VO	0448 Tomato	0.1			CXL	02	45	43,44	2013	
GC	0654 Wheat	0.05			CXL	02	45	43,44	2013	
AS	0654 Wheat straw and fodder, Dry	2			CXL	02	36	35	2004	

**205 Flutolanil**

Main Uses: Fungicide

JMPR: 2002(TR), 2013(R)

ADI: 0.09 mg/kg body weight (2002)

Acute RfD: Unnecessary (2002)

Residue: For plant commodities for compliance with MRLs and for estimation of dietary intake: Flutolanil

For compliance with MRLs and for estimation of dietary intake: flutolanil and transformation products containing the 2-trifluoromethylbenzoic acid moiety, expressed as flutolanil

The residue is not fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.05 (*)			3	2013	46			
VL 0054	Brassica leafy vegetables	0.07			3	2013	46			
MO 0105	Edible offal (mammalian)	0.5			3	2013	46			
PE 0112	Eggs	0.05 (*)			CXL 02		36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.1			CXL 02		46	35-36	2004	Withdrawal recommended by the 2013 JMPR
MO 0099	Liver of cattle, goats, pigs & sheep	0.2			CXL 02		46	35-36	2004	Withdrawal recommended by the 2013 JMPR
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL 02		36	35	2004	
ML 0106	Milks	0.05 (*)			CXL 02		36	35	2004	
PM 0110	Poultry meat	0.05 (*)			CXL 02		36	35	2004	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL 02		36	35	2004	
CM 1206	Rice bran, Unprocessed	10			CXL 02		36	35	2004	
AS 0649	Rice straw and fodder, Dry	10			CXL 02		36	35	2004	
CM 0649	Rice, Husked	2			CXL 02		36	35	2004	
CM 1205	Rice, Polished	1			CXL 02		36	35	2004	

**206 Imidacloprid**

Main Uses: Insecticide

JMPR: 2001(T), 2002(R), 2006(R), 2008(R), 2012(R)

ADI: 0-0.06 mg/kg body weight (2002)

Acute RfD: 0.4 mg/kg body weight (2002)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sum of imidacloprid and its metabolites containing the 6-chloropyridinyl moiety, expressed as imidacloprid

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls			CXL	08	41		2009	
FP	0226	Apple			CXL	02	36	35	2004	
AB	0226	Apple pomace, dry			CXL	02	36	35	2004	
FS	0240	Apricot			CXL	02	36	35	2004	
FI	0327	Banana			CXL	02	36	35	2004	
AS	0640	Barley straw and fodder, Dry			CXL	02	36	35	2004	
VP	0061	Beans, except broad bean and soya bean			CXL	02	36	35	2004	
FB	0018	Berries and other small fruits		(except cranberries, grapes and strawberries)	CXL	08	41		2009	
VB	0400	Broccoli			CXL	02	36	35	2004	
VB	0402	Brussels sprouts			CXL	02	36	35	2004	
VB	0041	Cabbages, Head			CXL	02	36	35	2004	
VB	0404	Cauliflower			CXL	02	36	35	2004	
VS	0624	Celery			CXL	12	45		2013	
GC	0080	Cereal grains			CXL	02	36	35	2004	
FS	0244	Cherry, Sweet			CXL	02	38	35,36	2006	
FC	0001	Citrus fruits		(excluding kumquats)	CXL	02	45	35,36	2013	
As	0001	Citrus pulp, Dry			CXL	02	36	35	2004	
SB	0716	Coffee beans			CXL	08	41		2009	
FB	0265	Cranberry			CXL	06	39		2007	
VC	0424	Cucumber			CXL	02	36	35	2004	
MO	0105	Edible offal (mammalian)			CXL	08	41		2009	
VO	0440	Egg plant			CXL	02	36	35	2004	
PE	0112	Eggs			CXL	08	41		2009	
FB	0269	Grapes			CXL	02	36	35	2004	
DH	1100	Hops, Dry			CXL	02	36	35	2004	
VA	0384	Leek			CXL	02	36	35	2004	
VL	0482	Lettuce, Head			CXL	02	36	35	2004	
AS	0645	Maize fodder (dry)			CXL	02	36	35	2004	
FI	0345	Mango			CXL	02	36	35	2004	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0095	Meat (from mammals other than marine mammals)			CXL	08	41		2009	
VC	0046	Melons, except watermelon			CXL	02	36	35	2004	
ML	0106	Milks			CXL	08	41		2009	
FS	0245	Nectarine			CXL	02	36	35	2004	
AS	0647	Oat straw and fodder, Dry			CXL	02	36	35	2004	
VA	0385	Onion, Bulb			CXL	02	36	35	2004	
FS	0247	Peach			CXL	02	36	35	2004	
SO	0697	Peanut			CXL	08	41		2009	
AL	0697	Peanut fodder			CXL	08	41		2009	
FP	0230	Pear			CXL	02	36	35	2004	
VP	0063	Peas (pods and succulent=immature seeds)			CXL	08	41		2009	
VP	0064	Peas, Shelled (succulent seeds)			CXL	08	41		2009	
VO	0051	Peppers			CXL	02	36	35	2004	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
FS	0014	Plums (including prunes)			CXL	02	36	35	2004	
FI	0355	Pomegranate			CXL	08	41		2009	
PM	0110	Poultry meat			CXL	08	41		2009	
PO	0111	Poultry, Edible offal of			CXL	08	41		2009	
VD	0070	Pulses		(except soya beans)	CXL	12	45		2013	
VL	0494	Radish leaves (including radish tops)			CXL	08	41		2009	
SO	0495	Rape seed			CXL	02	36	35	2004	
VR	0075	Root and tuber vegetables			CXL	08	41		2009	
AS	0650	Rye straw and fodder, Dry			CXL	02	36	35	2004	
VC	0431	Squash, summer			CXL	02	36	35	2004	
FB	0275	Strawberry			CXL	08	41		2009	
SO	0702	Sunflower seed			CXL	08	41		2009	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	02	36	35	2004	
VO	0448	Tomato			CXL	02	36	35	2004	
TN	0085	Tree nuts			CXL	07	41		2009	
VC	0432	Watermelon			CXL	02	36	35	2004	
CM	0654	Wheat bran, Unprocessed			CXL	02	36	35	2004	
CF	1211	Wheat flour			CXL	02	36	35	2004	
AS	0654	Wheat straw and fodder, Dry			CXL	02	36	35	2004	



**207 Cyprodinil**

Main Uses: Fungicide

JMPR: 2003(TR), 2013(R),

ADI: 0-0.03 mg/kg body weight (2003)

Acute RfD: Unnecessary (2003)

Residue: For plant and animal commodities for compliance with MRLs and for estimation of dietary intake: Cyprodinil

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls	0.05	(*)	CXL	03	37	36	2005	
TN	0660	Almonds	0.02	(*)	CXL	03	37	36	2005	
FP	0226	Apple	0.05		CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
FI	0326	Avocado	1		3	2013	46			
GC	0640	Barley	3		CXL	03	37	36	2005	
VD	0071	Beans (dry)	0.2		3	2013	46			
VP	0061	Beans, except broad bean and soya bean	0.5		CXL	03	37	36	2005	
VP	0061	Beans, except broad bean and soya bean	0.7	(green pods and immature seeds)	3	2013	46			
VP	0062	Beans, Shelled	0.06		3	2013	46			
FB	0018	Berries and other small fruits	10	(except grapes)	3	2013	46			
VL	0054	Brassica leafy vegetables	15		3	2013	46			
VB	0041	Cabbages, Head	0.7		3	2013	46			
VR	0577	Carrot	0.7		3	2013	46			
VC	0424	Cucumber	0.2		CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
DF	0269	Dried grapes (=currants, raisins and sultanas)	5		CXL	03	37	36	2005	
DH	0170	Dried herbs	300	(except hops, dry)	3	2013	46			
MO	0105	Edible offal (mammalian)	0.01	(*)	CXL	03	37	36	2005	
MO	0105	Edible offal (mammalian)	0.01		3	2013	46			
VO	0440	Egg plant	0.2		CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
PE	0112	Eggs	0.01	(*)	CXL	03	37	36	2005	
VB	0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	2		3	2013	46			
VO	0050	Fruiting vegetables other than cucurbits	2	(except sweet corn and mushroom)	3	2013	46			
VC	0045	Fruiting vegetables, Cucurbits	0.5		3	2013	46			
FB	0269	Grapes	3		CXL	03	37	36	2005	
HH	0092	Herbs	40		3	2013	46			
VL	0053	Leafy vegetables	50	(except brassica leafy vegetables)	3	2013	46			
VL	0482	Lettuce, Head	10		CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0483	Lettuce, Leaf			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
MM	0095	Meat (from mammals other than marine mammals)			CXL	03	37	36	2005	
ML	0106	Milks			CXL	03	37	36	2005	
										The MRL is calculated as 4% of the LOQ for milk fat (0.01 mg/kg). Milk fat is the fraction of the milk that is analyzed (JMPR 2003)
VA	0385	Onion, Bulb			CXL	03	37	36	2005	
VR	0588	Parsnip			3	2013	46			
FP	0230	Pear			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
HS	0444	Peppers Chili, dried			3	2013	46			
VO	0445	Peppers, Sweet (including pimento or pimienta)			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
FP	0009	Pome fruits			3	2013	46			
PM	0110	Poultry meat			CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of			CXL	03	37	36	2005	
DF	0014	Prunes			CXL	03	37	36	2005	
VR	0494	Radish			3	2013	46			
FB	0272	Raspberries, Red, Black			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
VC	0431	Squash, summer			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
FS	0012	Stone fruits			CXL	03	37	36	2005	
AS	0081	Straw and fodder (dry) of cereal grains			CXL	03	37	36	2005	
FB	0275	Strawberry			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
VO	0448	Tomato			CXL	03	46	36-37	2005	Withdrawal recommended by the 2013 JMPR
GC	0654	Wheat			CXL	03	37	36	2005	
CM	0654	Wheat bran, Unprocessed			CXL	03	37	36	2005	

**208 Famoxadone**

Main Uses: Fungicide

JMPR: 03

ADI: 0-0.006 mg/kg body weight (2003)

Acute RfD: 0.6 mg/kg body weight (2003)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Famoxadone

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley			CXL	03	37	36	2005	
AS	0640	Barley straw and fodder, Dry			CXL	03	37	36	2005	
VC	0424	Cucumber			CXL	03	37	36	2005	
DF	0269	Dried grapes (=currants, raisins and sultanas)			CXL	03	37	36	2005	
MO	0105	Edible offal (mammalian)			CXL	03	37	36	2005	
PE	0112	Eggs		(*)	CXL	03	37	36	2005	
AB	0269	Grape pomace, Dry			CXL	03	37	36	2005	
FB	0269	Grapes			CXL	03	37	36	2005	
MM	0095	Meat (from mammals other than marine mammals)		(fat)	CXL	03	37	36	2005	
ML	0106	Milks		F	CXL	03	37	36	2005	
VR	0589	Potato		(*)	CXL	03	37	36	2005	
PM	0110	Poultry meat		(*)	CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of		(*)	CXL	03	37	36	2005	
VC	0431	Squash, summer			CXL	03	37	36	2005	
VO	0448	Tomato			CXL	03	37	36	2005	
GC	0654	Wheat			CXL	03	37	36	2005	
CM	0654	Wheat bran, Unprocessed			CXL	03	37	36	2005	
AS	0654	Wheat straw and fodder, Dry			CXL	03	37	36	2005	

**209 Methoxyfenozide**

Main Uses: Insecticide

JMPR: 2003(TR), 2006(R), 2009(R), 2012(R)

ADI: 0-0.1 mg/kg body weight (2003)

Acute RfD: 0.9 mg/kg body weight (2003)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Methoxyfenozide

The residue is fat-soluble, but is not classified as fat-soluble with respect to its distribution in milk

Note: 1. No residues are expected in animal commodities from consumption of feed commodities with cyprodinil residues as evaluated by JMPR

2. The information provided to JMPR precludes an estimation that the dietary intake would be below the acute intake RfD for children

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	50			CXL 03		37	36	2005	
AB 0226	Apple pomace, dry	7			CXL 03		37	36	2005	
FI 0326	Avocado	0.7			CXL 09		42		2010	
VD 0071	Beans (dry)	0.5			CXL 09		42		2010	
VP 0062	Beans, Shelled	0.3			CXL 09		42		2010	
FB 0020	Blueberries	4			CXL 09		42		2010	
VB 0400	Broccoli	3			CXL 03		37	36	2005	
VB 0041	Cabbages, Head	7			CXL 03		37	36	2005	
VR 0577	Carrot	0.5			CXL 09		42		2010	
VS 0624	Celery	15			CXL 03		37	36	2005	
FC 0001	Citrus fruits	2			CXL 12		45		2013	
VP 0526	Common bean (pods and/or immature seeds)	2			CXL 09		42		2010	
SO 0691	Cotton seed	7			CXL 03		37	36	2005	
VD 0527	Cowpea (dry)	5			CXL 09		42		2010	
FB 0265	Cranberry	0.7			CXL 09		42		2010	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL 03		37	36	2005	
MO 0105	Edible offal (mammalian)	0.2			CXL 12		45		2013	
PE 0112	Eggs	0.01			CXL 03		37	36	2005	
VC 0045	Fruiting vegetables, Cucurbits	0.3		(except watermelon)	CXL 12		45		2013	
FB 0269	Grapes	1			CXL 03		37	36	2005	
VL 0482	Lettuce, Head	15			CXL 03		37	36	2005	
VL 0483	Lettuce, Leaf	30			CXL 03		37	36	2005	
GC 0645	Maize	0.02 (*)			CXL 03		37	36	2005	
AS 0645	Maize fodder (dry)	60	dry wt		CXL 03		37	36	2005	
MF 0100	Mammalian fats (except milk fats)	0.3			CXL 12		45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.3 (fat)			CXL 12		45		2013	
ML 0106	Milks	0.05			CXL 09		42		2010	

## Part 1 - 170

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0485	Mustard greens			CXL	03	37	36	2005	
FI	0350	Papaya			CXL	09	42		2010	
SO	0697	Peanut			CXL	09	42		2010	
AL	0697	Peanut fodder			CXL	09	42		2010	
OR	0697	Peanut oil, Edible			CXL	09	42		2010	
VD	0072	Peas (dry)			CXL	12	45		2013	
VP	0063	Peas (pods and succulent=immature seeds)			CXL	12	45		2013	
VP	0064	Peas, Shelled (succulent seeds)			CXL	09	42		2010	
VO	0051	Peppers			CXL	03	37	36	2005	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
FP	0009	Pome fruits			CXL	03	37	36	2005	
PM	0110	Poultry meat		(*)	CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of		(*)	CXL	03	37	36	2005	
DF	0014	Prunes			CXL	03	37	36	2005	
VR	0494	Radish			CXL	09	42		2010	
VL	0494	Radish leaves (including radish tops)			CXL	09	42		2010	
FS	0012	Stone fruits			CXL	03	37	36	2005	
FB	0275	Strawberry			CXL	09	42		2010	
VR	0596	Sugar beet			CXL	09	42		2010	
VO	0447	Sweet corn (corn-on-the-cob)		(*)	CXL	03	37	36	2005	
VR	0508	Sweet potato			CXL	09	42		2010	
VO	0448	Tomato			CXL	03	37	36	2005	
TN	0085	Tree nuts			CXL	03	37	36	2005	

**210 Pyraclostrobin**

Main Uses: Fungicide

JMPR: 2003(T), 2004(R), 2006(R), 2011(R), 2012(R)

ADI: 0-0.03 mg/kg body weight (2003)

Acute RfD: 0.05 mg/kg body weight (2003)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Pyraclostrobin

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	30			CXL	11	44		2012	
FP	0226 Apple	0.5			CXL	06	39		2007	
VS	0620 Artichoke, Globe	2			CXL	11	44		2012	
FI	0327 Banana	0.02	(*)		CXL	04	38	37	2006	
GC	0640 Barley	1			CXL	11	44		2012	
VD	0071 Beans (dry)	0.2			CXL	04	38	37	2006	
FB	0264 Blackberries	3			CXL	11	44		2012	
FB	0020 Blueberries	4			CXL	11	44		2012	
VB	0402 Brussels sprouts	0.3			CXL	06	39		2007	
VB	0041 Cabbages, Head	0.2			CXL	06	39		2007	
VC	4199 Cantaloupe	0.2			CXL	06	39		2007	
VR	0577 Carrot	0.5			CXL	04	38	37	2006	
FS	0013 Cherries	3			CXL	11	44		2012	
FC	0001 Citrus fruits	2		(excluding kumquats)	CXL	11	45	44	2013	
OR	0001 Citrus oil, edible	10			CXL	12	45		2013	
SB	0716 Coffee beans	0.3			CXL	06	39		2007	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
MO	0105 Edible offal (mammalian)	0.05	(*)		CXL	04	38	37	2006	
VO	0440 Egg plant	0.3			CXL	06	39		2007	
PE	0112 Eggs	0.05	(*)		CXL	04	38	37	2006	
VB	0042 Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.1			CXL	06	39		2007	
VC	0045 Fruiting vegetables, Cucurbits	0.5			CXL	11	44		2012	
VA	0381 Garlic	0.15			CXL	11	44		2012	
FB	0269 Grapes	2			CXL	04	38	37	2006	
DH	1100 Hops, Dry	15			CXL	06	39		2007	
VL	0480 Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	1			CXL	06	39		2007	
VA	0384 Leek	0.7			CXL	06	39		2007	

## Part 1 - 172

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0533	Lentil (dry)	0.5		CXL	04	38	37	2006	
VL	0482	Lettuce, Head	2		CXL	06	39		2007	
GC	0645	Maize	0.02	(*)	CXL	04	38	37	2006	
FI	0345	Mango	0.05	(*)	CXL	04	38	37	2006	
MM	0095	Meat (from mammals other than marine mammals)	0.5	(fat)	CXL	04	38	37	2006	
ML	0106	Milks	0.03		CXL	04	38	37	2006	
FS	0245	Nectarine	0.3		CXL	11	44		2012	
GC	0647	Oats	1		CXL	11	44		2012	
SO	0089	Oilseed, except peanut	0.4		CXL	11	44		2012	
VA	0385	Onion, Bulb	1.5		CXL	11	44		2012	
FI	0350	Papaya	0.15		CXL	11	44		2012	
AL	0072	Pea hay or pea fodder (dry)	30		CXL	04	38	37	2006	
FS	0247	Peach	0.3		CXL	11	44		2012	
AL	0697	Peanut fodder	50		CXL	04	38	37	2006	
SO	0703	Peanut, whole	0.02	(*)	CXL	04	38	37	2006	
VD	0072	Peas (dry)	0.3		CXL	04	38	37	2006	
VP	0063	Peas (pods and succulent=immature seeds)	0.02	(*)	CXL	06	39		2007	
VO	0051	Peppers	0.5		CXL	06	39		2007	
TN	0675	Pistachio nuts	1		CXL	04	38	37	2006	
FS	0014	Plums (including prunes)	0.8		CXL	11	44		2012	
VR	0589	Potato	0.02	(*)	CXL	04	38	37	2006	
PM	0110	Poultry meat	0.05	(*) (fat)	CXL	04	38	37	2006	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL	04	38	37	2006	
VR	0494	Radish	0.5		CXL	04	38	37	2006	
VL	0494	Radish leaves (including radish tops)	20		CXL	04	38	37	2006	
FB	0272	Raspberries, Red, Black	3		CXL	11	44		2012	
GC	0650	Rye	0.2		CXL	11	44		2012	
GC	0651	Sorghum	0.5		CXL	11	44		2012	
VD	0541	Soya bean (dry)	0.05		CXL	06	39		2007	
GC	4673	Spelt	0.2		CXL	06	39		2007	
VA	0389	Spring Onion	1.5		CXL	11	44		2012	
AS	0081	Straw and fodder (dry) of cereal grains	30		CXL	04	38	37	2006	
FB	0275	Strawberry	1.5		CXL	11	44		2012	
VR	0596	Sugar beet	0.2		CXL	04	38	37	2006	
VO	0448	Tomato	0.3		CXL	04	38	37	2006	
TN	0085	Tree nuts	0.02	(*)	(except pistachio nuts)	CXL	11	44	2012	
GC	0653	Triticale	0.2		CXL	11	44		2012	
GC	0654	Wheat	0.2		CXL	04	38	37	2006	

