

# CODEX ALIMENTARIUS COMMISSION



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



**World Health  
Organization**

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Agenda Item 6(a)

CX/PR 12/44/5

March 2012

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

44<sup>th</sup> Session

Shanghai, P.R. China, 23 - 28 April 2012

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

This document contains the following:

#### Explanatory Notes

<b>Table 1</b>	List of Pesticides Whose Maximum Residue Limits or Guidelines Levels Have Been Withdrawn by the Codex Alimentarius Commission and for Which No MRLs Have Been Proposed
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#### Indices of Pesticides

<b>Part 1</b>	List of Maximum Residue Limits for Pesticides in Food and Animal Feeds (at various Steps of the Codex Procedure)
<b>Part 2</b>	List of Extraneous Maximum Residue Limits for Pesticides in Food and Animal Feeds (at various Steps of the Codex Procedure)
<b>Part 3</b>	List of Pesticides for Which Guideline Levels Have Been Set
<b>ANNEX I</b>	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> .  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, 7A, 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 (*Codex Alimentarius* Volume 2, Second Edition, Section 2).
- (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			

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)*	CHINOMETHIONAT (80)	DIMETHIPIN (151)
ACEPHATE (95)	CHLORANTRANILIPROLE (230)	DIMETHOATE (27)
ACETAMIPRID (246)	CHLORDANE (12)**	DIMETHOMORPH (225)
ALDICARB (117)	CHLORDIMEFORM (13)*	DINOCAP (87)*
ALDRIN AND DIELDRIN (1)**	CHLORFENVINPHOS (14)	DIOXATHION (28)*
AMINOCARB (134)*	CHLORMEQUAT (15)	DIPHENYL (29)*
AMINOMETHYL PHOPHONIC ACID (AMPA) (198)	CHLOROBENZILATE (16)*	DIPHENYLAMINE (30)
AMINOPYRALID (220)	CHLOROTHALONIL (81)	DIQUAT (31)
AMITRAZ (122)	CHLORPROPHAM (201)	DISULFOTON (74)
AMITROLE (79)*	CHLORPYRIFOS (17)	DITHIANON (180)
ANILAZINE (163)	CHLORPYRIFOS-METHYL (90)	DITHIOCARBAMATES (105)
AZINPHOS-ETHYL (68)*	CIPRODINIL (207)	DODINE (84)
AZINPHOS-METHYL (2)	CLETHODIM (187)	EDIFENPHOS (99)*
AZOCYCLOTIN (129)	CLOFENTEZINE (156)	EMAMECTIN BENZOATE (247)
AZOXYSTROBIN (229)	CLOTHIANIDIN (238)	ENDOSULFAN (32)
BENALAXYL (155)	COUMAPHOS (18)*	ENDRIN (33)**
BENDIOCARB (137)	CRUFOMATE (19)*	ESFENVALERATE (204)
BENOMYL (69)	CYANOFENPHOS (91)*	ETHEPHON (106)
BENTAZONE (172)	CYCLOXYDIM (179)	ETHIOFENCARB (107)*
BETA CYFLUTHRIN (228)	CYFLUTHRIN (157)	ETHION (34)
BIFENAZATE (219)	CYHALOTHRIN (146)	ETHOPROPHOS (149)
BIFENTHRIN (178)	CYHEXATIN (67)	ETHOXYQUIN (35)
BINAPACRYL (3)*	CYPERMETHRIN (118)	ETHYLENE THIOUREA (ETU) (108)*
BIORESMETHRIN (93)	CYPROCONAZOLE (239)	ETOENPROX (184)
BITERTANOL (144)	CYPRODINIL (207)	ETOXAZOLE (241)
BOSCALID (221)	CYROMAZINE (169)	ETRIMFOS (123)
BROMIDE ION (47)	DAMINOZIDE1 (4)*	FAMOXADONE (208)
BROMOPHOS (4)*	2,4-D (20)	FENAMEIPHOS (85)
BROMOPHOS-ETHYL (5)*	DDT (21)**	FENARIMOL (192)
BROMOPROPYLATE (70)	DELTAMETHRIN1 (35)	FENBUCONAZOLE (197)
BUPROFEZIN (173)	DEMETON (92)*	FENBUTATIN OXIDE (109)
BUTOCARBOXIM (139)*	DEMETON-S-METHYL (73)	FENCHLORPHOS (36*)
CADUSAFOS (174)	DEMETON-S-METHYLSULPHON (164)	FENHEXAMID (215)*
CAMPHECHLOR (71)*	DIALIFOS (98)*	FENITROTHION (37)
CAPTAFOL (6)*	DIAZINON (22)	FENPROPATHRIN (185)
CAPTAN (7)	1,2-DIBROMOETHANE (23)*	FENPROPIMORPH (188)
CARBARYL (8)	DICAMBA (240)	FENPYROXIMATE (193)
CARBENDAZIM (72)	DICHLORUANID (82)	FENSULFOTHION (38)*
CARBOFURAN (96)	1,2-DICHLOROETHANE (24)*	FENTHION (39)
CARBON DISULPHIDE (9)*	DICHLORVOS (25)	FENTIN (40)
CARBON TETRACHLORIDE (10)*	DICLORAN (83)	FENVALERATE (119)
CARBOPHENOTHION (11)*	DICOFOL (26)	FIPRONIL (202)
CARBOSULFAN (145)*	DIFENOCONAZOLE (224)	FLUBENDIAMIDE (242)
CARTAP (97)	DIFLUBENZURON (130)	FLUCYTHRINATE (152)
	DIMETHENAMID-P (214)*	FLUDIOXONIL (211)