**211 Fludioxonil**

Main Uses: Fungicide

JMPR: 2004(TR), 2006(R), 2010(R), 2012(R), 2013(R)

ADI: 0-0.4 mg/kg body weight (2004)

Acute RfD: Unnecessary (2004)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Fludioxonil

For compliance with the MRL and for estimation of dietary intake for animal commodities: Fludioxonil and its benzopyrrole metabolites, determined as

2,2-difluoro-1,3-benzodioxole-4-carboxylic acid and expressed as fludioxonil

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 0226	Apple pomace, dry	20			CXL	06	39		2007	
FI 0326	Avocado	0.4			3	2013	46			
HH 0722	Basil	10			CXL	04	46	37-38	2006	Withdrawal recommended by the 2013 JMPR
DH 0722	Basil, dry	50			CXL	04	46	37-38	2006	
VD 0071	Beans (dry)	0.07			CXL	04	38	37	2006	
VD 0071	Beans (dry)	0.5			3	2013	46			
VP 0061	Beans, except broad bean and soya bean	0.3			CXL	04	38	37	2006	
VP 0061	Beans, except broad bean and soya bean	0.6		(green pods and immature seeds)	3	2013	46			
VP 0062	Beans, Shelled	0.03			CXL	04	38	37	2006	
VP 0062	Beans, Shelled	0.4			3	2013	46			
FB 0264	Blackberries	5			CXL	04	38	37	2006	
FB 0020	Blueberries	2			CXL	04	38	37	2006	
VB 0400	Broccoli	0.7			CXL	04	38	37	2006	
VB 0041	Cabbages, Head	2			CXL	04	38	37	2006	
VR 0577	Carrot	0.7			CXL	04	38	37	2006	
GC 0080	Cereal grains	0.05		(*)	CXL	04	38	37	2006	
HH 0727	Chives	10			CXL	04	46	37-38	2006	Withdrawal recommended by the 2013 JMPR
DH 0727	Chives, dry	50			CXL	04	46	37-38	2006	
FC 0001	Citrus fruits	10		Po	CXL	10	43		2011	
SO 0691	Cotton seed	0.05		(*)	CXL	04	38	37	2006	
VC 0424	Cucumber	0.3			CXL	04	38	37	2006	
FB 0266	Dewberries (including boysenberry and loganberry)	5			CXL	04	38	37	2006	
DH 0170	Dried herbs	60			3	2013	46			
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	04	38	37	2006	
VO 0440	Egg plant	0.3			CXL	04	38	37	2006	



## Part 1 - 174

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PE	0112 Eggs	0.05 (*)			CXL	04	38	37	2006	
PE	0112 Eggs	0.01 (*)			3	2013	46			
VC	0045 Fruiting vegetables, Cucurbits	0.5			3	46	2013			
VR	0604 Ginseng	4			3	2013	46			
FB	0269 Grapes	2			CXL	04	38	37	2006	
HH	0092 Herbs	9			3	2013	46			
FI	0341 Kiwifruit	15	Po		CXL	04	38	37	2006	
VL	0482 Lettuce, Head	10			CXL	04	38	37	2006	
VL	0483 Lettuce, Leaf	40			3	2013	46			
FI	0345 Mango	2			CXL	12	45		2013	
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			CXL	04	38	37	2006	
VC	0046 Melons, except watermelon	0.03			CXL	04	46	37-38	2006	Withdrawal recommended by the 2013 JMPR
ML	0106 Milks	0.01			CXL	04	38	37	2006	
VL	0485 Mustard greens	10			CXL	04	38	37	2006	
VA	0385 Onion, Bulb	0.5			CXL	04	38	37	2006	
VD	0072 Peas (dry)	0.07			CXL	04	38	37	2006	
VP	0063 Peas (pods and succulent=immature seeds)	0.3			CXL	04	38	37	2006	
VP	0064 Peas, Shelled (succulent seeds)	0.03			CXL	04	38	37	2006	
VO	0051 Peppers	1			3	2013	46			
HS	0444 Peppers Chili, dried	4			3	2013	46			
VO	0445 Peppers, Sweet (including pimento or pimienta)	1			CXL	04	46	37-38	2006	Withdrawal recommended by the 2013 JMPR
TN	0675 Pistachio nuts	0.2			CXL	04	38	37	2006	
FP	0009 Pome fruits	5	Po		CXL	06	39		2007	
FI	0355 Pomegranate	2	Po		CXL	10	43		2011	
VR	0589 Potato	0.02			CXL	04	38	37	2006	
VR	0589 Potato	5	Po		3	2013	46			
PM	0110 Poultry meat	0.01 (*)			CXL	04	38	37	2006	
PM	0110 Poultry meat	0.01 (*)			3	2013				
PO	0111 Poultry, Edible offal of	0.05 (*)			CXL	04	38	37	2006	
PO	0111 Poultry, Edible offal of	0.05 (*)			3	2013	46			
VR	0494 Radish	0.3			3	2013	46			
VL	0494 Radish leaves (including radish tops)	20			3	2013	46			
SO	0495 Rape seed	0.02 (*)			CXL	04	38	37	2006	
FB	0272 Raspberries, Red, Black	5			CXL	04	38	37	2006	
VP	4453 Snap bean (young pods)	0.6			3	2013	46			
VL	0502 Spinach	30			3	2013	46			
VC	0431 Squash, summer	0.3			CXL	04	46	37-38	2006	Withdrawal recommended by the 2013 JMPR
FS	0012 Stone fruits	5	Po		CXL	04	38	37	2006	

## Part 1 - 175

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0081	Straw and fodder (dry) of cereal grains	0.06	(*)						
					CXL	04	38	37	2006	
FB	0275	Strawberry	3							
					CXL	04	38	37	2006	
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)						
					CXL	04	38	37	2006	
VR	0508	Sweet potato	10	Po						
					CXL	10	43		2011	
VO	0448	Tomato	0.5							
					CXL	04	38	37	2006	
VO	0448	Tomato	2							
					3	2013	46			
VL	0473	Watercress	10							
					CXL	04	38	37	2006	
VR	0600	Yams	10	Po						
					CXL	10	43		2011	

**212 Metalaxyl-M**

Main Uses: Fungicide

JMPR: 2002(T), 2004(R)

ADI: 0-0.08 mg/kg body weight (2002) (for metalaxyl-M + metalaxyl (alone or in combination))

Acute RfD: Unnecessary (2002)

Residue: (of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in plant commodities: Metalaxyl

(of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in animal commodities: Sum of metalaxyl and metabolites containing the 2,6-dimethylaniline moiety, expressed as metalaxyl

Note: JMPR 2004: No new MRLs are recommended because all MRLs required for metalaxyl-M are covered by existing MRLs for Metalaxyl. The values listed in the "New" column (see JMPR 2004) are the estimated maximum residue levels for metalaxyl-M and, because they do not exceed the existing metalaxyl MRLs, are not intended to replace them Metalaxyl is a racemic mixture of (R)- and (S)- enantiomers. Metalaxyl-M is the (R)- enantiomer. No MRLs are currently recommended for animal commodities.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.02 (*)			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
SB	0715 Cacao beans	0.02			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
FB	0269 Grapes	1			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
VL	0482 Lettuce, Head	0.5			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
VA	0385 Onion, Bulb	0.03			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
VO	0445 Peppers, Sweet (including pimento or pimienta)	0.5			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)

## Part 1 - 177

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589 Potato	0.02 (*)			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
VL	0502 Spinach	0.1			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
SO	0702 Sunflower seed	0.02 (*)			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)
VO	0448 Tomato	0.2			7	04	45	43,44		Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74)

**213 Trifloxystrobin**

Main Uses: Fungicide

JMPR: 2004(TR), 2012(R)

ADI: 0-0.04 mg/kg body weight (2004)

Acute RfD: Unnecessary (JMPR 2004)

Residue: For compliance with MRLs for plant commodities: Trifloxystrobin

For estimation of dietary intake of plant commodities: Sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin

For compliance with MRLs and estimation of dietary intake in animal commodities: sum of trifloxystrobin and

[(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneamino-oxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	04	38	37	2006	
VS 0621	Asparagus	0.05		(*)	CXL	12	45		2013	
FI 0327	Banana	0.05			CXL	04	38	37	2006	
GC 0640	Barley	0.5			CXL	04	38	37	2006	
AS 0640	Barley straw and fodder, Dry	7			CXL	04	38	37	2006	
VB 0402	Brussels sprouts	0.1			CXL	04	38	37	2006	
VB 0041	Cabbages, Head	0.5			CXL	04	38	37	2006	
VR 0577	Carrot	0.1			CXL	04	38	37	2006	
VS 0624	Celery	1			CXL	04	38	37	2006	
FC 0001	Citrus fruits	0.5			CXL	04	38	37	2006	
As 0001	Citrus pulp, Dry	1			CXL	04	38	37	2006	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
VO 0440	Egg plant	0.7			CXL	12	45		2013	
PE 0112	Eggs	0.04		(*)	CXL	04	38	37	2006	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.5			CXL	04	38	37	2006	
VC 0045	Fruiting vegetables, Cucurbits	0.3			CXL	04	38	37	2006	
FB 0269	Grapes	3			CXL	04	38	37	2006	
DH 1100	Hops, Dry	40			CXL	04	38	37	2006	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.04		(*)	CXL	04	38	37	2006	
VA 0384	Leek	0.7			CXL	04	38	37	2006	
VL 0482	Lettuce, Head	15			CXL	12	45		2013	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	04	38	37	2006	
GC 0645	Maize	0.02			CXL	04	38	37	2006	
AS 0645	Maize fodder (dry)	10			CXL	04	38	37	2006	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0095	Meat (from mammals other than marine mammals)	0.05	(fat)	CXL	04	38	37	2006	
ML	0106	Milks	0.02	(*)	CXL	04	38	37	2006	
OR	0305	Olive oil, Refined	1.2		CXL	12	45		2013	
OC	0305	Olive oil, Virgin	0.9		CXL	12	45		2013	
FT	0305	Olives	0.3		CXL	12	45		2013	
FI	0350	Papaya	0.6		CXL	12	45		2013	
SO	0697	Peanut	0.02	(*)	CXL	04	38	37	2006	
AL	0697	Peanut fodder	5		CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimienta)	0.3		CXL	04	38	37	2006	
FP	0009	Pome fruits	0.7		CXL	04	38	37	2006	
VR	0589	Potato	0.02	(*)	CXL	04	38	37	2006	
PM	0110	Poultry meat	0.04	(*) (fat)	CXL	04	38	37	2006	
PO	0111	Poultry, Edible offal of	0.04	(*)	CXL	04	38	37	2006	
VR	0494	Radish	0.08		CXL	12	45		2013	
VL	0494	Radish leaves (including radish tops)	15		CXL	12	45		2013	
GC	0649	Rice	5		CXL	04	38	37	2006	
CM	1206	Rice bran, Unprocessed	7		CXL	04	38	37	2006	
AS	0649	Rice straw and fodder, Dry	10		CXL	04	38	37	2006	
FS	0012	Stone fruits	3		CXL	04	38	37	2006	
FB	0275	Strawberry	1		CXL	12	45		2013	
VR	0596	Sugar beet	0.05		CXL	04	38	37	2006	
DM	0596	Sugar beet molasses	0.1		CXL	04	38	37	2006	
AB	0596	Sugar beet pulp, Dry	0.2		CXL	04	38	37	2006	
VO	0448	Tomato	0.7		CXL	04	38	37	2006	
TN	0085	Tree nuts	0.02	(*)	CXL	04	38	37	2006	
GC	0654	Wheat	0.2		CXL	04	38	37	2006	
CM	0654	Wheat bran, Unprocessed	0.5		CXL	04	38	37	2006	
AS	0654	Wheat straw and fodder, Dry	5		CXL	04	38	37	2006	

**214 Dimethenamid-P**

Main Uses: Herbicide

JMPR: 05

ADI: 0-0.07 mg/kg body weight. The ADI and the ARfD apply to dimethenamid-P and the racemic dimethenamid (JMPR 2005).

Acute RfD: 0.5 mg/kg body weight (2005)

Residue: For compliance with MRLs and for estimation of dietary intake: Dimethenamid-P and its enantiomer

This definition applies to both plant and animal commodities

The residue definition could apply to residues arising from the use of either dimethenamid-P or dimethanamid

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	0061	0.01 (*)			CXL	05	38		2006	
VD	0071	0.01 (*)			CXL	05	38		2006	
VR	0574	0.01 (*)			CXL	05	38		2006	
PE	0112	0.01 (*)			CXL	05	38		2006	
AM	1051	0.01 (*)			CXL	05	38		2006	
VA	0381	0.01 (*)			CXL	05	38		2006	
GC	0645	0.01 (*)			CXL	05	38		2006	
AS	0645	0.01 (*)			CXL	05	38		2006	
MM	0095	0.01 (*)			CXL	05	38		2006	
ML	0106	0.01 (*)			CXL	05	38		2006	
VA	0385	0.01 (*)			CXL	05	38		2006	
SO	0697	0.01 (*)			CXL	05	38		2006	
AL	0697	0.01 (*)			CXL	05	38		2006	
VR	0589	0.01 (*)			CXL	05	38		2006	
PM	0110	0.01 (*)			CXL	05	38		2006	
PO	0111	0.01 (*)			CXL	05	38		2006	
VA	0388	0.01 (*)			CXL	05	38		2006	
GC	0651	0.01 (*)			CXL	05	38		2006	
AS	0651	0.01 (*)			CXL	05	38		2006	
VD	0541	0.01 (*)			CXL	05	38		2006	
VR	0596	0.01 (*)			CXL	05	38		2006	
VO	0447	0.01 (*)			CXL	05	38		2006	
VR	0508	0.01 (*)			CXL	05	38		2006	

**215 Fenhexamid**

Main Uses: Fungicide

JMPR: 05

ADI: 0-0.2 mg/kg body weight (2005)

Acute RfD: Unnecessary (2005)

Residue: For compliance with MRLs and for estimation of dietary intake in plant and animal commodities: Fenhexamid

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	2			CXL	05	38		2006	
TN	0660 Almonds	0.02 (*)			CXL	05	38		2006	
FS	0240 Apricot	10			CXL	05	38		2006	
FB	0261 Bilberry	5			CXL	05	38		2006	
FB	0264 Blackberries	15			CXL	05	38		2006	
FB	0020 Blueberries	5			CXL	05	38		2006	
FS	0013 Cherries	7			CXL	05	38		2006	
VC	0424 Cucumber	1			CXL	05	38		2006	
FB	0021 Currants, Black, Red, White	5			CXL	05	38		2006	
FB	0266 Dewberries (including boysenberry and loganberry)	15			CXL	05	38		2006	
DF	0269 Dried grapes (=currants, raisins and sultanas)	25			CXL	05	38		2006	
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	05	38		2006	
VO	0440 Egg plant	2			CXL	05	38		2006	
FB	0267 Elderberries	5			CXL	05	38		2006	
VC	0425 Gherkin	1			CXL	05	38		2006	
FB	0268 Gooseberry	5			CXL	05	38		2006	
FB	0269 Grapes	15			CXL	05	38		2006	
FB	0270 Juneberries	5			CXL	05	38		2006	
FI	0341 Kiwifruit	15			CXL	05	38		2006	
VL	0482 Lettuce, Head	30			CXL	05	38		2006	
VL	0483 Lettuce, Leaf	30			CXL	05	38		2006	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*) (fat)			CXL	05	38		2006	
ML	0106 Milks	0.01 (*) F			CXL	05	38		2006	
FS	0245 Nectarine	10			CXL	05	38		2006	
FS	0247 Peach	10			CXL	05	38		2006	
VO	0051 Peppers	2			CXL	05	38		2006	
FS	0014 Plums (including prunes)	1			CXL	05	38		2006	
FB	0272 Raspberries, Red, Black	15			CXL	05	38		2006	
VC	0431 Squash, summer	1			CXL	05	38		2006	
FB	0275 Strawberry	10			CXL	05	38		2006	
VO	0448 Tomato	2			CXL	05	38		2006	



**216 Indoxacarb**

Main Uses: Insecticide

JMPR: 2005(TR), 2007(R), 2009(R), 2012(R), 2013(R)

ADI: 0-0.01 mg/kg body weight (2005)

Acute RfD: 0.1 mg/kg body weight (2005)

Residue: For compliance with the MRL for all commodities and for estimation of dietary intake for plant commodities: Sum of indoxacarb and its R enantiomer

For estimation of dietary intake for animal commodities: Sum of indoxacarb, its R enantiomer and methyl 7-chloro-2,5-dihydro-2-[[[4-(trifluoromethoxy)phenyl] amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate, expressed as indoxacarb

The residue is fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL	1020 Alfalfa fodder	60			CXL	05	38		2006	
FP	0226 Apple	0.5			CXL	05	38		2006	
VB	0400 Broccoli	0.2			CXL	05	38		2006	
VB	0041 Cabbages, Head	3			CXL	05,07	40	38,39	2008	
VB	0404 Cauliflower	0.2			CXL	05	38		2006	
VD	0524 Chick-pea (dry)	0.2			CXL	05	38		2006	
AM	0691 Cotton fodder, dry	20			CXL	05	38		2006	
SO	0691 Cotton seed	1			CXL	05	38		2006	
VD	0527 Cowpea (dry)	0.1			CXL	09	42		2010	
FB	0265 Cranberry	1			CXL	09	42		2010	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	05	38		2006	
MO	0105 Edible offal (mammalian)	0.05			CXL	09	42		2010	
VO	0440 Egg plant	0.5			CXL	05	38		2006	
PE	0112 Eggs	0.02			CXL	09	42		2010	
VC	0045 Fruiting vegetables, Cucurbits	0.5			CXL	09	42		2010	
FB	0269 Grapes	2			CXL	05	38		2006	
VL	0482 Lettuce, Head	7			CXL	05	38		2006	
VL	0483 Lettuce, Leaf	3			CXL	12	45		2013	
AS	0645 Maize fodder (dry)	25			CXL	05	38		2006	
MM	0095 Meat (from mammals other than marine mammals)	2	(fat)		CXL	09	42		2010	
FM	0183 Milk fats	2			CXL	09	42		2010	
ML	0106 Milks	0.1			CXL	09	42		2010	
HH	0738 Mints	15			CXL	09	42		2010	
VD	0536 Mung bean (dry)	0.2			CXL	05	38		2006	
SO	0697 Peanut	0.02	(*)		CXL	05	38		2006	
AL	0697 Peanut fodder	50			CXL	05	38		2006	
FP	0230 Pear	0.2			CXL	05	38		2006	
VO	0051 Peppers	0.3			CXL	05	38		2006	
VR	0589 Potato	0.02			CXL	05	38		2006	
PM	0110 Poultry meat	0.01	(*)	(fat)	CXL	09	42		2010	
PO	0111 Poultry, Edible offal of	0.01	(*)		CXL	09	42		2010	
DF	0014 Prunes	3			CXL	09	42		2010	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)	0.5		CXL	05	38		2006	
FS	0012	Stone fruits	1		CXL	09	42		2010	
VO	0447	Sweet corn (corn-on-the-cob)	0.02		CXL	05	38		2006	
DT	1114	Tea, Green, Black (black, fermented and dried)	5		3	2013	46			
VO	0448	Tomato	0.5		CXL	05	38		2006	