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

INDEX OF PESTICIDES IN CODE ORDER

1	ALDRIN AND DIELDRIN**	47	BROMIDE ION	93	BIORESMETHRIN
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	CAPTAFOL*	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		Note:
163	ANILAZINE	208	FAMOXADONE		*, See Table 1;
164	DEMETON-S- METHYLSULPHON	209	METHOXYFENOZIDE		** , See Part A.2 (EMRLs);
165	FLUSILAZOLE	210	PYRACLOSTROBIN*		***, See Part A.3 (GLs);
166	OXYDEMETON-METHYL	211	FLUDIOXONIL *		Otherwise see Part A.1 (MRLs).
167	TERBUFOS	212	METALAXYL-M*		
168	TRIADIMENOL	213	TRIFLOXYSTROBIN*		
169	CYROMAZINE	214	DIMETHENAMEID-P		
170	HEXACONAZOLE	215	FENHEXAMID		
171	PROFENOFOS	216	INDOXACARB		
172	BENTAZONE	217	NOVALURON		
173	BUPROFEZIN	218	SULFURYL FLUORIDE		
174	CADUSAFOS	219	BIFENAZATE		
175	GLUFOSINATE-AMMONIUM	220	AMIOCLOPRID		
176	HEXYTHIAZOX	221	BOSCALID		
177	ABAMECTIN	222	QUINOXYFEN		
178	BIFENTHRIN	223	THIACLOPRID		
179	CYCLOXYDIM	224	DIFENOCONAZOLE		
180	DITHIANON	225	DIMETHOMORPH		
181	MYCLOBUTANIL	226	PYRIMETHANIL		
182	PENCONAZOLE	227	ZOXAMIDE		
183	PROPHAM*	228	BETA CYFLUTHRIN		
		229	AZOXYSTROBIN		



**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
55	Omethoate	0.002 (dimethoate, 1996)	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	Campechlor	Not cleared toxicologically	GLs

Code	Name	ADI (mg/kg body weight)	MRLs or GLs deleted
73	Demeton-S-Methyl	0.0003 (1989)	
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	Procymidone	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)	

Code	Name	ADI (mg/kg body weight)	MRLs or GLs deleted
154	Thiodicarb	0.03 (1986)	
159	Vinclozolin	0.01 (1995)	MRLs
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)	

NOTES - The following is bring to the attention of the Committee:

#### NEW COMMODITY CODES

1. The 2011 JMPR meeting identified MRLs for two new commodities i.e. ginseng, processed products (Azoxystrobin 229) and orange oil, edible (Pyraclostrobin 210) for which there are no codes assigned in the Codex Classification for Food and Feed. In order to proceed with their insertion in the Database, the Codex Secretariat in consultation with the Chair of the Working Group on the Revision of the Classification of Food and Feed have inserted the following codes for these commodities:

DM	0604	Ginseng, processed products
OR	0004	Orange oil, edible

2. For DM 0604 Ginseng, processed products the following comments has been made by the Chair of the Working Group on the Classification and are reproduced here below for consideration by the Committee in considering this commodity.

3. Ginseng has at the moment a code VR 0604. This is a code proposed in an earlier revision of the Classification and already used in the data base.

4. In the Classification processed products are defined under "Derived Edible Products of Plant origin (Type 13) "Derived edible products" are foods or edible substances isolated from primary food commodities or raw agricultural commodities, not intended for human consumption as such, using physical, biological or chemical processing.

5. This type of processed food includes groups such as vegetable oils (crude and refined), by-products of the fractionation of cereals, fruit juices, teas (fermented and dried), cocoa powder and by-products of cocoa manufacturing, and extracts of various plants.

6. Within this Type 13 the Group 069 "Miscellaneous derived edible products" (Letter code DM) is the best group to place this commodity. (Miscellaneous derived edible products include various intermediate products in the manufacture of edible food products. Some of these are used for further processing and not consumed as food or feed as such).

7. It could also be considered to exclude Ginseng, dried from this code and place this commodity in group 055 of Dried vegetables with code DV 0604. However, the process of drying ginseng must be clarified as it is the same as or different from other dried vegetables.

8. **The Committee may wish to consider the above matters when discussing the proposed MRLs for the pesticide / commodity combinations listed in Part 1 of this document.**

#### SPICES

9. The 37<sup>th</sup> and 43<sup>rd</sup> Sessions of the Committee (April 2005<sup>1</sup> & 2011<sup>2</sup>) considered a number of spices for adoption by the Codex Alimentarius Commission. The 28<sup>th</sup> Session of the Commission (July 2005<sup>3</sup>) adopted the proposed MRLs as presented by the 37<sup>th</sup> Session of the Committee. The 34<sup>th</sup> Session of the Commission (July 2011<sup>4</sup>) adopted the proposed MRLs as presented by the 43<sup>rd</sup> Session of the Committee with exception of MRLs for omethoate (see CL 2011/22-PR).

10. These MRLs are not included in the Database due to the lack of codes but are displayed separately on a pdf document on the Codex website. In this regard, the 39<sup>th</sup> Session of the Committee (May 2007<sup>5</sup>) proposed a number of codes for spices as follows:

HS 190 – Spices, Seeds
HS 191 – Spices, Fruits and Berries
HS 193 – Spices, Roots and Rhizomes
HS 444 - Dried chili peppers

11. In order to include the MRLs for spices in the Database, the Codex Secretariat has assigned the above-codes to several pesticide/commodity combinations for consideration by the Committee (see tables below).

12. For those MRLs referring to the "Entire Group 028" the Committee may wish to defer its decision until the Group 028 Spices is completed as part of the revision of the Classification for Food and Feed. If so, these MRLs will remain available in a separate document on the Codex website. Otherwise the Committee may wish to identify a code(s) for the commodities accounting for this Group for the pesticides Acephate (095), Azinphos-methyl (002), Dichlorvos (025), Disulfoton (074), Methamidophos (100) and Permethrin (120).

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1 ALINORM 05/28/24, App. IV.

2 REP11/PR, App. III.

3 ALINORM 05/28/41, App. V.

4 REP11/CAC, paras. 65-66, App. III.

5 ALINORM 07/30/24, para. 153.

13. As regards MRLs for spices for Vinclozolin (159), the 43<sup>rd</sup> Session of the Committee agreed to withdraw all MRLs for vinclozolin as there was no longer support from the industry and member countries for its periodic re-evaluation.<sup>6</sup> Consequently, all CXLs for this compound were revoked by the 34<sup>th</sup> Session of the Commission<sup>7</sup>.