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**217 Novaluron**

Main Uses: Insecticide

JMPR: 05

ADI: 0-0.01 mg/kg body weight (2005)

Acute RfD: Unnecessary

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Novaluron

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB	0226	Apple pomace, dry			CXL	05	38		2006	
VD	0071	Beans (dry)			CXL	10	43		2011	
FB	0020	Blueberries			CXL	10	43		2011	
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas			CXL	10	43		2011	
VL	0464	Chard			CXL	10	43		2011	
VP	0526	Common bean (pods and/or immature seeds)			CXL	10	43		2011	
SO	0691	Cotton seed			CXL	05	38		2006	
MO	0105	Edible offal (mammalian)			CXL	10	43		2011	
PE	0112	Eggs			CXL	10	43		2011	
VO	0050	Fruiting vegetables other than cucurbits		(except sweet corn)	CXL	10	43		2011	
VC	0045	Fruiting vegetables, Cucurbits			CXL	10	43		2011	
MM	0095	Meat (from mammals other than marine mammals)	10	(fat)	CXL	10	43		2011	
FM	0183	Milk fats	7		CXL	10	43		2011	
ML	0106	Milks	0.4		CXL	10	43		2011	
VL	0485	Mustard greens	25		CXL	10	43		2011	
FP	0009	Pome fruits	3		CXL	05	38		2006	
VR	0589	Potato	0.01	(*)	CXL	05	38		2006	
PM	0110	Poultry meat	0.5	(fat)	CXL	10	43		2011	
PO	0111	Poultry, Edible offal of	0.1		CXL	10	43		2011	
DF	0014	Prunes	3		CXL	10	43		2011	
VP	0541	Soya bean (immature seeds)	0.01	(*)	CXL	05	38		2006	
FS	0012	Stone fruits	7		CXL	10	43		2011	
FB	0275	Strawberry	0.5		CXL	10	43		2011	
GS	0659	Sugar cane	0.5		CXL	10	43		2011	

**218 Sulfuryl fluoride**

Main Uses: Fumigant

JMPR: 05

ADI: 0-0.01 mg/kg body weight (2005)

Acute RfD: 0.3 mg/kg body weight (2005)

Residue: For compliance with MRLs in plant commodities: Sulfuryl fluoride

For the estimation of dietary intake from plant commodities: Sulfuryl fluoride and fluoride ion, measured separately

Note: Residues resulting from sulfuryl fluoride fumigation of foodstuffs are primarily fluoride

The dietary risk assessment for fluoride from fumigant use needs to be considered in light of the overall exposure to fluoride from other sources

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CM	0081 Bran, Unprocessed of cereal grain (except buckwheat, cañihua and quinoa)	0.1	Po		CXL	05	38		2006	
CF	0081 Cereal bran, Processed	0.1	Po		CXL	05	38		2006	
GC	0080 Cereal grains	0.05	Po		CXL	05	38		2006	
DF	0167 Dried fruits	0.06	Po		CXL	05	38		2006	
CF	1255 Maize flour	0.1	Po		CXL	05	38		2006	
CF	0645 Maize meal	0.1	Po		CXL	05	38		2006	
CM	0649 Rice, Husked	0.1	Po		CXL	05	38		2006	
CM	1205 Rice, Polished	0.1	Po		CXL	05	38		2006	
CF	1250 Rye flour	0.1	Po		CXL	05	38		2006	
CF	1251 Rye wholemeal	0.1	Po		CXL	05	38		2006	
TN	0085 Tree nuts	3	Po		CXL	05	38		2006	
CF	1211 Wheat flour	0.1	Po		CXL	05	38		2006	
CF	1210 Wheat germ	0.1	Po		CXL	05	38		2006	
CF	1212 Wheat wholemeal	0.1	Po		CXL	05	38		2006	

**219 Bifenazate**

Main Uses: Acaricide

JMPR: 06, 07R

ADI: 0-0.01 mg/kg body weight (2006)

Acute RfD: Unnecessary

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): Sum of bifenazate and bifenazatediazene (diazencarboxylic acid, 2-(4-methoxy-[1,1'-biphenyl-3-yl] 1-methylethyl ester), expressed as bifenazate  
The residue is fat-soluble

Note: Bifenazate is a fat-soluble compound. Previously, the milk MRL would have been marked with an F to indicate a procedure for calculating "MRLs" for processed dairy products. Currently, bifenazate MRLs for milk and milk fat are available to support "MRLs" for processed dairy products (JMPR 2006).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	06	39		2007	
VD 0071	Beans (dry)	0.3			CXL	10	43		2011	
FB 0264	Blackberries	7			CXL	10	43		2011	
SO 0691	Cotton seed	0.3			CXL	06	39		2007	
FB 0266	Dewberries (including boysenberry and loganberry)	7			CXL	10	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL	06	39		2007	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	06	39		2007	
PE 0112	Eggs	0.01		(*)	CXL	06	39		2007	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	06	39		2007	
FB 0269	Grapes	0.7			CXL	06	39		2007	
DH 1100	Hops, Dry	20			CXL	06	39		2007	
VP 0060	Legume vegetables	7			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(fat)	CXL	06,07	40	39	2008	
FM 0183	Milk fats	0.05			CXL	06	39		2007	
ML 0106	Milks	0.01		(*)	CXL	06	39		2007	
HH 0738	Mints	40			CXL	06	39		2007	
VO 0444	Peppers Chili	3			CXL	06	39		2007	
VO 0445	Peppers, Sweet (including pimento or pimienta)	2			CXL	06	39		2007	
FP 0009	Pome fruits	0.7			CXL	06	39		2007	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	06	39		2007	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	06	39		2007	
FB 0272	Raspberries, Red, Black	7			CXL	10	43		2011	
FS 0012	Stone fruits	2			CXL	06	39		2007	
FB 0275	Strawberry	2			CXL	06	39		2007	
VO 0448	Tomato	0.5			CXL	06	39		2007	
TN 0085	Tree nuts	0.2			CXL	06	39		2007	

**220 Aminopyralid**

Main Uses: Herbicide

JMPR: 06, 07

ADI: 0-0.9 mg/kg body weight (2007)

Acute RfD: Unnecessary (2007)

Residue: For compliance with the MRL and for estimation of dietary intake: Aminopyralid and its conjugates that can be hydrolysed, expressed as aminopyralid

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley			CXL	07	40		2008	
MO	0105	Edible offal (mammalian)		Except kidney	CXL	07	40		2008	
PE	0112	Eggs			CXL	07	40		2008	
AS	0164	Fodder (dry) of cereal grains			CXL	07	40		2008	
AS	0162	Hay or fodder (dry) of grasses			CXL	07	40		2008	
MO	0098	Kidney of cattle, goats, pigs and sheep			CXL	07	40		2008	
MM	0095	Meat (from mammals other than marine mammals)			CXL	07	40		2008	
ML	0106	Milks			CXL	07	40		2008	
GC	0647	Oats			CXL	07	40		2008	
PM	0110	Poultry meat			CXL	07	40		2008	
PO	0111	Poultry, Edible offal of			CXL	07	40		2008	
AS	0163	Straw of cereal grains			CXL	07	40		2008	
GC	0653	Triticale			CXL	07	40		2008	
GC	0654	Wheat			CXL	07	40		2008	
CM	0654	Wheat bran, Unprocessed			CXL	07	40		2008	

**221 Boscalid**

Main Uses: Fungicide

JMPR: 06

ADI: 0-0.04 mg/kg body weight

Acute RfD: Unnecessary

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant commodities): Boscalid

For estimation of dietary intake for animal commodities): Sum of boscalid, 2-chloro-N-(4'-chloro-5-hydroxybiphenyl-2-yl)nicotinamide including its conjugate, expressed as boscalid

The residue is fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			CXL	09	42		2010	
FP 0226	Apple	2			CXL	09	42		2010	
FI 0327	Banana	0.6			CXL	08	42	41	2010	
GC 0640	Barley	0.5			CXL	09	42		2010	
AS 0640	Barley straw and fodder, Dry	50	dry wt		CXL	09	42		2010	
FB 0018	Berries and other small fruits	10		(except strawberry and grapes)	CXL	09	42		2010	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	09	42		2010	
VA 0035	Bulb vegetables	5			CXL	09	42		2010	
GC 0080	Cereal grains	0.1		(except barley, oats, rye and wheat)	CXL	09	42		2010	
FC 0001	Citrus fruits	2			CXL	10	43		2011	
OR 0001	Citrus oil, edible	50			CXL	10	43		2011	
As 0001	Citrus pulp, Dry	6			CXL	10	43		2011	
SB 0716	Coffee beans	0.05	(*)		CXL	09	42		2010	
DF 0269	Dried grapes (=currants, raisins and sultanas)	10			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.2			CXL	09	42		2010	
PE 0112	Eggs	0.02			CXL	09	42		2010	
VO 0050	Fruiting vegetables other than cucurbits	3		(except fungi, mushroom and sweet corn)	CXL	09	42		2010	
VC 0045	Fruiting vegetables, Cucurbits	3			CXL	09	42		2010	
FB 0269	Grapes	5			CXL	09	42		2010	
DH 1100	Hops, Dry	60			CXL	10	43		2011	
FI 0341	Kiwifruit	5			CXL	09	42		2010	
VL 0053	Leafy vegetables	40			CXL	10	43		2011	
VP 0060	Legume vegetables	3			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.7	(fat)		CXL	09	42		2010	
FM 0183	Milk fats	2			CXL	09	42		2010	
ML 0106	Milks	0.1			CXL	09	42		2010	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0647	Oat straw and fodder, Dry	50	dry wt	CXL	09	42		2010	
GC	0647	Oats	0.5		CXL	09	42		2010	
SO	0088	Oilseed	1		CXL	09	42		2010	
HS	0444	Peppers Chili, dried	10		CXL	09	42		2010	
TN	0675	Pistachio nuts	1		CXL	09	42		2010	
PF	0111	Poultry fats	0.02		CXL	09	42		2010	
PM	0110	Poultry meat	0.02		CXL	09	42		2010	
PO	0111	Poultry, Edible offal of	0.02		CXL	09	42		2010	
DF	0014	Prunes	10		CXL	09	42		2010	
VD	0070	Pulses	3		CXL	09	42		2010	
VR	0075	Root and tuber vegetables	2		CXL	09	42		2010	
GC	0650	Rye	0.5		CXL	09	42		2010	
AS	0650	Rye straw and fodder, Dry	50	dry wt	CXL	09	42		2010	
VS	0078	Stalk and Stem Vegetables	30		CXL	10	43		2011	
FS	0012	Stone fruits	3		CXL	09	42		2010	
AS	0081	Straw and fodder (dry) of cereal grains	5	dry wt	(except straw and fodder of barley, oats, rye and wheat) CXL	09	42		2010	
FB	0275	Strawberry	3		CXL	09	42		2010	
TN	0085	Tree nuts	0.05	(*)	(except pistachio) CXL	09	42		2010	
GC	0654	Wheat	0.5		CXL	09	42		2010	
AS	0654	Wheat straw and fodder, Dry	50	dry wt	CXL	09	42		2010	



**222 Quinoxifen**

Main Uses: Fungicide

JMPR: 06, 07R

ADI: 0-0.2 mg/kg body weight (2006)

Acute RfD: Unnecessary (2006)

Residue: For compliance with MRLs and estimation of dietary intake: Quinoxifen

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.01 (*)			CXL	06	39		2007	
FS	0013 Cherries	0.4			CXL	06	39		2007	
FB	0278 Currant, Black	1			CXL	06	39		2007	
MO	0105 Edible offal (mammalian)	0.01 (*)			CXL	06	39		2007	
PE	0112 Eggs	0.01 (*)			CXL	06	39		2007	
FB	0269 Grapes	2			CXL	06	39		2007	
DH	1100 Hops, Dry	1			CXL	06	39		2007	
VL	0482 Lettuce, Head	8			CXL	06	39		2007	
VL	0483 Lettuce, Leaf	20			CXL	06	39		2007	
MM	0095 Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	07	40	39	2008	
VC	0046 Melons, except watermelon	0.1			CXL	06	39		2007	
FM	0183 Milk fats	0.2			CXL	06	39		2007	
ML	0106 Milks	0.01			CXL	06	39		2007	
VO	0051 Peppers	1			CXL	06	39		2007	
HS	0444 Peppers Chili, dried	10			CXL	06	39		2007	
PM	0110 Poultry meat	0.02 (fat)			CXL	06	39		2007	
PO	0111 Poultry, Edible offal of	0.01			CXL	06	39		2007	
FB	0275 Strawberry	1			CXL	06	39		2007	
VR	0596 Sugar beet	0.03			CXL	06	39		2007	
GC	0654 Wheat	0.01 (*)			CXL	06	39		2007	

**223 Thiacloprid**

Main Uses: Insecticide

JMPR: 06

ADI: 0-0.01 mg/kg body weight (2006)

Acute RfD: 0.03 mg/kg body weight (2006)

Residue: For compliance with MRLs and estimation of dietary intake in plant and animals commodities: Thiacloprid

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls	10		CXL	06	39		2007	
FB	0018	Berries and other small fruits	1		CXL	06	39		2007	
SO	0691	Cotton seed	0.02	(*)	CXL	06	39		2007	
VC	0424	Cucumber	0.3		CXL	06	39		2007	
MO	0105	Edible offal (mammalian)	0.5		CXL	06	39		2007	
VO	0440	Egg plant	0.7		CXL	06	39		2007	
PE	0112	Eggs	0.02	(*)	CXL	06	39		2007	
FI	0341	Kiwifruit	0.2		CXL	06	39		2007	
MM	0095	Meat (from mammals other than marine mammals)	0.1		CXL	06	39		2007	
VC	0046	Melons, except watermelon	0.2		CXL	06	39		2007	
ML	0106	Milks	0.05		CXL	06	39		2007	
SO	0485	Mustard seed	0.5		CXL	06	39		2007	
VO	0445	Peppers, Sweet (including pimento or pimiento)	1		CXL	06	39		2007	
FP	0009	Pome fruits	0.7		CXL	06	39		2007	
VR	0589	Potato	0.02	(*)	CXL	06	39		2007	
PM	0110	Poultry meat	0.02	(*)	CXL	06	39		2007	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	06	39		2007	
SO	0495	Rape seed	0.5		CXL	06	39		2007	
GC	0649	Rice	0.02	(*)	CXL	06	39		2007	
VC	0431	Squash, summer	0.3		CXL	06	39		2007	
FS	0012	Stone fruits	0.5		CXL	06	39		2007	
VO	0448	Tomato	0.5		CXL	06	39		2007	
TN	0085	Tree nuts	0.02		CXL	06	39		2007	
VC	0432	Watermelon	0.2		CXL	06	39		2007	
GC	0654	Wheat	0.1		CXL	06	39		2007	
AS	0654	Wheat straw and fodder, Dry	5		CXL	06	39		2007	
VC	0433	Winter squash	0.2		CXL	06	39		2007	

**224 Difenoconazole**

Main Uses: Fungicide

JMPR: 2007(TR), 2010(R), 2013(R)

ADI: 0-0.01 mg/kg body weight (2007)

Acute RfD: 0.3 mg/kg body weight (2007)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Difenoconazole

For compliance with the MRL and for estimation of dietary intake for animal commodities: Sum of difenoconazole and 1-[2-chloro-4-(4-chloro-phenoxy)-phenyl]-2-(1,2,4-triazol)-1-yl-ethanol, expressed as difenoconazole

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0621 Asparagus	0.03			CXL	07	40		2008	
FI	0327 Banana	0.1			CXL	07	40		2008	
VP	0061 Beans, except broad bean and soya bean	0.7			CXL	10	43		2011	
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			3	2013	46			
VB	0400 Broccoli	0.5			CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
VB	0402 Brussels sprouts	0.2			CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
VB	0041 Cabbages, Head	0.2			CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
VR	0577 Carrot	0.2			CXL	07	40		2008	
VB	0404 Cauliflower	0.2			CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
VR	0578 Celeriac	0.5			CXL	07	40		2008	
VS	0624 Celery	3			CXL	07	40		2008	
FS	0013 Cherries	0.2			CXL	07	40		2008	
FC	0001 Citrus fruits	0.6			3	2013	46			
VC	0424 Cucumber	0.2			3	2013	46			
DF	0269 Dried grapes (=currants, raisins and sultanas)	6			3	2013	46			
MO	0105 Edible offal (mammalian)	0.2			CXL	10	43		2011	
MO	0105 Edible offal (mammalian)	1.5			3	2013	46			
PE	0112 Eggs	0.01	(*)		CXL	07	40		2008	
PE	0112 Eggs	0.03			3	2013	46			
VO	0050 Fruiting vegetables other than cucurbits	0.6		(except sweet corn and mushroom)	3	2013	46			
VA	0381 Garlic	0.02	(*)		CXL	07	40		2008	
VC	0425 Gherkin	0.2			3	2013	46			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0604	Ginseng			CXL	10	43		2011	
VR	0604	Ginseng			3	2013	46			
DV	0604	Ginseng, dried including red ginseng			3	2013	46			
DM	0604	Ginseng, extracts			3	2013	46			
FB	0269	Grapes			CXL	07	40		2008	
FB	0269	Grapes			3	2013	46			
VA	0384	Leek			CXL	07	40		2008	
VL	0482	Lettuce, Head			CXL	07	40		2008	
VL	0483	Lettuce, Leaf			CXL	07	40		2008	
FI	0345	Mango			CXL	07	40		2008	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(fat)	CXL	10	43		2011	The maximum residue limit recommended by the 2007 JMPR remained the same
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat)	3	2013	46			
VC	0046	Melons, except watermelon	0.7		3	2013	46			
ML	0106	Milks	0.005	(*)	CXL	10	43		2011	The maximum residue limit recommended by the 2007 JMPR remained the same
ML	0106	Milks	0.02		3	2013	46			
FS	0245	Nectarine	0.5		CXL	07	40		2008	
FT	0305	Olives	2		CXL	07	40		2008	
VA	0385	Onion, Bulb	0.1		3	2013	46			
FI	0350	Papaya	0.2		CXL	07	40		2008	
FI	0350	Papaya	0.3		7	10	45	43,44		The recommendation is based on reported use conditions to provide appropriate protection of the crop, but it is not supported by official information on use (JMPR 2010 ). CCPR advanced the MRL to Step 5 awaiting authorized GAP to be submitted by Kenya (43:66). CCPR retained the MRL at Step 7 awaiting information on authorized GAP to be submitted by Kenya for the 2015 follow-up evaluation (44:58).
FI	0351	Passion fruit	0.05		CXL	10	43		2011	
FS	0247	Peach	0.5		CXL	07	40		2008	
VP	0063	Peas (pods and succulent=immature seeds)	0.7		CXL	10	43		2011	
HS	0444	Peppers Chili, dried	5		3	2013	46			
FS	0014	Plums (including prunes)	0.2		CXL	07	40		2008	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0009	Pome fruits			CXL	07	40		2008	
FP	0009	Pome fruits			3	2013	46			
VR	0589	Potato			CXL	07	40		2008	
VR	0589	Potato	4	Po	3	2013	46			
PM	0110	Poultry meat	0.01	(*) (fat)	CXL	07	40		2008	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	07	40		2008	
SO	0495	Rape seed	0.05		CXL	07	40		2008	
VD	0541	Soya bean (dry)	0.02	(*)	CXL	07	40		2008	
VA	0389	Spring Onion	9		3	2013	46			
VC	0431	Squash, summer	0.2		3	2013	46			
VR	0596	Sugar beet	0.2		CXL	07	40		2008	
SO	0702	Sunflower seed	0.02		CXL	07	40		2008	
VO	0448	Tomato	0.5		CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
TN	0085	Tree nuts	0.03		CXL	10	43		2011	
GC	0654	Wheat	0.02	(*)	CXL	07	40		2008	
AS	0654	Wheat straw and fodder, Dry	3		CXL	07	40		2008	