14. However, as MRLs for spices are based on monitoring data as opposed to residue field trials and associated toxic data, the Committee is invited to consider whether MRLs for vinclozolin for spices should be revoked or not vis-à-vis the decision taken in this regard at its 43<sup>rd</sup> Session.

15. The Committee is invited to consider the above matters after finalization of the discussion of proposed MRLs for the pesticide/commodity combinations listed in Part 1 of this document.

MRLs/PRs for Spices as adopted by the 28<sup>th</sup> Session of the Codex Alimentarius Commission (July 2005)

Pesticide	Group or Sub-Group of Spices	Proposed Code	MRL (mg/kg)
Acephate (095)	Entire Group 028	?	0.2(*)
Azinphos-methyl (002)	Entire Group 028	?	0.5(*)
Chlorpyrifos (017)	Seeds	HS 190	5
	Fruits or berries	HS 191	1
	Roots or rhizomes	HS 193	1
Chlorpyrifos-methyl (090)	Seeds	HS 190	1
	Fruits	HS 191	0.3
	Roots/rhizomes	HS 193	5
Cypermethrin (118)	Fruits or berries	HS 191	0.1
	Roots or rhizomes	HS 193	0.2
Diazinon (22)	Seeds	HS 190	5
	Fruits	HS 191	0.1 (*)
	Roots or rhizomes	HS 193	0.5
Dichlorvos (025)	Entire Group 028	?	0.1(*)
Dicofol (026)	Seeds	HS 190	0.05(*)
	Fruits or berries	HS 191	0.1
	Roots/rhizomes	HS 193	0.1
Dimethoate (027)	Seeds	HS 190	5
	Fruits or berries	HS 191	0.5
	Roots or rhizomes	HS 193	0.1(*)
Disulfoton (074)	Entire Group 028	?	0.05(*)
Endosulfan (032) (total)	Seeds	HS 190	1
	Fruits or berries	HS 191	5
	Roots or rhizomes	HS 193	0.5
Ethion (034)	Seeds	HS 190	3
	Fruits or berries	HS 191	5
	Roots or rhizomes	HS 193	0.3
Fenitrothion (037)	Seeds	HS 190	7
	Fruits or berries	HS 191	1
	Roots or rhizomes	HS 193	0.1(*)
Iprodion (111)	Seeds	HS 190	0.05(*)
	Roots or rhizomes	HS 191	0.1

<sup>6</sup> REP11/PR, para. 139, App. V.

<sup>7</sup> REP11/CAC, App. V.

Malathion (049)	Seeds	HS 190	2
	Fruits or berries	HS 191	1
	Roots or rhizomes	HS 193	0.5
Metalaxyl (138)	Seeds	HS 190	5
Methamidophos (100)	Entire Group 028	?	0.1(*)
Parathion (058)	Seeds	HS 190	0.1 (*)
	Fruits or berries	HS 191	0.2
	Roots or rhizomes	HS 193	0.2
Parathion-methyl (059)	Seeds	HS 190	5
	Fruits or berries	HS 191	5
	Roots or rhizomes	HS 193	3
Permethrin (120)	Entire Group 028	?	0.05 (*)
Phenthoate 128)	Seeds	HS 190	7 <sup>c</sup>
Phorate (112)	Seeds sub-group	HS 190	0.5
	Fruits or berries	HS 191	0.1(*)
	Roots or rhizomes	HS 193	0.1(*)
Phosalone (060)	Seeds	HS 190	2
	Fruits	HS 191	2
	Roots/rhizomes	HS 193	3
Pirimicarb (101)	Seeds	HS 190	5
Pirimiphos-methyl (086)	Seeds sub-group	HS 190	3
	Fruits sub-group	HS 191	0.5
Quintozene (064)	Seeds sub-group	HS 190	0.1
	Fruits or berries	HS 191	0.02
	Roots or rhizomes	HS 193	2
Vinclozolin (159)	Entire spice group	?	0.05 (*)