**225 Dimethomorph**

Main Uses: Fungicide

JMPR: 07

ADI: 0-0.1 mg/kg body weight (2007)

Acute RfD: 0.6 mg/kg body weight (2007)

Residue: For compliance with MRLs and estimation of dietary intake: Dimethomorph (sum of isomers)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0400 Broccoli	1			CXL	07	40		2008	
VB	0041 Cabbages, Head	2			CXL	07	40		2008	
VL	0470 Corn salad	10			CXL	07	40		2008	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	07	40		2008	
MO	0105 Edible offal (mammalian)	0.01		(*)	CXL	07	40		2008	
PE	0112 Eggs	0.01		(*)	CXL	07	40		2008	
VO	0050 Fruiting vegetables other than cucurbits	1		(except fungi, edible; mushrooms and sweet corn corn-on-the-cob and kernels)	CXL	07	40		2008	
VC	0045 Fruiting vegetables, Cucurbits	0.5			CXL	07	40		2008	
FB	0269 Grapes	2			CXL	07	40		2008	
DH	1100 Hops, Dry	80			CXL	07	40		2008	
VB	0405 Kohlrabi	0.02			CXL	07	40		2008	
VL	0482 Lettuce, Head	10			CXL	07	40		2008	
MM	0095 Meat (from mammals other than marine mammals)	0.01		(*)	CXL	07	40		2008	
ML	0106 Milks	0.01		(*)	CXL	07	40		2008	
HS	0444 Peppers Chili, dried	5			CXL	07	40		2008	
FI	0353 Pineapple	0.01		(*)	CXL	07	40		2008	
VR	0589 Potato	0.05			CXL	07	40		2008	
PM	0110 Poultry meat	0.01		(*)	CXL	07	40		2008	
PO	0111 Poultry, Edible offal of	0.01		(*)	CXL	07	40		2008	
FB	0275 Strawberry	0.05			CXL	07	40		2008	

**226 Pyrimethanil**

Main Uses: Fungicide

JMPR: 2007(TR), 2013(R)

ADI: 0-0.2 mg/kg body weight (2007)

Acute RfD: Unnecessary (2007)

Residue: For compliance with MRL and dietary intake for plant commodities: Pyrimethanil

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	12			CXL	07	40		2008	
TN	0660 Almonds	0.2			CXL	07	40		2008	
AB	0226 Apple pomace, dry	40			CXL	07	40		2008	
FS	0240 Apricot	3			CXL	07	40		2008	
FI	0327 Banana	0.1			CXL	07	40		2008	
VR	0577 Carrot	1			CXL	07	40		2008	
FS	0013 Cherries	4	Po		CXL	07	40		2008	
FC	0001 Citrus fruits	7	Po		CXL	07	40		2008	
VP	0526 Common bean (pods and/or immature seeds)	3			CXL	07	40		2008	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	07	40		2008	
MO	0105 Edible offal (mammalian)	0.1			CXL	07	40		2008	
VD	0561 Field pea (dry)	0.5			CXL	07	40		2008	
DV	0604 Ginseng, dried including red ginseng	1.5			3	2013	46			
FB	0269 Grapes	4			CXL	07	40		2008	
VL	0482 Lettuce, Head	3			CXL	07	40		2008	
FB	2009 Low growing berries	3			3	2013	46			
MM	0095 Meat (from mammals other than marine mammals)	0.05	(*)		CXL	07	40		2008	
ML	0106 Milks	0.01			CXL	07	40		2008	
FS	0245 Nectarine	4			CXL	07	40		2008	
VA	0385 Onion, Bulb	0.2			CXL	07	40		2008	
AL	0072 Pea hay or pea fodder (dry)	3			CXL	07	40		2008	
FS	0247 Peach	4			CXL	07	40		2008	
FS	0014 Plums (including prunes)	2			CXL	07	40		2008	
FP	0009 Pome fruits	7	Po		CXL	07	40		2008	
FP	0009 Pome fruits	15	Po		3	2013	46			
VR	0589 Potato	0.05	(*)		CXL	07	40		2008	
VA	0389 Spring Onion	3			CXL	07	40		2008	
FB	0275 Strawberry	3			CXL	07	46	40	2008	Withdrawal recommended by the 2013 JMPR
VO	0448 Tomato	0.7			CXL	07	40		2008	

**227 Zoxamide**

Main Uses: Fungicide

JMPR: 07

ADI: 0-0.5 mg/kg body weight (2007)

Acute RfD: Unnecessary (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Zoxamide

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DF	0269	Dried grapes (=currants, raisins and sultanas)	15		CXL	07	40		2008	
VC	0045	Fruiting vegetables, Cucurbits	2		CXL	09	42		2010	
FB	0269	Grapes	5		CXL	07	40		2008	
VR	0589	Potato	0.02		CXL	07	40		2008	
VO	0448	Tomato	2		CXL	07	40		2008	



**229 Azoxystrobin**

Main Uses: Acaricide

JMPR: 2008(TR), 2011(R), 2012(R)

ADI: 0-0.2 mg/kg body weight (2008)

Acute RfD: Unnecessary (JMPR 2011) (2008)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Azoxystrobin

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	7			CXL	08	41		2009	
VS	0620 Artichoke, Globe	5			CXL	08	41		2009	
VS	0621 Asparagus	0.01	(*)		CXL	08	41		2009	
FI	0327 Banana	2			CXL	08	41		2009	
GC	0640 Barley	0.5			CXL	08	41		2009	
GC	0640 Barley	1.5			3	2013	46			
FB	0018 Berries and other small fruits	5		(except cranberry, grapes and strawberry)	CXL	08	41		2009	
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	08	41		2009	
VA	0035 Bulb vegetables	10			CXL	08	41		2009	
FT	0289 Carambola	0.1			CXL	12	45		2013	
VS	0624 Celery	5			CXL	08	41		2009	
FC	0001 Citrus fruits	15			CXL	08	41		2009	
SB	0716 Coffee beans	0.02			CXL	11	44		2012	
SB	0716 Coffee beans	0.03			3	2013	46			
SO	0691 Cotton seed	0.7			CXL	08	41		2009	
FB	0265 Cranberry	0.5			CXL	08	41		2009	
DH	0170 Dried herbs	300		(except hops (dry))	CXL	08	41		2009	
MO	0105 Edible offal (mammalian)	0.07			CXL	08	41		2009	
PE	0112 Eggs	0.01	(*)		CXL	08	41		2009	
VO	0050 Fruiting vegetables other than cucurbits	3		(except mushrooms and sweet corn)	CXL	08	41		2009	
VC	0045 Fruiting vegetables, Cucurbits	1			CXL	08	41		2009	
VR	0604 Ginseng	0.1			CXL	11	44		2012	
DV	0604 Ginseng, dried including red ginseng	0.3			CXL	11,12	45	44	2013	
DM	0604 Ginseng, extracts	0.5			CXL	11,12	45	44	2013	
FB	0269 Grapes	2			CXL	08	41		2009	
HH	0092 Herbs	70			CXL	08	41		2009	
DH	1100 Hops, Dry	30			CXL	08	41		2009	
VP	0060 Legume vegetables	3			CXL	08	41		2009	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0482	Lettuce, Head			CXL	08	41		2009	
VL	0483	Lettuce, Leaf			CXL	08	41		2009	
GC	0645	Maize			CXL	08	41		2009	
AS	0645	Maize fodder (dry)		dry wt	CXL	08	41			
OR	0645	Maize oil, Edible			CXL	08	41		2009	
FI	0345	Mango			CXL	08	41		2009	
MM	0095	Meat (from mammals other than marine mammals)		(fat)	CXL	08	41		2009	
FM	0183	Milk fats			CXL	08	41		2009	
ML	0106	Milks			CXL	08	41		2009	
GC	0647	Oats			CXL	08	41		2009	
GC	0647	Oats			3	2013	46			
FI	0350	Papaya			CXL	08	41		2009	
AL	0072	Pea hay or pea fodder (dry)		dry wt	3	2013	46			
SO	0697	Peanut			CXL	08	41		2009	
AL	0697	Peanut fodder			CXL	08	41		2009	
HS	0444	Peppers Chili, dried			CXL	08	41		2009	
TN	0675	Pistachio nuts			CXL	08	41		2009	
FI	0354	Plantain			CXL	08	41		2009	
VR	0589	Potato		Po	3	2013	46			
PM	0110	Poultry meat		(*)	CXL	08	41		2009	
PO	0111	Poultry, Edible offal of		(*)	CXL	08	41		2009	
VD	0070	Pulses		(except soya beans)	3	2013	46			
GC	0649	Rice			CXL	08	41		2009	
VR	0075	Root and tuber vegetables			CXL	08	41		2009	Withdrawal recommended by the 2013 JMPR
VR	0075	Root and tuber vegetables		(except potato)	3	2013	46			
GC	0650	Rye			CXL	08	41		2009	
GC	0651	Sorghum			3	2013	46			
AS	0651	Sorghum straw and fodder, Dry		dry wt	3	2013	46			
VD	0541	Soya bean (dry)			CXL	08	41		2009	
AL	0541	Soya bean fodder			CXL	08	41		2009	
FS	0012	Stone fruits			CXL	08	41		2009	
AS	0081	Straw and fodder (dry) of cereal grains			CXL	08	41		2009	Withdrawal recommended by the 2013 JMPR
AS	0081	Straw and fodder (dry) of cereal grains		dry wt	(except maize and sorghum)	3	2013	46		
FB	0275	Strawberry			CXL	08	41		2009	
SO	0702	Sunflower seed			CXL	08	41		2009	
TN	0085	Tree nuts			CXL	08	41		2009	
GC	0653	Triticale			CXL	08	41		2009	
GC	0654	Wheat			CXL	08	41		2009	
VS	0469	Witloof chicory (sprouts)			CXL	08	41		2009	

**230 Chlorantraniliprole**

Main Uses: Insecticide

JMPR: 2008(TR), 2010(R), 2013(R)

ADI: 0-2 mg/kg body weight (2008)

Acute RfD: Unnecessary (2008)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Chlorantraniliprole

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	50			CXL	10	43		2011	
VS	0620 Artichoke, Globe	2			3	2013	46			
VP	0061 Beans, except broad bean and soya bean	0.8		(green pods and immature seeds)	3	2013	46			
FB	0018 Berries and other small fruits	1			CXL	10	43		2011	
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	10	43		2011	
VR	0577 Carrot	0.08			3	2013	46			
VS	0624 Celery	7			CXL	08	41		2009	
GC	0080 Cereal grains	0.02			CXL	08	41		2009	Withdrawal recommended by the 2013 JMPR
GC	0080 Cereal grains	0.02		(except rice)	3	2013	46			
FC	0001 Citrus fruits	0.5			CXL	10	43		2011	
SB	0716 Coffee beans	0.05			3	2013	46			
SO	0691 Cotton seed	0.3			CXL	08	41		2009	
MO	0105 Edible offal (mammalian)	0.2			CXL	10	43		2011	
PE	0112 Eggs	0.1			CXL	10	43		2011	
PE	0112 Eggs	0.2			3	2013	46			
VO	0050 Fruiting vegetables other than cucurbits	0.6			CXL	08	41		2009	
VC	0045 Fruiting vegetables, Cucurbits	0.3			CXL	08	41		2009	
DH	1100 Hops, Dry	40			3	2013	46			
VL	0053 Leafy vegetables	20			CXL	08	41		2009	Withdrawal recommended by the 2013 JMPR
VL	0053 Leafy vegetables	20		(except radish leaves)	3	2013	46			
AS	0645 Maize fodder (dry)	25			CXL	10	43		2011	
MM	0095 Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	10	43		2011	
FM	0183 Milk fats	0.2			CXL	10	43		2011	
ML	0106 Milks	0.05			CXL	10	43		2011	
HH	0738 Mints	15			CXL	10	43		2011	
VP	0063 Peas (pods and succulent=immature seeds)	2			3	2013	46			
VP	0064 Peas, Shelled (succulent seeds)	0.05			3	2013	46			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0444 Peppers Chili, dried	5			CXL	08	41		2009	
FP	0009 Pome fruits	0.4			CXL	08	41		2009	
FI	0355 Pomegranate	0.4			3	2013	46			
PM	0110 Poultry meat	0.01		(*) (fat)	CXL	08	41		2009	
PM	0110 Poultry meat	0.01		(*)	3	2013	46			
PO	0111 Poultry, Edible offal of	0.01		(*)	CXL	10	43		2011	
PO	0111 Poultry, Edible offal of	0.01		(*)	3	2013	46			
VR	0494 Radish	0.5			3	2013	46			
VL	0494 Radish leaves (including radish tops)	40			3	2013	46			
SO	0495 Rape seed	2			3	2013	46			
GC	0649 Rice	0.4			3	2013	46			
CM	1205 Rice, Polished	0.04			3	2013	46			
VR	0075 Root and tuber vegetables	0.02			CXL	08	41		2009	Withdrawal recommended by the 2013 JMPR
VR	0075 Root and tuber vegetables	0.02		(except carrot and radish)	3	2013	46			
FS	0012 Stone fruits	1			CXL	08	41		2009	
AS	0081 Straw and fodder (dry) of cereal grains	0.3			CXL	08	41		2009	
GS	0659 Sugar cane	0.5			CXL	10	43		2011	
SO	0702 Sunflower seed	2			3	2013	46			
VO	0447 Sweet corn (corn-on-the-cob)	0.01		(*)	CXL	10	43		2011	
TN	0085 Tree nuts	0.02			CXL	10	43		2011	

**231 Mandipropamid**

Main Uses: Fungicide

JMPR: 2008(TR)

ADI: 0-0.2 mg/kg body weight (2008)

Acute RfD: Unnecessary (2008)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Mandipropamid

The residue not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0400 Broccoli	2			CXL	08	41		2009	
VB	0041 Cabbages, Head	3			CXL	08	41		2009	
VS	0624 Celery	20			CXL	08	41		2009	
VC	0424 Cucumber	0.2			CXL	08	41		2009	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	08	41		2009	
FB	0269 Grapes	2			CXL	08	41		2009	
DH	1100 Hops, Dry	90			3	2013	46			
VL	0053 Leafy vegetables	25			CXL	08	41		2009	
VC	0046 Melons, except watermelon	0.5			CXL	08	41		2009	
VA	0385 Onion, Bulb	0.1			CXL	08	41		2009	
VO	0051 Peppers	1			CXL	08	41		2009	
HS	0444 Peppers Chili, dried	10			CXL	08	41		2009	
VR	0589 Potato	0.01 (*)			CXL	08	41		2009	
VA	0389 Spring Onion	7			CXL	08	41		2009	
VC	0431 Squash, summer	0.2			CXL	08	41		2009	
VO	0448 Tomato	0.3			CXL	08	41		2009	

**232 Prothioconazole**

Main Uses: Fungicide

JMPR:

ADI: 0-0.05 mg/kg body weight

Acute RfD: 0.8 mg/kg body weight (2008)

Residue: For compliance with MRL and estimation of dietary intake for plant commodities: Prothioconazole-desthio

For compliance with MRL for animal commodities: Prothioconazole-desthio

For the estimation of dietary intake for animal commodities: Sum of prothioconazole-desthio, prothioconazole-desthio-3-hydroxy, prothioconazole-desthio-4-hydroxy and their conjugates expressed as prothioconazole-desthio

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.5			CXL	09	42		2010	
AS 0164	Fodder (dry) of cereal grains	5			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	09	42		2010	
ML 0106	Milks	0.004 (*)			CXL	09	42		2010	
GC 0647	Oats	0.05			CXL	08	41		2009	
SO 0697	Peanut	0.02 (*)			CXL	08	41		2009	
VD 0070	Pulses	1		(except soya bean, dry)	CXL	09	42		2010	
SO 0495	Rape seed	0.1			CXL	09	42		2010	
GC 0650	Rye	0.05			CXL	08	41		2009	
AS 0081	Straw and fodder (dry) of cereal grains	4			CXL	09	42		2010	
VR 0596	Sugar beet	0.3			CXL	09	42		2010	
GC 0653	Triticale	0.05			CXL	08	41		2009	
GC 0654	Wheat	0.1			CXL	09	42		2010	

**233 Spinetoram**

Main Uses: Insecticide

JMPR: 2008(TR), 2012(R)

ADI: 0-0.05 mg/kg body weight (2008)

Acute RfD: Unnecessary (2008)

Residue: For compliance with MRLs: Spinetoram

For estimation of dietary intake: Spinetoram and N-demethyl and N-formyl metabolites of the major spinetoram component

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP	0061	Beans, except broad bean and soya bean		(green pods and immature seeds)	CXL	12	45		2013	
FB	0020	Blueberries			CXL	12	45		2013	
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas			CXL	12	45		2013	
VS	0624	Celery			CXL	12	45		2013	
MO	0105	Edible offal (mammalian)	0.01	(*)	CXL	08	41		2009	
PE	0112	Eggs	0.01	(*)	CXL	12	45		2013	
FB	0269	Grapes	0.3		CXL	12	45		2013	
VL	0482	Lettuce, Head	10		CXL	08	41		2009	
VL	0483	Lettuce, Leaf	10		CXL	08	41		2009	
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat)	CXL	08	41		2009	
FM	0183	Milk fats	0.1		CXL	08	41		2009	
ML	0106	Milks	0.01	(*)	CXL	08	41		2009	
FS	0245	Nectarine	0.3		CXL	12	45		2013	
VA	0385	Onion, Bulb	0.01	(*)	CXL	12	45		2013	
VA	0387	Onion, Welsh	0.8		CXL	12	45		2013	
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.07		CXL	08	41		2009	
FS	0247	Peach	0.3		CXL	12	45		2013	
FP	0009	Pome fruits	0.05		CXL	08	41		2009	
PF	0111	Poultry fats	0.01	(*)	CXL	12	45		2013	
PM	0110	Poultry meat	0.01		CXL	12	45		2013	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	12	45		2013	
FB	0272	Raspberries, Red, Black	0.8		CXL	12	45		2013	
VL	0502	Spinach	8		CXL	12	45		2013	
VA	0389	Spring Onion	0.8		CXL	12	45		2013	
VR	0596	Sugar beet	0.01	(*)	CXL	08	41		2009	
VO	0448	Tomato	0.06		CXL	08	41		2009	
TN	0085	Tree nuts	0.01		CXL	08	41		2009	

**234 Spirotetramate**

Main Uses: Insecticide

JMPR: 2008(TR), 2011(R), 2012(R), 2013(R)

ADI: 0-0.5 mg/kg body weight (2008)

Acute RfD: 1.0 mg/kg body weight (2008)

Residue: For compliance with MRL for plant commodities: Spirotetramat and its enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat

For estimation of dietary intake for plant commodities: Spirotetramat, enol metabolite 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, ketohydroxy metabolite 3-(2,5-dimethylphenyl)-3-hydroxy-8-methoxy-1-azaspiro[4.5]decane-2,4-dione, monohydroxy metabolite cis-3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]decan-2-one, and enol glucoside metabolite glucoside of 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat

For compliance with MRL and estimation of dietary intake for animal commodities: Spirotetramat enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	10			CXL	08	41		2009	
VS	0620 Artichoke, Globe	1			3	2013	46			
FB	2006 Bush berries	1.5			3	2013	46			
VB	0041 Cabbages, Head	2			CXL	08	41		2009	
VS	0624 Celery	4			CXL	08	41		2009	
FC	0001 Citrus fruits	0.5			CXL	08	41		2009	
SO	0691 Cotton seed	0.4			CXL	11	44		2012	
AB	1203 Cotton seed , meal	1			CXL	11	44		2012	
FB	0265 Cranberry	0.2			3	2013	46			
DF	0269 Dried grapes (=currants, raisins and sultanas)	4			CXL	08	41		2009	
MO	0105 Edible offal (mammalian)	1			CXL	11	44		2012	
PE	0112 Eggs	0.01			CXL	11	44		2012	
VB	0042 Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	1			CXL	08	41		2009	
VO	0050 Fruiting vegetables other than cucurbits	1		(except sweet corn, mushrooms and chili pepper)	CXL	08	41		2009	
VC	0045 Fruiting vegetables, Cucurbits	0.2			CXL	08	41		2009	
AB	0269 Grape pomace, Dry	4			CXL	08	41		2009	
FB	0269 Grapes	2			CXL	08	41		2009	
DH	1100 Hops, Dry	15			CXL	08	41		2009	
FI	0341 Kiwifruit	0.02		(*)	CXL	11	44		2012	
VL	0053 Leafy vegetables	7			CXL	08	41		2009	
AL	0157 Legume animal feeds	30			CXL	11	44		2012	
VP	0060 Legume vegetables	1.5			CXL	11	44		2012	
FI	0343 Litchi	15			CXL	11	44		2012	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0345	Mango			CXL	11	44		2012	
MM	0095	Meat (from mammals other than marine mammals)			CXL	11	44		2012	
ML	0106	Milks			CXL	12	45		2013	
VA	0385	Onion, Bulb			CXL	11	44		2012	
FI	0350	Papaya			CXL	11	44		2012	
VO	0444	Peppers Chili		(Non-bell)	CXL	08	41		2009	
HS	0444	Peppers Chili, dried			CXL	08	41		2009	
FP	0009	Pome fruits			CXL	2008	41		2009	
VR	0589	Potato			CXL	08	41		2009	
PM	0110	Poultry meat			CXL	11	44		2012	
PO	0111	Poultry, Edible offal of			CXL	11	44		2012	
DF	0014	Prunes			CXL	08	41		2009	
VD	0070	Pulses		(except soya bean (dry))	CXL	11	44		2012	
VD	0541	Soya bean (dry)			CXL	11	44		2012	
FS	0012	Stone fruits			CXL	08	41		2009	
TN	0085	Tree nuts			CXL	08	41		2009	

**235 Fluopicolide**

Main Uses: Fungicide

JMPR:

ADI: 0-0.08 mg/kg body weight

Acute RfD: 0.6 mg/kg body weight (for women of child-bearing age) (2009)

Residue: For compliance with the MRL for plant and animal commodities: Fluopicolide

For estimation of dietary intake for plant and animal commodities: Fluopicolide and 2,6-dichlorobenzamide measured separately

The residue is fat-soluble

Note: 2,6-dichlorobenzamide: ADI: 0–0.02 mg/kg bw; ARfD: 0.6 mg/kg bw (general population)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0402	Brussels sprouts	0.2			CXL	09	42		2010	
VB 0041	Cabbages, Head	7			CXL	09	43		2011	
VS 0624	Celery	20			CXL	09	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	10			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	09	42		2010	
PE 0112	Eggs	0.01		(*)	CXL	09	42		2010	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	2			CXL	09	42		2010	
VO 0050	Fruiting vegetables other than cucurbits	1		(except mushrooms and sweet corn)	CXL	09	42		2010	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	09	42		2010	
AB 0269	Grape pomace, Dry	7			CXL	09	42		2010	
FB 0269	Grapes	2			CXL	09	42		2010	
VL 0053	Leafy vegetables	30			CXL	09	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*) (fat)	CXL	09	42		2010	
ML 0106	Milks	0.02			CXL	09	42		2010	
VA 0385	Onion, Bulb	1			CXL	09	42		2010	
VA 0387	Onion, Welsh	10			CXL	09	42		2010	
HS 0444	Peppers Chili, dried	7			CXL	09	42		2010	
PM 0110	Poultry meat	0.01		(*)	CXL	09	42		2010	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	09	42		2010	
AS 0081	Straw and fodder (dry) of cereal grains	0.2			CXL	09	42		2010	

**236 Metaflumizone**

Main Uses: Insecticide

JMPR:

ADI: 0-0.1 mg/kg body weight

Acute RfD: Unnecessary

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Metaflumizone, sum of metaflumizone E-isomer and metaflumizone Z-isomer

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0402	Brussels sprouts	0.8		CXL	09	42		2010	
VL	0466	Chinese cabbage (type pack-choi)	6		CXL	09	42		2010	
MO	0105	Edible offal (mammalian)	0.02	(*)	CXL	09	42		2010	
VO	0440	Egg plant	0.6		CXL	09	42		2010	
VL	0482	Lettuce, Head	7		CXL	09	42		2010	
MM	0095	Meat (from mammals other than marine mammals)	0.02	(*) (fat)	CXL	09	42		2010	
FM	0183	Milk fats	0.02		CXL	09	42		2010	
ML	0106	Milks	0.01	(*)	CXL	09	42		2010	
VO	0051	Peppers	0.6		CXL	09	42		2010	
HS	0444	Peppers Chili, dried	6		CXL	09	42		2010	
VR	0589	Potato	0.02	(*)	CXL	09	42		2010	
VO	0448	Tomato	0.6		CXL	09	42		2010	

**237 Spirodiclofen**

Main Uses: Insecticide

JMPR:

ADI: 0-0.01 mg/kg body weight

Acute RfD: Unnecessary

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Spirodiclofen

For compliance with the MRL for animal commodities: Spirodiclofen

For estimation of dietary intake for animal commodities: The sum of spirodiclofen and spirodiclofen-enol, expressed as spirodiclofen

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls	15		CXL	09	42		2010	
AB	0226	Apple pomace, dry	4		CXL	09	42		2010	
FC	0001	Citrus fruits	0.4		CXL	09	42		2010	
SB	0716	Coffee beans	0.03	(*)	CXL	09	42		2010	
VC	0424	Cucumber	0.07		CXL	09	42		2010	
FB	0021	Currants, Black, Red, White	1		CXL	09	42		2010	
DF	0269	Dried grapes (=currants, raisins and sultanas)	0.3		CXL	09	42		2010	
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	09	42		2010	
VC	0425	Gherkin	0.07		CXL	09	42		2010	
FB	0269	Grapes	0.2		CXL	09	42		2010	
DH	1100	Hops, Dry	40		CXL	09	42		2010	
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*) (fat)	CXL	09	42		2010	
ML	0106	Milks	0.004	(*)	CXL	09	42		2010	
FI	0350	Papaya	0.03	(*)	CXL	09	42		2010	
VO	0445	Peppers, Sweet (including pimento or pimiento)	0.2		CXL	09	42		2010	
FP	0009	Pome fruits	0.8		CXL	09	42		2010	
FS	0012	Stone fruits	2		CXL	09	42		2010	
FB	0275	Strawberry	2		CXL	09	42		2010	
VO	0448	Tomato	0.5		CXL	09	42		2010	
TN	0085	Tree nuts	0.05		CXL	09	42		2010	

**238 Clothianidin**

Main Uses: Insecticide

JMPR: 2010(TR), 2011(R)

ADI: 0-0.1 mg/kg body weight (2010)

Acute RfD: 0.6 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Clothianidin

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0620	Artichoke, Globe	0.05	T		CXL	10	43		2011
FI	0327	Banana	0.02	C,t		CXL	10	44	43	2012
GC	0640	Barley	0.04	c,T		CXL	10	43		2011
AS	0640	Barley straw and fodder, Dry	0.2	dry wt T,c		CXL	10	43		2011
FB	0018	Berries and other small fruits	0.07	c,T	(except grapes)	CXL	10	43		2011
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.2	T		CXL	10	43		2011
SB	0715	Cacao beans	0.02	(*) T		CXL	10	43		2011
VS	0624	Celery	0.04	T		CXL	10	43		2011
FC	0001	Citrus fruits	0.07	T	(excluding kumquats)	CXL	10	45	43	2013
SB	0716	Coffee beans	0.05	T		CXL	10	43		2011
DF	0269	Dried grapes (=currants, raisins and sultanas)	1	C,t		CXL	10	43,44		2012
MO	0105	Edible offal (mammalian)	0.02	(*) C,t	(except liver)	CXL	10	44	43	2012
PE	0112	Eggs	0.01	(*) C,t		CXL	10	44	43	2012
VO	0050	Fruiting vegetables other than cucurbits	0.05	T	(except sweet corn)	CXL	10	43		2011
VC	0045	Fruiting vegetables, Cucurbits	0.02	(*) T		CXL	10	43		2011
JF	0269	Grape juice	0.2	C,t		CXL	10	43		2012
FB	0269	Grapes	0.7	C,t		CXL	10	44	43	2012
VL	0053	Leafy vegetables	2	T		CXL	10	43		2011
VP	0060	Legume vegetables	0.01	(*) T		CXL	10	43		2011
MO	0099	Liver of cattle, goats, pigs & sheep	0.2	c,T		CXL	10	43		2011
GC	0645	Maize	0.02	c,T		CXL	10	43		2011
AS	0645	Maize fodder (dry)	0.01	(*) dry wt T		CXL	10	43		2011
MF	0100	Mammalian fats (except milk fats)	0.02	(*) C,t		CXL	10	44	43	2012
MM	0095	Meat (from mammals other than marine mammals)	0.02	(*) C,t		CXL	10	44	43	2012
ML	0106	Milks	0.02			CXL	10	44	43	2012
SO	0088	Oilseed	0.02	(*) c,T		CXL	10	43		2011

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0350	Papaya								
AL	0072	Pea hay or pea fodder (dry)	dry wt							
TN	0672	Pecan								
HS	0444	Peppers Chili, dried								
FI	0353	Pineapple								
FP	0009	Pome fruits								
GC	0656	Popcorn								
PF	0111	Poultry fats								
PM	0110	Poultry meat								
PO	0111	Poultry, Edible offal of								
DF	0014	Prunes								
VD	0070	Pulses								
GC	0649	Rice								
VR	0075	Root and tuber vegetables								
										Retained at Step 7 noting the concern from the EU regarding the procedure used by JMPR to propose this group MRL. EU would submit a concern form on this issue for JMPR consideration (44:65). EU concern form on clothianidin at the 2012 JMPR meeting was not able to be addressed due to heavy workload and limited resource of the FAO Panel. The issue would be reconsidered at the 2013 JMPR. Retained at Step 7 awaiting the outcome of the 2013 JMPR (45:66-67).
GC	0651	Sorghum								
AS	0651	Sorghum straw and fodder, Dry	dry wt							
VS	0078	Stalk and Stem Vegetables		(except artichoke and celery)						
FS	0012	Stone fruits								
GS	0659	Sugar cane								
VO	0447	Sweet corn (corn-on-the-cob)								
DT	1114	Tea, Green, Black (black, fermented and dried)								
GC	0654	Wheat								
AS	0654	Wheat straw and fodder, Dry	dry wt							

**239 Cyproconazole**

Main Uses: Herbicide

JMPR: 2010(TR), 2013(R),

ADI: 0-0.02 mg/kg body weight (2010)

Acute RfD: 0.06 mg/kg body weight (2010)

Residue: For compliance with the MRL, animal and plant commodities: Cyproconazole

For estimation of dietary intake for plant commodities: Cyproconazole

For estimation of dietary intake for animal commodities: Cyproconazole, free and conjugated

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	0.02 (*)			CXL	10	43		2011	
GC 0080	Cereal grains	0.08		(except maize, rice and sorghum)	CXL	10	43		2011	
SB 0716	Coffee beans	0.07			3	2013	46			
SM 0716	Coffee beans, Roasted	0.1			3	2013	46			
MO 0105	Edible offal (mammalian)	0.5			CXL	10	43		2011	
PE 0112	Eggs	0.01 (*)			CXL	10	43		2011	
GC 0645	Maize	0.01 (*)			CXL	10	43		2011	
AS 0645	Maize fodder (dry)	2			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	10	43		2011	
ML 0106	Milks	0.01			CXL	10	43		2011	
VD 0072	Peas (dry)	0.02 (*)			CXL	10	43		2011	
VP 0064	Peas, Shelled (succulent seeds)	0.01			CXL	10	43		2011	
PM 0110	Poultry meat	0.01 (*)			CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	10	43		2011	
SO 0495	Rape seed	0.4			CXL	10	43		2011	
VD 0541	Soya bean (dry)	0.07			CXL	10	43		2011	
AL 0541	Soya bean fodder	3			CXL	10	43		2011	
OR 0541	Soya bean oil, Refined	0.1			CXL	10	43		2011	
AS 0081	Straw and fodder (dry) of cereal grains	5		(except maize, rice and sorghum)	CXL	10	43		2011	
VR 0596	Sugar beet	0.05			CXL	10	43		2011	

**240 Dicamba**

Main Uses: Herbicide

JMPR: 2010(TR), 2011(R), 2012(R), 2013(R)

ADI: 0-0.3 mg/kg body weight (2010)

Acute RfD: 0.5 mg/kg body weight (2010)

Residue: For plant commodities for compliance with the MRL: Dicamba

For plant commodities for estimation of dietary intake: Sum of dicamba and 5-OH dicamba expressed as dicamba

For animal commodities for compliance with the MRL and for estimation of dietary intake: Sum of dicamba and DCSA expressed as dicamba

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0621 Asparagus	5			CXL	10	43		2011	
GC	0640 Barley	7			CXL	10	43		2011	
AS	0640 Barley straw and fodder, Dry	50			CXL	10	43		2011	
SO	0691 Cotton seed	0.04		(*)	CXL	10	43		2011	
MO	0105 Edible offal (mammalian)	0.7			CXL	10	43		2011	
PE	0112 Eggs	0.01		(*)	CXL	10	43		2011	
AS	0162 Hay or fodder (dry) of grasses	30			CXL	10	43		2011	
GC	0645 Maize	0.01		(*)	CXL	10	43		2011	
AS	0645 Maize fodder (dry)	0.6			CXL	10	43		2011	
MF	0100 Mammalian fats (except milk fats)	0.07			CXL	10	43		2011	
MM	0095 Meat (from mammals other than marine mammals)	0.03			CXL	10	43		2011	
ML	0106 Milks	0.2			CXL	10	43		2011	
PF	0111 Poultry fats	0.04			CXL	10	43		2011	
PM	0110 Poultry meat	0.02			CXL	10	43		2011	
PO	0111 Poultry, Edible offal of	0.07			CXL	10	43		2011	
GC	0651 Sorghum	4			CXL	10	43		2011	
AS	0651 Sorghum straw and fodder, Dry	8			CXL	10	43		2011	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)	5		6	11	45	44		EU opposed to the advancement of the soya bean (dry) MRL to Step 5/8 as principles and guidance for use of the concept of proportionality had not yet been agreed by CCPR. CCPR advanced the soya bean (dry) MRL to Step 5. EU would seek clarification, by means of a concern form, from JMPR on the science issue raised by the EU in this regard (44:66-68). CCPR retained the MRL at Step 7, as use of proportionality was not appropriate for desiccants according to newly developed principles. The manufacturer had already submitted new data for JMPR further consideration in 2013 or 2014 (45:68).
VD	4521	Soybean (dry)	10		3	2013	46			
GS	0659	Sugar cane	1		CXL	10	43		2011	
VO	1275	Sweet corn (kernels)	0.02		CXL	10	43		2011	
GC	0654	Wheat	2		CXL	10	43		2011	
AS	0654	Wheat straw and fodder, Dry	50		CXL	10	43		2011	

**241 Etoxazole**

Main Uses: Insecticide

JMPR: 2010

ADI: 0-0.05 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant commodities: Etoxazole

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	3			CXL	10	43		2011	
FC	0001 Citrus fruits	0.1			CXL	10	43		2011	
VC	0424 Cucumber	0.02			CXL	10	43		2011	
MO	0105 Edible offal (mammalian)	0.01		(*)	CXL	10	43		2011	
FB	0269 Grapes	0.5			CXL	10	43		2011	
DH	1100 Hops, Dry	15			CXL	10	43		2011	
MM	0095 Meat (from mammals other than marine mammals)	0.01		(*) (fat)	CXL	10	43		2011	
ML	0106 Milks	0.01		(*)	CXL	10	43		2011	
HH	0738 Mints	15			CXL	10	43		2011	
FP	0009 Pome fruits	0.07			CXL	11	44		2012	
DT	1114 Tea, Green, Black (black, fermented and dried)	15			CXL	10	43		2011	
TN	0085 Tree nuts	0.01		(*)	CXL	10	43		2011	

**242 Flubendiamide**

Main Uses: Insecticide

JMPR: 2010

ADI: 0-0.02 mg/kg body weight

Acute RfD: 0.2 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for animal and plant commodities: Flubendiamide

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660	Almond hulls			CXL	10	43		2011	
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas			CXL	10	43		2011	
VS	0624	Celery			CXL	10	43		2011	
SO	0691	Cotton seed			CXL	10	43		2011	
MO	0105	Edible offal (mammalian)			CXL	10	43		2011	
VC	0045	Fruiting vegetables, Cucurbits			CXL	10	43		2011	
FB	0269	Grapes			CXL	10	43		2011	
VP	0060	Legume vegetables			CXL	10	43		2011	
VL	0482	Lettuce, Head			CXL	10	43		2011	
VL	0483	Lettuce, Leaf			CXL	10	43		2011	
GC	0645	Maize			CXL	10	43		2011	
MM	0095	Meat (from mammals other than marine mammals)	2	(fat)	CXL	10	43		2011	
FM	0183	Milk fats	5		CXL	10	43		2011	
ML	0106	Milks	0.1		CXL	10	43		2011	
AL	0072	Pea hay or pea fodder (dry)	40		CXL	10	43		2011	
VO	0051	Peppers	0.7		CXL	10	43		2011	
HS	0444	Peppers Chili, dried	7		CXL	10	43		2011	
FP	0009	Pome fruits	0.8		CXL	10	43		2011	
VD	0070	Pulses	1		CXL	10	43		2011	
AL	0541	Soya bean fodder	60		CXL	10	43		2011	
FS	0012	Stone fruits	2		CXL	10	43		2011	
VO	0447	Sweet corn (corn-on-the-cob)	0.02		CXL	10	43		2011	
DT	1114	Tea, Green, Black (black, fermented and dried)	50		CXL	10	43		2011	
VO	0448	Tomato	2		CXL	10	43		2011	
TN	0085	Tree nuts	0.1		CXL	10	43		2011	