MRLs/PRs for Spices as adopted by the 34<sup>th</sup> Session of the Codex Alimentarius Commission (July 2011)

				Recommended MRL mg/kg
Codex Number	Commodity		Pesticide	
028B	Fruit or berry	HS 191	Carbaryl	0.8
		HS 191	Carbendazim	0.1
		HS 191	Cypermethrin	0.5
		HS 191	Aldicarb	0.07
		HS 191	Bifenthrin	0.03
		HS 191	Carbosulfan	0.07
		HS 191	Cyfluthrin	0.03
		HS 191	Cyhalothrin	0.03
		HS 191	Deltamethrin	0.03
		HS 191	Fenvalerate	0.03
		HS 191	Methidathion	0.02
		HS 191	Methiocarb	0.07
		HS 191	Methomyl	0.07

		HS 191	Oxamyl	0.07
		HS 191	Profenofos	0.07
		HS 191	Triazophos	0.07
028D	Root or rhizome	HS 193	Deltamethrin	0.5
		HS 193	Aldicarb	0.02
		HS 193	Bifenthrin	0.05
		HS 193	Captan	0.05
		HS 193	Carbaryl	0.1
		HS 193	Carbendazim	0.1
		HS 193	Carbosulfan	0.1
		HS 193	Cyfluthrin	0.05
		HS 193	Cyhalothrin	0.05
		HS 193	Fenvalerate	0.05
		HS 193	Methidathion	0.05
		HS 193	Methiocarb	0.1
		HS 193	Oxamyl	0.05
		HS 193	Profenofos	0.05
		HS 193	Triazophos	0.1

## PART 1

### LIST OF MAXIMUM RESIDUE LIMITS FOR PESTICIDES IN FOOD AND ANIMAL FEEDS

(At Various Steps of the Codex Procedure)



## Part 1 - 1

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 pimiento)	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	
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	

Part 1 - 2

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
FB 0275	Strawberry	15			CXL	94	28		2008	
VO 0448	Tomato	5			CXL	00	40	28,31,32,34-39	2008	

Part 1 - 3

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	50			CXL 02		36	35	2004	
VS 0621	Asparagus	15			CXL 02		36	35	2004	
VR 0574	Beetroot	0.1			CXL 02		36	35	2004	
VR 0577	Carrot	0.5			CXL 02		36	35	2004	
FC 0001	Citrus fruits	15			CXL 02		41	35-40	2009	
FB 0265	Cranberry	5			CXL 07		40		2008	
VO 0440	Egg plant	1			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	

## Part 1 - 4

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0651	Sorghum	10	Po T						
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	
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	

Part 1 - 5

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			CXL 00		30		1999	
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	
OC 0691	Cotton seed oil, Crude	0.05	(*)		CXL					Retained as part of 4-year periodic review
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	

Part 1 - 7

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb			CXL	00	35	34	2003	
FS	0247	Peach			CXL	00	35	34	2003	
VP	0063	Peas (pods and succulent=immature seeds)			CXL	00	35	34	2003	
TN	0672	Pecan		(*)	CXL	00	35	34	2003	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimienta)			CXL	00	35	34	2003	
MM	0818	Pig meat		(fat)	CXL	00	35	34	2003	
MO	0818	Pig, Edible offal of		(*)	CXL	00	35	34	2003	
FS	0014	Plums (including prunes)			CXL	00	35	34	2003	
FP	0009	Pome fruits			CXL	00	35	34	2003	
VR	0589	Potato			CXL	04	37		2005	
PM	0110	Poultry meat		(fat)	CXL	00	35	34	2003	
PO	0111	Poultry, Edible offal of		(*)	CXL	00	35	34	2003	
GC	0649	Rice			CXL	04	37		2005	
MM	0822	Sheep meat		(fat)	CXL	00	35	34	2003	
MO	0822	Sheep, Edible offal of			CXL	00	35	34	2003	
GC	0651	Sorghum			CXL	00	35	34	2003	
AS	0651	Sorghum straw and fodder, Dry			CXL	00	35	34	2003	
VD	0541	Soya bean (dry)			CXL	04	37		2005	
OR	0541	Soya bean oil, Refined			CXL	04	37		2005	
FB	0275	Strawberry			CXL	00	35	34	2003	
VR	0596	Sugar beet			CXL	00	35	34	2003	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	00	35	34	2003	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL	04	37		2005	
TN	0678	Walnuts		(*)	CXL	00	35	34	2003	
GC	0654	Wheat			CXL	00	35	34	2003	
CF	1211	Wheat flour			CXL	00	35	34	2003	
AS	0654	Wheat straw and fodder, Dry			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	