**243 Fluopyram**

Main Uses: Fungicide

JMPR: 2010(TR), 2012(R)

ADI: 0-0.01 mg/kg body weight (2010)

Acute RfD: 0.5 mg/kg body weight (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Fluopyram

For compliance with the MRL for animal commodities: Sum of fluopyram and 2-(trifluoromethyl) benzamide, expressed as fluopyram

For estimation of dietary intake for animal commodities: Sum of fluopyram, 2-(trifluoromethyl)benzamide and the combined residues

N-((E)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide and

N-((Z)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide, all expressed as fluopyram

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.8			CXL	12	45		2013	
VD	0071 Beans (dry)	0.07			CXL	12	45		2013	
VR	0577 Carrot	0.4			CXL	12	45		2013	
FS	0013 Cherries	0.7			CXL	12	45		2013	
VD	0524 Chick-pea (dry)	0.07			CXL	12	45		2013	
VC	0424 Cucumber	0.5			CXL	10	43		2011	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5			CXL	10	43		2011	
PE	0112 Eggs	0.3			CXL	12	45		2013	
FB	0269 Grapes	2			CXL	10	43		2011	
MO	0098 Kidney of cattle, goats, pigs and sheep	0.5			CXL	12	45		2013	
VD	0533 Lentil (dry)	0.07			CXL	12	45		2013	
MO	0099 Liver of cattle, goats, pigs & sheep	3			CXL	12	45		2013	
VD	0545 Lupin (dry)	0.07			CXL	12	45		2013	
MM	0095 Meat (from mammals other than marine mammals)	0.5			CXL	12	45		2013	
ML	0106 Milks	0.3			CXL	12	45		2013	
FS	0247 Peach	0.4			CXL	12	45		2013	
SO	0697 Peanut	0.03			CXL	12	45		2013	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO	0051	Peppers			4	12	45			Retained the MRLs for peppers and peppers chili, dried at Step 4. The supporting residue data set did not meet the proportionality criteria. The industry would submit new data to JMPR for further consideration (45:69).
HS	0444	Peppers Chili, dried			4	12	45			Retained the MRLs for peppers and peppers chili, dried at Step 4. The supporting residue data set did not meet the proportionality criteria. The industry would submit new data to JMPR for further consideration (45:69).
FP	0009	Pome fruits			CXL	12	45		2013	
VR	0589	Potato			CXL	12	45		2013	
PM	0110	Poultry meat			CXL	12	45		2013	
PO	0111	Poultry, Edible offal of			CXL	12	45		2013	
FB	0275	Strawberry			CXL	12	45		2013	
VR	0596	Sugar beet			CXL	12	45		2013	
VO	0448	Tomato			CXL	12	45		2013	
TN	0085	Tree nuts			CXL	12	45		2013	

**244 Meptyldinocap**

Main Uses: Fungicide

JMPR: 2010

ADI: 0-0.02 mg/kg body weight

Acute RfD: Unnecessary

Residue: For compliance with the MRL: Dinocap, sum of all isomers

For estimation of dietary intake for plant commodities: Sum of meptyldinocap, and the corresponding phenol 2, 4-DNOP, expressed as parent meptyldinocap

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0424 Cucumber	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
FB	0269 Grapes	0.2	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
VC	0046 Melons, except watermelon	0.5	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
VC	0431 Squash, summer	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
FB	0275 Strawberry	0.3	M,d		CXL	10	43		2011	The current dinocap Codex MRL of 0.5 mg/kg covers the use of meptyldinocap.

**245 Thiamethoxam**

Main Uses: Insecticide

JMPR: 2010

ADI: 0-0.08 mg/kg body weight 2011

Acute RfD: 1 mg/kg body weight (2011)

Residue: For compliance with the MRL for plant and animal commodities: Thiamethoxam

For estimation of the dietary intake) for plant and animal commodities (except poultry): Thiamethoxam and clothianidin (considered separately)

For estimation of the dietary intake for poultry: sum of thiamethoxam, CGA 265307 and MU3, expressed as thiamethoxam;  
and clothianidin (clothianidin to be considered separately from thiamethoxam)

See also clothianidin

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, Globe	0.5			CXL	10	43		2011	
FI 0327	Banana	0.02		(*)	CXL	10	43		2011	
GC 0640	Barley	0.4			CXL	10	43		2011	
AS 0640	Barley straw and fodder, Dry	2			CXL	10	43		2011	
FB 0018	Berries and other small fruits	0.5			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	10	43		2011	
SB 0715	Cacao beans	0.02		(*)	CXL	10	43		2011	
VS 0624	Celery	1			CXL	10	43		2011	
FC 0001	Citrus fruits	0.5		(excluding kumquats)	CXL	10	45	43	2013	
SB 0716	Coffee beans	0.2			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	10	43		2011	
PE 0112	Eggs	0.01		(*)	CXL	10	43		2011	
VO 0050	Fruiting vegetables other than cucurbits	0.7			CXL	10	43		2011	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	10	43		2011	
VL 0053	Leafy vegetables	3			CXL	10	43		2011	
VP 0060	Legume vegetables	0.01		(*)	CXL	10	43		2011	
GC 0645	Maize	0.05			CXL	10	43		2011	
AS 0645	Maize fodder (dry)	0.05			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	10	43		2011	
ML 0106	Milks	0.05			CXL	10	43		2011	
SO 0088	Oilseed	0.02		(*)	CXL	10	43		2011	
FI 0350	Papaya	0.01		(*)	CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	0.3			CXL	10	43		2011	
TN 0672	Pecan	0.01		(*)	CXL	10	43		2011	
HS 0444	Peppers Chili, dried	7			CXL	10	43		2011	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0353	Pineapple	0.01	(*)	CXL	10	43		2011	
FP	0009	Pome fruits	0.3		CXL	10	43		2011	
GC	0656	Popcorn	0.01	(*)	CXL	10	43		2011	
PM	0110	Poultry meat	0.01	(*)	CXL	10	43		2011	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	10	43		2011	
VD	0070	Pulses	0.04		CXL	10	43		2011	
VR	0075	Root and tuber vegetables	0.3		CXL	10	43		2011	
FS	0012	Stone fruits	1		CXL	10	43		2011	
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	10	43		2011	
DT	1114	Tea, Green, Black (black, fermented and dried)	20		CXL	10	43		2011	
GC	0654	Wheat	0.05		CXL	10	43		2011	
AS	0654	Wheat straw and fodder, Dry	2		CXL	10	43		2011	



**246 Acetamiprid**

Main Uses: Acaricide

JMPR:

ADI: 0–0.07 mg/kg body weight 2011

Acute RfD: 0.1 mg/kg body weight (2011)

Residue: For compliance with the MRL for plant commodities and for estimation of dietary intake for plant and animal commodities: Acetamiprid

For compliance with the MRL for animal commodities and for estimation of dietary intake for plant and animal commodities: Sum of acetamiprid and its desmethyl (IM-2-1) metabolite, expressed as acetamiprid

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.4			CXL	11	44		2012	
VP 0062	Beans, Shelled	0.3			CXL	11	44		2012	
FB 0018	Berries and other small fruits	2		(except grapes and Strawberries)	CXL	11	44		2012	
VB 0041	Cabbages, Head	0.7			CXL	11	44		2012	
VS 0624	Celery	1.5			CXL	11	44		2012	
FS 0013	Cherries	1.5			CXL	11	44		2012	
FC 0001	Citrus fruits	1			CXL	11	44		2012	
SO 0691	Cotton seed	0.7			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.05			CXL	11	44		2012	
PE 0112	Eggs	0.01	(*)		CXL	11	44		2012	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.4			CXL	11	44		2012	
VO 0050	Fruiting vegetables other than cucurbits	0.2		(except sweet corn & mushrooms)	CXL	11	44		2012	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL	11	44		2012	
VA 0381	Garlic	0.02			CXL	11	44		2012	
FB 0269	Grapes	0.5			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	11	44		2012	
ML 0106	Milks	0.02			CXL	11	44		2012	
FS 0245	Nectarine	0.7			CXL	11	44		2012	
VA 0385	Onion, Bulb	0.02			CXL	11	44		2012	
FS 0247	Peach	0.7			CXL	11	44		2012	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	11	44		2012	
HS 0444	Peppers Chili, dried	2			CXL	11	44		2012	
FS 0014	Plums (including prunes)	0.2		(except prunes)	CXL	11	44		2012	
FP 0009	Pome fruits	0.8			CXL	11	44		2012	
PM 0110	Poultry meat	0.01	(*)		CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.05	(*)		CXL	11	44		2012	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DF	0014 Prunes	0.6			CXL	11	44		2012	
VA	0389 Spring Onion	5			CXL	11	44		2012	
FB	0275 Strawberry	0.5			CXL	11	44		2012	
TN	0085 Tree nuts	0.06			CXL	11	44		2012	

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**247 Emamectin benzoate**

Main Uses: Insecticide

JMPR:

ADI: 0–0.0005 mg/kg body weight 2011

Acute RfD: 0.03 mg/kg body weight (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Emamectin B1a benzoate, expressed as emamectin (free base)

For compliance with the MRL and for estimation of dietary intake for animal commodities: Emamectin B1a benzoate, expressed as emamectin (free base)

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.015			CXL	11	44		2012	
VL 0510	Cos lettuce	1			CXL	11	44		2012	
SO 0691	Cotton seed	0.002		(*)	CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.08			CXL	11	44		2012	
VO 0050	Fruiting vegetables other than cucurbits	0.02		(except sweet corn and mushrooms)	CXL	11	44		2012	
VC 0045	Fruiting vegetables, Cucurbits	0.007			CXL	11	44		2012	
FB 0269	Grapes	0.03			CXL	11	44		2012	
VL 0482	Lettuce, Head	1			CXL	11	44		2012	
VL 0483	Lettuce, Leaf	1			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.004			CXL	11	44		2012	
ML 0106	Milks	0.002			CXL	11	44		2012	
VL 0485	Mustard greens	0.2			CXL	11	44		2012	
FS 0245	Nectarine	0.03			CXL	11	44		2012	
FS 0247	Peach	0.03			CXL	11	44		2012	
HS 0444	Peppers Chili, dried	0.2			CXL	11	44		2012	
FP 0009	Pome fruits	0.02			CXL	11	44		2012	

**248 Flutriafol**

Main Uses: Fungicide

JMPR: 2011(TR)

ADI: 0–0.01 mg/kg body weight (2011)

Acute RfD: 0.05 mg/kg body weight (2011)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities: Flutriafol

The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.3			CXL	11	44		2012	
SB	0716 Coffee beans	0.15			CXL	11	44		2012	
DF	0269 Dried grapes (=currants, raisins and sultanas)	2			CXL	11	45	44	2013	
FB	0269 Grapes	0.8			CXL	11	45	44	2013	
SO	0697 Peanut	0.15			CXL	11	44		2012	
AL	0697 Peanut fodder	20			CXL	11	44		2012	
HS	0444 Peppers Chili, dried	10			CXL	11	44		2012	
VO	0445 Peppers, Sweet (including pimento or pimienta)	1			CXL	11	44		2012	
FP	0009 Pome fruits	0.3			CXL	11	44		2012	
VD	0541 Soya bean (dry)	0.4			CXL	11	44		2012	
GC	0654 Wheat	0.15			CXL	11	44		2012	
CM	0654 Wheat bran, Unprocessed	0.3			CXL	11	44		2012	
AS	0654 Wheat straw and fodder, Dry	8			CXL	11	44		2012	

**249 Isopyrazam**

Main Uses: Fungicide

JMPR:

ADI: 0–0.06 mg/kg body weight 2011

Acute RfD: 0.3 mg/kg body weight (2011)

Residue: For compliance with MRL for plant commodities: Isopyrazam (sum of syn-isomer and anti-isomer)

For estimation of dietary intake for plant commodities: Sum of isopyrazam and 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid [9-(1-hydroxyl-1-methylethyl)-(1RS, 4RS, 9RS)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]amide expressed as isopyrazam

For compliance with the MRL the estimation of dietary intake for animal commodities: Isopyrazam (sum of syn-isomer and anti-isomer)

The residue is fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.06			CXL	11	44		2012	
GC 0640	Barley	0.07			CXL	11	44		2012	
AS 0640	Barley straw and fodder, Dry	3			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.02			CXL	11	44		2012	
PE 0112	Eggs	0.01		(*)	CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	11	44		2012	
FM 0183	Milk fats	0.02			CXL	11	44		2012	
ML 0106	Milks	0.01		(*)	CXL	11	44		2012	
PF 0111	Poultry fats	0.01		(*)	CXL	11	44		2012	
PM 0110	Poultry meat	0.01		(*)	CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	11	44		2012	
GC 0650	Rye	0.03			CXL	11	44		2012	
AS 0650	Rye straw and fodder, Dry	3			CXL	11	44		2012	
GC 0653	Triticale	0.03			CXL	11	44		2012	
AS 0653	Triticale straw and fodder, Dry	3			CXL	11	44		2012	
GC 0654	Wheat	0.03			CXL	11	44		2012	
CM 0654	Wheat bran, Unprocessed	0.15			CXL	11	44		2012	
AS 0654	Wheat straw and fodder, Dry	3			CXL	11	44		2012	

**250 Propylene oxide**

Main Uses: Insecticide

JMPR:

ADI: 0-0.04 mg/kg body weight 2011

Acute RfD: 0.04 mg/kg body weight (2011)

Residue: For compliance with MRL for plant commodities: Propylene oxide

For estimation of dietary intake for plant commodities: Propylene oxide, propylene chlorohydrin and propylene bromohydrin

Propylene chlorohydrin and propylene bromohydrin to be considered separately from propylene oxide

The residue is not fat-soluble

Note: propylene chlorohydrin

ADI: None established : The Meeting could not establish an ADI or ARfD for propylene chlorohydrin and propylene bromohydrin due to insufficient data.

ARfD:None established

propylene bromohydrin

ADI: None established

ARfD: None established

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**251 Saflufenacil**

Main Uses: Herbicide

JMPR: 2011(TR), 2012(R)

ADI: 0-0.05 mg/kg body weight (2011)

Acute RfD: Unnecessary (2011)

Residue: For compliance with MRL and for estimation of dietary intake) for plant and animal commodities: Saflufenacil

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.01			CXL	11	44		2012	
AS	0640 Barley straw and fodder, Dry	0.05			CXL	11	44		2012	
GC	0080 Cereal grains	0.01			CXL	11	44		2012	
FC	0001 Citrus fruits	0.01			CXL	11	44		2012	
SB	0716 Coffee beans	0.01			CXL	11	44		2012	
SO	0691 Cotton seed	0.2			CXL	11	44		2012	
MO	0105 Edible offal (mammalian)	0.3			CXL	11	44		2012	
FB	0269 Grapes	0.01			CXL	11	44		2012	
AS	0645 Maize fodder (dry)	0.05			CXL	11	44		2012	
MF	0100 Mammalian fats (except milk fats)	0.01			CXL	11	44		2012	
MM	0095 Meat (from mammals other than marine mammals)	0.01			CXL	11	44		2012	
ML	0106 Milks	0.01			CXL	11	44		2012	
VP	0063 Peas (pods and succulent=immature seeds)	0.01			CXL	11	44		2012	
VP	0064 Peas, Shelled (succulent seeds)	0.01			CXL	11	44		2012	
FP	0009 Pome fruits	0.01			CXL	11	44		2012	
VD	0070 Pulses	0.3			CXL	12	45		2013	
SO	0495 Rape seed	0.6			CXL	11	44		2012	
AS	0651 Sorghum straw and fodder, Dry	0.05			CXL	11	44		2012	
VP	0541 Soya bean (immature seeds)	0.01			CXL	11	44		2012	
FS	0012 Stone fruits	0.01			CXL	11	44		2012	
SO	0702 Sunflower seed	0.7			CXL	11	44		2012	
GC	0447 Sweet Corn	0.01			CXL	11	44		2012	
TN	0085 Tree nuts	0.01			CXL	11	44		2012	
AS	0654 Wheat straw and fodder, Dry	0.05			CXL	11	44		2012	

**252 Sulfoxaflor**

Main Uses: Insecticide

JMPR: 2011(TR), 2013(R)

ADI: 0-0.05 mg/kg body weight (2011)

Acute RfD: 0.3 mg/kg body weight (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sulfoxaflor

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.6			CXL	11	45	44	2013	
AS	0640 Barley straw and fodder, Dry	3			CXL	11	45	44	2013	
VD	0071 Beans (dry)	0.3			3	2013	46			
VB	0400 Broccoli	3			CXL	11	45	44	2013	
VB	0041 Cabbages, Head	0.4			CXL	11	45	44	2013	
VR	0577 Carrot	0.05			3	2013	46			
VB	0404 Cauliflower	0.04			CXL	11	45	44	2013	
VS	0624 Celery	1.5			CXL	11	45	44	2013	
FC	0001 Citrus fruits	0.9			4	11	45	44		Maintained the MRLs for citrus fruits; pome fruits; stone fruits and tree nuts at Step 4. GAP reviewed by JMPR differed from the registered USA GAP (45:75).
SO	0691 Cotton seed	0.4			CXL	11	45	44	2013	
DF	0269 Dried grapes (=currants, raisins and sultanas)	6			CXL	11	45	44	2013	
MO	0105 Edible offal (mammalian)	0.6			CXL	11	45	44	2013	
PE	0112 Eggs	0.1			CXL	11	45	44	2013	
VO	0050 Fruiting vegetables other than cucurbits	1.5		(except sweet corn and mushrooms)	CXL	11	45	44	2013	
VC	0045 Fruiting vegetables, Cucurbits	0.5			CXL	11	45	44	2013	
VA	0381 Garlic	0.01 (*)			CXL	11	45	44	2013	
FB	0269 Grapes	2			CXL	11	45	44	2013	
VL	0053 Leafy vegetables	6			CXL	11	45	44	2013	
MM	0095 Meat (from mammals other than marine mammals)	0.3			CXL	11	45	44	2013	
ML	0106 Milks	0.2			CXL	11	45	44	2013	
VA	0385 Onion, Bulb	0.01 (*)			CXL	11	45	44	2013	
HS	0444 Peppers Chili, dried	15			CXL	11	45	44	2013	
FP	0009 Pome fruits	0.4			4	11	45	44		Maintained the MRLs for citrus fruits; pome fruits; stone fruits and tree nuts at Step 4. GAP reviewed by JMPR differed from the registered USA GAP (45:75).
PM	0110 Poultry meat	0.1			CXL	11	45	44	2013	
PO	0111 Poultry, Edible offal of	0.3			CXL	11	45	44	2013	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0495 Rape seed	0.15			CXL	11	45	44	2013	
VR	0075 Root and tuber vegetables	0.03		(except carrots)	CXL	11	45	44	2013	
VD	0541 Soya bean (dry)	0.3			CXL	11	45	44	2013	
AL	0541 Soya bean fodder	3			CXL	11	45	44	2013	
VA	0389 Spring Onion	0.7			CXL	11	45	44	2013	
FS	0012 Stone fruits	3		(except cherries)	4	11	45	44		Maintained the MRLs for citrus fruits; pome fruits; stone fruits and tree nuts at Step 4. GAP reviewed by JMPR differed from the registered USA GAP (45:75).
FB	0275 Strawberry	0.5			CXL	11	45	44	2013	
TN	0085 Tree nuts	0.015			4	11	45	44		Maintained the MRLs for citrus fruits; pome fruits; stone fruits and tree nuts at Step 4. GAP reviewed by JMPR differed from the registered USA GAP (45:75).
GC	0653 Triticale	0.2			CXL	11	45	44	2013	
GC	0654 Wheat	0.2			CXL	11	45	44	2013	
AS	0654 Wheat straw and fodder, Dry	3			CXL	11	45	44	2013	

**253 Penthiopyrad**

Main Uses: Fungicide

JMPR: 2011(T), 2012(R), 2013(R)

ADI: 0-0.1 mg/kg body weight (2011)

Acute RfD: 1 mg/kg body weight (2011)

Residue: For compliance with MRL for plant commodities: Penthiopyrad

For compliance with MRL for animal commodities and for the estimation of dietary intake for plant and animal commodities: Sum of penthiopyrad and 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide (PAM), expressed as penthiopyrad

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	20	(DM)		4	12	45			*
AM 0660	Almond hulls	6	(DM)		4	12	45			*
GC 0640	Barley	0.15			4	12	45			*
GC 0640	Barley	0.2			3	2013	46			
AS 0640	Barley straw and fodder, Dry	80	(DM)		4	12	45			*
VP 0061	Beans, except broad bean and soya bean	3		(green pods and immature seeds)	CXL	12	45		2013	
VP 0062	Beans, Shelled	0.3			CXL	12	45		2013	
VB 0041	Cabbages, Head	4			4	12	45			*
VR 0577	Carrot	0.6			CXL	12	45		2013	
VS 0624	Celery	15			CXL	12	45		2013	
AB 1204	Cotton gin trash	20	(DM)		4	12	45			*
SO 0691	Cotton seed	0.5			4	12	45			*
MO 0105	Edible offal (mammalian)	0.08			3	2013	46			
PE 0112	Eggs	0.03			4	12	45			*
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	5			CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	2		(except sweet corn and mushroom)	CXL	12	45		2013	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	12	45		2013	
VL 0053	Leafy vegetables	30		(except brassica leafy vegetables)	CXL	12	45		2013	
GC 0645	Maize	0.01			4	12	45			*
CF 1255	Maize flour	0.05			4	12	45			*
OC 0645	Maize oil, Crude	0.15			4	12	45			*
MF 0100	Mammalian fats (except milk fats)	0.05			3	2013	46			
MM 0095	Meat (from mammals other than marine mammals)	0.04			3	2013	46			
ML 0106	Milks	0.04			3	2013	46			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
GC	0646	Millet (Including Barnyard Millet, Belrush Millet, Common Millet, Finger Millet, Foxtail Millet, Little Millet)	0.8				4	12	45		*
AS	0646	Millet fodder, dry	10	(DM)			4	12	45		*
VL	0485	Mustard greens	50				4	12	45		*
AS	0647	Oat straw and fodder, Dry	80	(DM)			4	12	45		*
GC	0647	Oats	0.15				4	12	45		*
GC	0647	Oats	0.2				3	2013	46		
VA	0385	Onion, Bulb	0.7				CXL	12	45	2013	
VA	0387	Onion, Welsh	4				CXL	12	45	2013	
AL	0072	Pea hay or pea fodder (dry)	60	(DM)			4	12	45		*
SO	0697	Peanut	0.05				4	12	45		*
AL	0697	Peanut fodder	30	(DM)			4	12	45		*
OR	0697	Peanut oil, Edible	0.5				4	12	45		*
VP	0063	Peas (pods and succulent=immature seeds)	3				CXL	12	45	2013	
VP	0064	Peas, Shelled (succulent seeds)	0.3				CXL	12	45	2013	
HS	0444	Peppers Chili, dried	14				CXL	12	45	2013	
FP	0009	Pome fruits	0.4				4	12	45		*
VR	0589	Potato	0.05				CXL	12	45	2013	
PF	0111	Poultry fats	0.03				4	12	45		*
PM	0110	Poultry meat	0.03				4	12	45		*
PO	0111	Poultry, Edible offal of	0.03				4	12	45		*
VD	0070	Pulses	0.3		(except soya beans)		CXL	12	45	2013	
VR	0494	Radish	3				CXL	12	45	2013	
SO	0495	Rape seed	0.5				4	12	45		*
OC	0495	Rape seed oil, Crude	1				4	12	45		*
OR	0495	Rapeseed oil, Edible	1				4	12	45		*
GC	0650	Rye	0.04				4	12	45		*
GC	0650	Rye	0.1				3	2013	46		
AS	0650	Rye straw and fodder, Dry	80	(DM)			4	12	45		*
GC	0651	Sorghum	0.8				4	12	45		*
AS	0651	Sorghum straw and fodder, Dry	10	(DM)			4	12	45		*
VD	0541	Soya bean (dry)	0.3				4	12	45		*
AL	0541	Soya bean fodder	200	(DM)			4	12	45		*
VA	0389	Spring Onion	4				CXL	12	45	2013	
FS	0012	Stone fruits	4				CXL	12	45	2013	
FB	0275	Strawberry	3				CXL	12	45	2013	
VR	0596	Sugar beet	0.5				4	12	45		*
SO	0702	Sunflower seed	1.5				4	12	45		*
VO	0447	Sweet corn (corn-on-the-cob)	0.02				CXL	12	45	2013	
TN	0085	Tree nuts	0.05				CXL	12	45	2013	
GC	0653	Triticale	0.04				4	12	45		*

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0653	Triticale			3	2013	46			
AS	0653	Triticale straw and fodder, Dry			4	12	45			*
VL	0506	Turnip greens			CXL	12	45		2013	
GC	0654	Wheat			4	12	45			*
GC	0654	Wheat			3	2013	46			
CF	0654	Wheat bran, Processed			4	12	45			*
CM	0654	Wheat bran, Unprocessed			3	2013	46			
CF	1210	Wheat germ			4	12	45			*
CF	1210	Wheat germ			3	2013	46			
AS	0654	Wheat straw and fodder, Dry		(DM)	4	12	45			*

\* **Note CCPR:** CCPR retained the MRLs for alfalfa fodder; almond hulls; barley; barley straw and fodder, dry; cabbages, head; cotton gin trash; cotton seed; eggs; maize; maize flour; maize fodder (dry); maize oil, crude; millet; millet fodder, dry; mustard greens; oat straw and fodder, dry; oats; pea hay or pea fodder (dry); peanut; peanut fodder; peanut oil, edible; pome fruits; poultry fats; poultry meat; poultry, edible offal of; rape seed; rape seed oil, crude; rape seed oil, edible; rye; rye straw and fodder, dry; sorghum; sorghum straw and fodder, dry; soya bean (dry); soya bean fodder; sugar beet; sunflower seed; triticale; triticale straw and fodder, dry; wheat; wheat bran, processed; wheat germ; wheat straw and fodder, dry at Step 4 awaiting the JMPR assessment of an animal dietary burden that excludes the Australian dietary burden estimates (as penithiopyrad was not registered for use on soy beans in Australia) and consideration of an alternative GAP for mustard greens (45:79).

**254 Chlorfenapyr**

Main Uses: Insecticide

JMPR: 2012(TR)

ADI: 0-0.03 mg/kg body weight (2012)

Acute RfD: 0.03 mg/kg body weight (2012)

Residue: For compliance with the MRL for plant and animal commodities: Chlorfenapyr

For estimation of dietary intake for plant and animal commodities: A conclusion could not be reached

The residue is fat soluble

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**255 Dinotefuran**

Main Uses: Insecticide

JMPR: 2012(TR)

ADI: 0-0.2 mg/kg body weight (2012)

Acute RfD: 1 mg/kg body weight (2012)

Residue: For compliance with the MRL for plant commodities: Dinotefuran

For estimation of dietary intake for plant commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) and 1-methyl-3-(tetrahydro-3furylmethyl)guanidium dihydrogen (DN) expressed as dinotefuran

For compliance with the MRL and estimation of dietary intake for animal commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) expressed as dinotefuran

The residue is not fat soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	12	45		2013	
VS 0624	Celery	0.6			CXL	12	45		2013	
SO 0691	Cotton seed	0.2			CXL	12	45		2013	
FB 0265	Cranberry	0.15			CXL	12	45		2013	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	0.1			CXL	12	45		2013	
PE 0112	Eggs	0.02	(*)		CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	0.5		(except sweet corn and mushrooms)	CXL	12	45		2013	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	12	45		2013	
FB 0269	Grapes	0.9			CXL	12	45		2013	
VL 0053	Leafy vegetables	6		(except watercress)	CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	12	45		2013	
ML 0106	Milks	0.1			CXL	12	45		2013	
FS 0245	Nectarine	0.8			CXL	12	45		2013	
VA 0385	Onion, Bulb	0.1			CXL	12	45		2013	
FS 0247	Peach	0.8			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	5			CXL	12	45		2013	
PM 0110	Poultry meat	0.02	(*)		CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02	(*)		CXL	12	45		2013	
GC 0649	Rice	8			CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	6			CXL	12	45		2013	
CM 1205	Rice, Polished	0.3			CXL	12	45		2013	
VA 0389	Spring Onion	4			CXL	12	45		2013	
VL 0473	Watercress	7			CXL	12	45		2013	

**256 Fluxapyroxad**

Main Uses: Fungicide

JMPR: 2012(TR)

ADI: 0-0.02 mg/kg body weight (2012)

Acute RfD: 0.3 mg/kg body weight (2012)

Residue: For compliance with the MRL for plant and animal commodities: Fluxapyroxad

For estimation of dietary intake for plant commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) and 3-(difluoromethyl)- 1-(β-D-glucopyranosyl)-N-(3',4',5'-trifluorobipheny-2-yl)-1H-pyrazole-4-carboxamide (M700F048) and expressed as parent equivalents

For estimation of dietary intake for animal commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) expressed as parent equivalents

The residue is fat soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	2			CXL	12	45		2013	
CF 0640	Barley bran, processed	4			CXL	12	45		2013	
AS 0640	Barley straw and fodder, Dry	30			CXL	12	45		2013	
VD 0071	Beans (dry)	0.3			CXL	12	45		2013	
VP 0061	Beans, except broad bean and soya bean	2			CXL	12	45		2013	
VP 0062	Beans, Shelled	0.09			CXL	12	45		2013	
VD 0524	Chick-pea (dry)	0.4			CXL	12	45		2013	
SO 0691	Cotton seed	0.01	(*)		CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	0.1			CXL	12	45		2013	
PE 0112	Eggs	0.02			CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	0.6		(except sweet corn and mushrooms)	CXL	12	45		2013	
VD 0533	Lentil (dry)	0.4			CXL	12	45		2013	
GC 0645	Maize	0.01	(*)		CXL	12	45		2013	
AS 0645	Maize fodder (dry)	15			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	12	45		2013	
FM 0183	Milk fats	0.5			CXL	12	45		2013	
ML 0106	Milks	0.02			CXL	12	45		2013	
AS 0647	Oat straw and fodder, Dry	30			CXL	12	45		2013	
GC 0647	Oats	2			CXL	12	45		2013	
SO 0088	Oilseed	0.8		(except peanut and cotton)	CXL	12	45		2013	
AL 0072	Pea hay or pea fodder (dry)	40	dry wt		CXL	12	45		2013	
SO 0697	Peanut	0.01			CXL	12	45		2013	
VD 0072	Peas (dry)	0.4			CXL	12	45		2013	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP	0063 Peas (pods and succulent=immature seeds)	2			CXL	12	45		2013	
VP	0064 Peas, Shelled (succulent seeds)	0.09			CXL	12	45		2013	
HS	0444 Peppers Chili, dried	6			CXL	12	45		2013	
FP	0009 Pome fruits	0.9			CXL	12	45		2013	
VR	0589 Potato	0.03			CXL	12	45		2013	
PF	0111 Poultry fats	0.05			CXL	12	45		2013	
PM	0110 Poultry meat	0.02			CXL	12	45		2013	
PO	0111 Poultry, Edible offal of	0.02			CXL	12	45		2013	
DF	0014 Prunes	5			CXL	12	45		2013	
GC	0650 Rye	0.3			CXL	12	45		2013	
AS	0650 Rye straw and fodder, Dry	30			CXL	12	45		2013	
VD	0541 Soya bean (dry)	0.15			CXL	12	45		2013	
VP	0541 Soya bean (immature seeds)	0.5			CXL	12	45		2013	
VP	0546 Soya bean (young pod)	1.5			CXL	12	45		2013	
AL	0541 Soya bean fodder	30	dry wt		CXL	12	45		2013	
AB	0541 Soya bean hulls	0.3			CXL	12	45		2013	
FS	0012 Stone fruits	2			CXL	12	45		2013	
VR	0596 Sugar beet	0.15			CXL	12	45		2013	
VO	0447 Sweet corn (corn-on-the-cob)	0.15			CXL	12	45		2013	
GC	0653 Triticale	0.3			CXL	12	45		2013	
AS	0653 Triticale straw and fodder, Dry	30			CXL	12	45		2013	
GC	0654 Wheat	0.3			CXL	12	45		2013	
CM	0654 Wheat bran, Unprocessed	1			CXL	12	45		2013	
AS	0654 Wheat straw and fodder, Dry	30			CXL	12	45		2013	



**257 MCPA**

Main Uses: Herbicide

JMPR: 2012(TR)

ADI: 0-0.1 mg/kg body weight (2012)

Acute RfD: 0.6 mg/kg body weight (2012)

Residue: For compliance with the MRL for plant and animal commodities: MCPA

For estimation of dietary intake for plant commodities: Sum of MCPA, its conjugates, esters and salts, all expressed as MCPA

For the estimation of dietary intake for animal commodities: Sum of MCPA and its conjugates, expressed as MCPA

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.2			CXL	12	45		2013	
AS	0640 Barley straw and fodder, Dry	50			CXL	12	45		2013	
MO	0105 Edible offal (mammalian)	3			CXL	12	45		2013	
PE	0112 Eggs	0.05		(*)	CXL	12	45		2013	
SO	4711 Flax-seed	0.01		(*)	CXL	12	45		2013	
AS	0162 Hay or fodder (dry) of grasses	500			CXL	12	45		2013	
GC	0645 Maize	0.01		(*)	CXL	12	45		2013	
AS	0645 Maize fodder (dry)	0.3			CXL	12	45		2013	
MF	0100 Mammalian fats (except milk fats)	0.2			CXL	12	45		2013	
GC	0647 Oats	0.2			CXL	12	45		2013	
VD	0072 Peas (dry)	0.01		(*)	CXL	12	45		2013	
PF	0111 Poultry fats	0.05		(*)	CXL	12	45		2013	
PM	0110 Poultry meat	0.05		(*)	CXL	12	45		2013	
PO	0111 Poultry, Edible offal of	0.05		(*)	CXL	12	45		2013	
GC	0650 Rye	0.2			CXL	12	45		2013	
AS	0650 Rye straw and fodder, Dry	50			CXL	12	45		2013	
GC	0653 Triticale	0.2			CXL	12	45		2013	
AS	0653 Triticale straw and fodder, Dry	50			CXL	12	45		2013	
GC	0654 Wheat	0.2			CXL	12	45		2013	
AS	0654 Wheat straw and fodder, Dry	50			CXL	12	45		2013	

**258 Picoxystrobin**

Main Uses: Fungicide

JMPR: 2012(TR)

ADI: 0-0.09 mg/kg body weight (2012)

Acute RfD: 0.09 mg/kg body weight (2012)

Residue: For compliance with the maximum residue levels for animal and plant commodities: Picoxystrobin

For estimation of dietary intake for plant and animal commodities: A conclusion could not be reached

The residue is fat soluble

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**259 Sedaxane**

Main Uses: Fungicide

JMPR: 2012(TR)

ADI: 0-0.1 mg/kg body weight (2012)

Acute RfD: 0.3 mg/kg body weight (2012)

Residue: For compliance with the MRL for plants and animals: Sedaxane

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.01 (*)			CXL	12	45		2013	
AS	0640 Barley straw and fodder, Dry	0.1			CXL	12	45		2013	
MO	0105 Edible offal (mammalian)	0.01 (*)			CXL	12	45		2013	
PE	0112 Eggs	0.01 (*)			CXL	12	45		2013	
MF	0100 Mammalian fats (except milk fats)	0.01 (*)			CXL	12	45		2013	
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	12	45		2013	
FM	0183 Milk fats	0.01 (*)			CXL	12	45		2013	
ML	0106 Milks	0.01 (*)			CXL	12	45		2013	
AS	0647 Oat straw and fodder, Dry	0.1			CXL	12	45		2013	
GC	0647 Oats	0.01 (*)			CXL	12	45		2013	
PF	0111 Poultry fats	0.01 (*)			CXL	12	45		2013	
PM	0110 Poultry meat	0.01 (*)			CXL	12	45		2013	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	12	45		2013	
SO	0495 Rape seed	0.01 (*)			CXL	12	45		2013	
GC	0650 Rye	0.01 (*)			CXL	12	45		2013	
AS	0650 Rye straw and fodder, Dry	0.1			CXL	12	45		2013	
VD	0541 Soya bean (dry)	0.01 (*)			CXL	12	45		2013	
GC	0653 Triticale	0.01 (*)			CXL	12	45		2013	
AS	0653 Triticale straw and fodder, Dry	0.1			CXL	12	45		2013	
GC	0654 Wheat	0.01			CXL	12	45		2013	
AS	0654 Wheat straw and fodder, Dry	0.1			CXL	12	45		2013	

**260 Ametoctradin**

Main Uses: Fungicide

JMPR: 2012(TR)

ADI: Unnecessary mg/kg body weight (2012)

Acute RfD: Unnecessary (2012)

Residue: For compliance with the MRL for plant commodities: Ametoctradin

For compliance with the MRL for animal commodities: Sum of ametoctradin, M650F01 and M650F06, expressed as ametoctradin

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	9		CXL	12	45		2013	
VS	0624	Celery	20		CXL	12	45		2013	
VC	0424	Cucumber	0.4		CXL	12	45		2013	
DF	0269	Dried grapes (=currants, raisins and sultanas)	20		CXL	12	45		2013	
PE	0112	Eggs	0.03	(*)	CXL	12	45		2013	
VO	0050	Fruiting vegetables other than cucurbits	1.5	(except sweet corn and mushroom)	CXL	12	45		2013	
VC	0045	Fruiting vegetables, Cucurbits	3	(except cucumber)	CXL	12	45		2013	
VA	0381	Garlic	1.5		CXL	12	45		2013	
FB	0269	Grapes	6		CXL	12	45		2013	
DH	1100	Hops, Dry	30		CXL	12	45		2013	
VL	0053	Leafy vegetables	50		CXL	12	45		2013	
VA	0385	Onion, Bulb	1.5		CXL	12	45		2013	
HS	0444	Peppers Chili, dried	15		CXL	12	45		2013	
VR	0589	Potato	0.05		CXL	12	45		2013	
PF	0111	Poultry fats	0.03	(*)	CXL	12	45		2013	
PM	0110	Poultry meat	0.03	(*)	CXL	12	45		2013	
PO	0111	Poultry, Edible offal of	0.03	(*)	CXL	12	45		2013	
VA	0388	Shallot	1.5		CXL	12	45		2013	
VA	0389	Spring Onion	20		CXL	12	45		2013	