Part 1 - 9

**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)	0.05			CXL				1995	

Part 1 - 10

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
VL 0483	Lettuce, Leaf	0.5			CXL		28		1997	
MO 0099	Liver of cattle, goats, pigs & sheep	0.03	V	The MRL accommodates external animal treatment.	CXL	96,99	36	30,33-35	2004	
GC 0645	Maize	0.02	(*)		CXL				1995	
MM 0097	Meat of cattle, pigs & sheep	2	(fat) V	The MRL accommodates external animal treatment.	CXL	96,99	36	30,33-35	2004	
ML 0106	Milks	0.02	F	The MRL accommodates external animal treatment.	CXL	96,99			1995	
VA 0385	Onion, Bulb	0.05			CXL				1995	
FS 0247	Peach	0.2			CXL		28		1997	
HS 0444	Peppers Chili, dried	0.5			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.05			CXL				1995	
FI 0353	Pineapple	0.1			CXL		28		1997	
FS 0014	Plums (including prunes)	1			CXL		28		1997	
FP 0009	Pome fruits	0.3			CXL	99	36	33-35	2004	
VR 0589	Potato	0.01	(*)		CXL				1995	
DF 0014	Prunes	2			CXL		28		1997	
VR 0494	Radish	0.1			CXL		28		1997	
FB 0272	Raspberries, Red, Black	0.2			CXL		28		1997	
VL 0502	Spinach	0.5			CXL		28		1997	
VA 0389	Spring Onion	1			CXL		28		1997	
VC 0431	Squash, summer	0.05			CXL		28		1997	
FB 0275	Strawberry	0.1			CXL		28		1997	
VR 0596	Sugar beet	0.1			CXL				1995	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL				1995	
VO 0448	Tomato	0.5			CXL		28		1997	
TN 0678	Walnuts	0.01	(*)		CXL				1995	

**25 Dichlorvos**

Main Uses: Insecticide

JMPR: 65, 66, 67, 69R, 70, 74R, 77T, 93'

ADI: 0-0.004 mg/kg body weight 2011

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

Residue: Dichlorvos. Residues decline rapidly during storage and shipment. Codex MRLs are based on residues likely to be found at harvest or slaughter.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains	5	Po		CXL		28		1997	
CM 0654	Wheat bran, Unprocessed	10			CXL		28		1997	
CF 1211	Wheat flour	1			CXL		28		1997	
CF 1210	Wheat germ	10			CXL		28		1997	
CF 1212	Wheat wholemeal	2			CXL		28		1997	

Part 1 - 12

**26 Dicofol**

Main Uses: Acaricide

JMPR: 68, 70R, 74R, 92', 94R

ADI: 0-0.002 mg/kg body weight 2011

Acute RfD: 0. 2 mg/kg body weight (2011)

Residue: Plant commodities: Dicofol (sum of o,p' & p,p' isomers) (fat-soluble). Animal commodities: Sum of dicofol and 2,2-dichloro-1,1-bis(4-chlorophenyl)ethanol (p,p'-FW152) calculated as dicofol (fat-soluble).