**261 Benzovindiflupyr**

Main Uses: Fungicide

JMPR: 2013(TR)

ADI: 0–0.05 mg/kg body weight (2013)

Acute RfD: 0.1 mg/kg body weight (2013)

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**262 Bixafen**

Main Uses: Fungicide

JMPR: 2013(TR)

ADI: 0–0.02 mg/kg body weight (2013)

Acute RfD: 0.2 mg/kg body weight (2013)

Residue: For compliance with MRL for plant commodities: Bixafen

For compliance with MRL for animal commodities and for the estimation of dietary intake for plant and animal commodities: Sum of bixafen and N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1H-pyrazole-4-carboxamide (bixafen-desmethyl), expressed as bixafen

The residue is fat-soluble

Note: The currently available information on residues in rotational crops was not sufficient to make recommendations on maximum residue levels in plant and animal commodities

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**263 Cyantraniliprole**

Main Uses: Acaricide

JMPR: 2013(TR)

ADI: 0–0.03 mg/kg body weight (2013)

Acute RfD: Unnecessary (2013)

Residue: For compliance with the MRL, animal and plant commodities: Cyantraniliprole

For estimation of dietary intake for unprocessed plant commodities: Cyantraniliprole

For estimation of dietary intake for processed plant commodities: Sum of cyantraniliprole and 2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile

For estimation of dietary intake for animal commodities: Sum of: cyantraniliprole

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-1,4-dihydro-8-methyl-4-oxo-6-quinazolinecarbonitrile

3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-(hydroxymethyl)-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide

3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(hydroxymethyl)amino]carbonyl]-6-methylphenyl]-1H-pyrazole-5-carboxamide expressed as cyantraniliprole

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			3	2013	46			
FB	2006 Bush berries	4			3	2013	46			
VS	0624 Celery	15			3	2013	46			
FS	0013 Cherries	6			3	2013	46			
SB	0716 Coffee beans	0.03			3	2013	46			
MO	0105 Edible offal (mammalian)	0.05			3	2013	46			
PE	0112 Eggs	0.015			3	2013	46			
AM	1051 Fodder beet	0.02			3	2013	46			
VO	0050 Fruiting vegetables other than cucurbits	0.5		(except mushrooms & sweet corn)	3	2013	46			
VC	0045 Fruiting vegetables, Cucurbits	0.3			3	2013	46			
VA	0381 Garlic	0.05			3	2013	46			
VL	0053 Leafy vegetables	20		(except Lettuce, Head)	3	2013	46			
AL	0157 Legume animal feeds	0.8	dry wt		3	2013	46			
VL	0482 Lettuce, Head	5			3	2013	46			
ML	0106 Milks	0.02			3	2013	46			
VA	0385 Onion, Bulb	0.05			3	2013	46			
VA	0387 Onion, Welsh	8			3	2013	46			
FS	0247 Peach	1.5			3	2013	46			
HS	0444 Peppers Chili, dried	5			3	2013	46			
FS	0014 Plums (including prunes)	0.5			3	2013	46			
FP	0009 Pome fruits	0.8			3	2013	46			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589	Potato			3	2013	46			
PF	0111	Poultry fats			3	2013	46			
PM	0110	Poultry meat			3	2013	46			
PO	0111	Poultry, Edible offal of			3	2013	46			
DF	0014	Prunes			3	2013	46			
VR	0075	Root and tuber vegetables		(except potato)	3	2013	46			
VA	0388	Shallot			3	2013	46			
VA	0389	Spring Onion			3	2013	46			
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	dry wt		3	2013	46			
AM	0506	Turnip fodder			3	2013	46			



**264 Fenamidone**

Main Uses: Fungicide

JMPR: 2013(TR)

ADI: 0–0.03 mg/kg body weight (2013)

Acute RfD: 1 mg/kg body weight (2013)

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**265 Fluensulfone**

Main Uses: Nematocide

JMPR: 2013(TR)

ADI: 0–0.01 mg/kg body weight (2013)

Acute RfD: 0.3 mg/kg body weight (2013)

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									

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**266 Imazapic**

Main Uses: Herbicide

JMPR: 2013(TR)

ADI: 0–0.7 mg/kg body weight (2013)

Acute RfD: Unnecessary (2013)

Residue: For plant and animal commodities for compliance with the MRL and for estimation of dietary intake: Imazapic

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	0105	Edible offal (mammalian)	1		3	2013	46			
PE	0112	Eggs	0.01	(*)	3	2013	46			
AS	0162	Hay or fodder (dry) of grasses	3		3	2013	46			
GC	0645	Maize	0.01	(*)	3	2013	46			
MF	0100	Mammalian fats (except milk fats)	0.1		3	2013	46			
MM	0095	Meat (from mammals other than marine mammals)	0.1		3	2013	46			
ML	0106	Milks	0.1		3	2013	46			
SO	0697	Peanut	0.05	(*)	3	2013	46			
PF	0111	Poultry fats	0.01	(*)	3	2013	46			
PM	0110	Poultry meat	0.01	(*)	3	2013	46			
PO	0111	Poultry, Edible offal of	0.01	(*)	3	2013	46			
SO	0495	Rape seed	0.05	(*)	3	2013	46			
GC	0649	Rice	0.05	(*)	3	2013	46			
GS	0659	Sugar cane	0.01	(*)	3	2013	46			
GC	0654	Wheat	0.05	(*)	3	2013	46			
AS	0654	Wheat straw and fodder, Dry	0.05	(*)	3	2013	46			

**267 Imazapyr**

Main Uses: Herbicide

JMPR: 2013(TR)

ADI: 0–3 mg/kg body weight (2013)

Acute RfD: Unnecessary (2013)

Residue: For plant commodities for compliance with the MRL and for estimation of dietary intake: Imazapyr

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	0105	Edible offal (mammalian)	0.05	(*)	3	2013	46			
PE	0112	Eggs	0.01	(*)	3	2013	46			
VD	0533	Lentil (dry)	0.3		3	2013	46			
GC	0645	Maize	0.05	(*)	3	2013	46			
MF	0100	Mammalian fats (except milk fats)	0.05	(*)	3	2013	46			
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	3	2013	46			
ML	0106	Milks	0.01	(*)	3	2013	46			
PF	0111	Poultry fats	0.01	(*)	3	2013	46			
PM	0110	Poultry meat	0.01	(*)	3	2013	46			
PO	0111	Poultry, Edible offal of	0.01	(*)	3	2013	46			
SO	0495	Rape seed	0.05	(*)	3	2013	46			
SO	0702	Sunflower seed	0.08		3	2013	46			
GC	0654	Wheat	0.05	(*)	3	2013	46			
AS	0654	Wheat straw and fodder, Dry	0.05	(*)	3	2013	46			

**268 Isoxaflutole**

Main Uses: Herbicide

JMPR: 2013(TR)

ADI: 0–0.02 mg/kg body weight (2013)

Acute RfD: Unnecessary (2013)

Residue: For compliance with the MRL and for dietary risk assessment for plant commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole

For compliance with the MRL for animal commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole

For dietary risk assessment for animal commodities: Sum of isoxaflutole, isoxaflutole diketonitrile,

RPA 205834 (2-aminomethylene-1-cyclopropyl-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione) and

RPA 207048 (1-cyclopropyl-2-hydroxymethylene-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione),

including their conjugates, expressed as isoxaflutole

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0524 Chick-pea (dry)	0.01 (*)			3	2013	46			
AL	0524 Chick-pea fodder	0.01 (*)			3	2013	46			
MO	0105 Edible offal (mammalian)	0.1			3	2013	46			
PE	0112 Eggs	0.01 (*)			3	2013	46			
GC	0645 Maize	0.02 (*)			3	2013	46			
AS	0645 Maize fodder (dry)	0.02 (*)			3	2013	46			
MF	0100 Mammalian fats (except milk fats)	0.01 (*)			3	2013	46			
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			3	2013	46			
ML	0106 Milks	0.01 (*)			3	2013	46			
SO	0698 Poppy seed	0.02 (*)			3	2013				
PF	0111 Poultry fats	0.01 (*)			3	2013	46			
PM	0110 Poultry meat	0.01 (*)			3	2013				
PO	0111 Poultry, Edible offal of	0.2			3	2013	46			
GS	0659 Sugar cane	0.01 (*)			3	2013	46			
AM	0659 Sugar cane fodder	0.01 (*)			3	2013	46			
VO	0447 Sweet corn (corn-on-the-cob)	0.02 (*)			3	2013	46			

**269 Tolfenpyrad**

Main Uses: Insecticide

JMPR: 2013(TR)

ADI: 0–0.006 mg/kg body weight (2013)

Acute RfD: 0.01Unnecessary (2013)

Residue: For compliance with the MRL and estimation of dietary intake for plant commodities: Tolfenpyrad

For compliance with the MRL for animal commodities: Tolfenpyrad and free PT-CA (and conjugated PT-CA and OH-PT-CA) expressed as tolfe

For estimation of dietary intake for animal commodities: Sum of tolfe

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DT	1116 Tea, green	30			3	2013	46			

**270 Triflumizole**

Main Uses: Fungicide

JMPR: 2013(TR)

ADI: 0–0.04 mg/kg body weight (2013)

Acute RfD: 0.3 mg/kg body weight (2013)

Residue: For plant and animal commodities for compliance with the MRL and for estimation of dietary intake: Residues analysed as 4-chloro-2-(trifluoromethyl)aniline and expressed as parent triflumizole

The residue is fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013	Cherries	4		3	2013	46			
VC	0424	Cucumber	0.5		3	2013	46			
MO	0105	Edible offal (mammalian)	0.2		3	2013	46			
FB	0269	Grapes	4		3	2013	46			
DH	1100	Hops, Dry	30		3	2013	46			
MF	0100	Mammalian fats (except milk fats)	0.02		3	2013	46			
MM	0095	Meat (from mammals other than marine mammals)	0.05 (fat)		3	2013	46			
ML	0106	Milks	0.02 (*)		3	2013	46			
FI	0350	Papaya	2		3	2013	46			

**271 Trinexapac-ethyl**

Main Uses: Plant growth regulator

JMPR: 2013(TR)

ADI: 0–0.3 mg/kg body weight (2013)

Acute RfD: Unnecessary (2013)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for animal commodities: Trinexapac (acid)

For estimation of dietary intake for plant commodities: Trinexapac and its conjugates, expressed as trinexapac acid

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley			3	2013	46			
CF	0640	Barley bran, processed			3	2013	46			
AS	0640	Barley straw and fodder, Dry	dry wt		3	2013	46			
MO	0105	Edible offal (mammalian)			3	2013	46			
PE	0112	Eggs		(*)	3	2013	46			
MF	0100	Mammalian fats								
		(except milk fats)		(*)	3	2013	46			
MM	0095	Meat (from mammals other than marine mammals)		(*)	3	2013	46			
ML	0106	Milks		(*)	3	2013	46			
AS	0647	Oat straw and fodder, Dry	dry wt		3	2013	46			
GC	0647	Oats			3	2013	46			
PF	0111	Poultry fats		(*)	3	2013	46			
PM	0110	Poultry meat		(*)	3	2013	46			
PO	0111	Poultry, Edible offal of			3	2013	46			
SO	0495	Rape seed			3	2013	46			
GS	0659	Sugar cane			3	2013	46			
GC	0653	Triticale			3	2013	46			
AS	0653	Triticale straw and fodder, Dry	dry wt		3	2013	46			
GC	0654	Wheat			3	2013	46			
CM	0654	Wheat bran, Unprocessed			3	2013	46			
AS	0654	Wheat straw and fodder, Dry	dry wt		3	2013	46			



## **PART 2**

### **LIST OF EXTRANEEOUS RESIDUE LIMITS FOR PESTICIDES IN FOOD AND ANIMAL FEEDS**

**(At Various Steps of the Codex Procedure)**

Part 2 - 1

**1 Aldrin and Dieldrin**

Main Uses: Insecticide

JMPR: 65T, 66, 67, 68R, 69R, 70, 74R, 75R, 77T, 90R, 92R

ADI: 0.0001 mg/kg body weight (confirmed 1977; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Sum of HHDN and HEOD (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0035	Bulb vegetables	0.05	E			28		1997	
GC	0080	Cereal grains	0.02	E						
FC	0001	Citrus fruits	0.05	E			28		1997	
PE	0112	Eggs	0.1	E						
VC	0045	Fruiting vegetables, Cucurbits	0.1	E			28		1997	
VP	0529	Garden pea, Shelled (succulent seeds)	1	E						
VL	0053	Leafy vegetables	0.05	E			28		1997	
VP	0060	Legume vegetables	0.05	E			28		1997	
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat) E						
ML	0106	Milks	0.006	F E						
FP	0009	Pome fruits	0.05	E			28		1997	
PM	0110	Poultry meat	0.2	E			28		1997	
VD	0070	Pulses	0.05	E			28		1997	
VR	0075	Root and tuber vegetables	0.1	E			28		1997	

Part 2 - 2

**12 Chlordane**

Main Uses: Insecticide

JMPR: 65T, 67, 69R, 70, 72R, 74R, 77, 82T, 84, 86T

ADI: 0.0005 mg/kg body weight (1986; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Plant commodities: sum of cis- and trans-chlordane (fat-soluble). Animal commodities: sum of cis- and trans-chlordane and "oxychlordane" (fat-soluble)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.02		E						CXL
OC 0691	Cotton seed oil, Crude	0.05		E						CXL
PE 0112	Eggs	0.02		E						CXL
AO 0003	Fruits and vegetables	0.02	(*)	E						CXL
TN 0666	Hazelnuts	0.02		E						CXL
OC 0693	Linseed oil, Crude	0.05		E						CXL
GC 0645	Maize	0.02		E						CXL
MM 0095	Meat (from mammals other than marine mammals)	0.05	(fat)	E						CXL
ML 0106	Milks	0.002	F	E						CXL
GC 0647	Oats	0.02		E						CXL
TN 0672	Pecan	0.02		E						CXL
PM 0110	Poultry meat	0.5	(fat)	E						CXL
CM 1205	Rice, Polished	0.02		E						CXL
GC 0650	Rye	0.02		E						CXL
GC 0651	Sorghum	0.02		E						CXL
OC 0541	Soya bean oil, Crude	0.05		E						CXL
OR 0541	Soya bean oil, Refined	0.02		E						CXL
TN 0678	Walnuts	0.02		E						CXL
GC 0654	Wheat	0.02		E						CXL

**21 DDT**

Main Uses: Insecticide

JMPR: 65T, 66, 67, 68, 69, 78R, 79T, 80T, 83T, 84T, 93R, 94R, 96R, 00

ADI: 0.01 mg/kg body weight (2000)

Acute RfD: Unnecessary (JMPR 2000)

Residue: Sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) (fat-soluble)

Note: Previous PTDI, 0.02 mg/kg (1984, converted to PTDI in 1994). The CCPR-33 decided to propose to CAC an EMRL of 5 mg/kg and a level of 3 mg/kg in square brackets and to ask CAC to take a decision regarding the level, taking into account that CCPR would not be able to reach consensus by deferring consideration of this matter to a later session. CCPR also decided not to request a new evaluation of the monitoring data by the next meeting of JMPR.(33.195). The CAC-24 decided to retain the current temporary EMRL of 5 mg/kg and agreed that the proposal to lower the EMRL to 1 mg/kg should be referred to CCPR for further consideration (ALINORM 01/41, para. 145).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0577	Carrot	0.2	E		CXL				1997	
GC 0080	Cereal grains	0.1	E		CXL	94				
PE 0112	Eggs	0.1	E		CXL		28		1997	
MM 0095	Meat (from mammals other than marine mammals)	5	(fat) E	EMRL: 1-5 mg/kg	CXL	96,00	33	28,30	2001	
ML 0106	Milks	0.02	F E		CXL		28		1997	
PM 0110	Poultry meat	0.3	(fat) E	EMRL: 0.1-0.3 mg/kg	CXL	00	35	34	2003	

**33 Endrin**

Main Uses: Insecticide

JMPR: 65T, 70, 74R, 75R, 90R, 92R

ADI: 0.0002 mg/kg body weight (1970; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Sum of endrin and delta-keto-endrin (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0045	Fruiting vegetables, Cucurbits	0.05	E						
PM	0110	Poultry meat	0.1	E						

**43 Heptachlor**

Main Uses: Insecticide

JMPR: 65T, 66, 67R, 68R, 69R, 70, 74R, 75R, 77R, 87R, 91, 93R, 94R

ADI: 0.0001 mg/kg body weight (1991; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Sum of heptachlor and heptachlor epoxide (fat-soluble)

Note: The 1994 JMPR agreed that for the general monitoring of heptachlor and its metabolite, a suitable limit of determination for the total residue would be 0.01 mg/kg

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080 Cereal grains	0.02	E							
FC	0001 Citrus fruits	0.01	E							
SO	0691 Cotton seed	0.02	E							
PE	0112 Eggs	0.05	E							
MM	0095 Meat (from mammals other than marine mammals)	0.2	(fat) E							
ML	0106 Milks	0.006	F E							
FI	0353 Pineapple	0.01	E							
PM	0110 Poultry meat	0.2	(fat) E							
VP	0541 Soya bean (immature seeds)	0.02	E							
OC	0541 Soya bean oil, Crude	0.5	E							
OR	0541 Soya bean oil, Refined	0.02	E							

## **PART 3**

### **LIST OF PESTICIDES FOR WHICH GUIDELINE LEVELS HAVE BEEN SET**

**52 Methyl Bromide**

Main Uses: Fumigant

JMPR: 65, 66, 67R, 68, 71R, 79R, 85R, 92R

ADI: mg/kg body weight

Acute RfD: N/A

Note: Not cleared toxicologically by JMPR

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR								
Code	Name																	
CP	0179	Bread and other cooked cereal products	0.01	(*)							To apply to commodity at point of retail sale or when offered for consumption	CXL		31				1999
SB	0715	Cacao beans	5	Po							To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31				1999
GC	0080	Cereal grains	5	Po							To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31				1999
AO	0001	Cocoa products	0.01	(*)	Po						To apply to commodity at point of retail sale or when offered for consumption	CXL		31				1999
DF	0167	Dried fruits	0.01	(*)	Po						To apply to commodity at point of retail sale or when offered for consumption	CXL		31				1999
DF	0167	Dried fruits	2		Po						To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31				1999
AO	0001	Milled cereals products	0.01	(*)	Po						To apply to commodity at point of retail sale or when offered for consumption	CXL		31				1999
AO	0001	Milled cereals products	1		Po						To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31				1999
SO	0697	Peanut	0.01	(*)	Po						To apply to commodity at point of retail sale or when offered for consumption	CXL		31				1999



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0697 Peanut	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
TN	0085 Tree nuts	0.01	(*) Po	To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
TN	0085 Tree nuts	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	

**114 Guazatine**

Main Uses: Fungicide

JMPR: 78, 80R, 97' (02)

ADI: mg/kg body weight ADI withdrawn (1997)

Acute RfD: N/A ()

Residue: Guazatine

Note: Until 1986 the ISO name guazatine was applied to iminoctadine. However, now the ISO name guazatine applies to a reaction mixture. The proposals remain as guideline levels until a new ADI is recommended. Previous ADI 0.03 mg/kg bw (1978).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0080	Cereal grains	0.05 (*)	G		CXL	97	31		1999	
FC 0001	Citrus fruits	5 Po			CXL		31		1999	