Note: The Committee decided to retain the existing CXL for tea, green, black at the request of the Delegation of India, waiting the submission of new data by India for evaluation by JMPR. The Committee noted that the JMPR has scheduled the toxicology evaluation for dicofol for 2010 and residue evaluation for 2011 (39-54-55).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	0.1			CXL				1995	
MM 0812	Cattle meat	3	(fat)		CXL	94	28		1997	
MO 0812	Cattle, Edible offal of	1			CXL	94	28		1997	
FS 0013	Cherries	5			CXL		28		1997	
FC 0001	Citrus fruits	5			CXL		28		1997	
VP 0526	Common bean (pods and/or immature seeds)	2			CXL		28		1997	
SO 0691	Cotton seed	0.1			CXL				1995	
OC 0691	Cotton seed oil, Crude	0.5			CXL		28		1997	
OR 0691	Cotton seed oil, Edible	0.5			CXL		28		1997	
VC 0424	Cucumber	0.5			CXL				1995	
PE 0112	Eggs	0.05			CXL				1995	
FB 0269	Grapes	5			CXL		28		1997	
DH 1100	Hops, Dry	50			CXL				1995	
VC 0046	Melons, except watermelon	0.2			CXL				1995	
ML 0106	Milks	0.1	F		CXL	94	31	28-30	1999	
FS 0247	Peach	5			CXL		28		1997	
TN 0672	Pecan	0.01	(*)		CXL				1995	
VO 0051	Peppers	1			CXL				1995	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
FS 0014	Plums (including prunes)	1			CXL		28		1997	
PM 0110	Poultry meat	0.1	(fat)		CXL	94	28		1997	
PO 0111	Poultry, Edible offal of	0.05	(*)		CXL				1995	
DF 0014	Prunes	3			CXL		28		1997	
VC 0431	Squash, summer	1			CXL				1995	
DT 1114	Tea, Green, Black (black, fermented and dried)	50			CXL		28		1997	Awaiting JMPR on data to be submitted by India and Morocco (36-75,76).
TN 0678	Walnuts	0.01	(*)		CXL				1995	

Part 1 - 13

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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		38	36,37	2006	
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	
VR 0596	Sugar beet	0.05			CXL 98					
VL 0506	Turnip greens	1			CXL 98		37	32,35,36	2005	
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: 70, 72, 76R, 77, 78R, 93T, 94R' (01R)

ADI: 0.002 mg/kg body weight mg diquat cation/kg body weight (1993)

Acute RfD: N/A

Residue: Diquat cation. Generally available as dibromide.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	100			CXL	94	30	28,29	1999	
GC 0640	Barley	5			CXL	94	30	28,29	1999	
VD 0071	Beans (dry)	0.2			CXL	94	30	28,29	1999	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	94	30	28,29	1999	
PE 0112	Eggs	0.05		(*)	CXL	94	30	28,29	1999	
VD 0533	Lentil (dry)	0.2			CXL	94	30	28,29	1999	
GC 0645	Maize	0.05		(*)	CXL	94	30	28,29	1999	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	94	30	28,29	1999	
ML 0106	Milks	0.01		(*)	CXL	94	30	28,29	1999	
GC 0647	Oats	2			CXL	94	30	28,29	1999	
VD 0072	Peas (dry)	0.2			CXL	94	30	28,29	1999	
VR 0589	Potato	0.05			CXL	94	30	28,29	1999	
PM 0110	Poultry meat	0.05		(*)	CXL	94	30	28,29	1999	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	94	30	28,29	1999	
SO 0495	Rape seed	2			CXL					
GC 0649	Rice	10			CXL	94	30	28,29	1999	
CM 0649	Rice, Husked	1			CXL	94	30	28,29	1999	
CM 1205	Rice, Polished	0.2			CXL	94	30	28,29	1999	
GC 0651	Sorghum	2			CXL	94	30	28,29	1999	
VD 0541	Soya bean (dry)	0.2			CXL	94	30	28,29	1999	
SO 0702	Sunflower seed	1			CXL	94	30	28,29	1999	
OC 0172	Vegetable oils, Crude	0.05		(*)	CXL	94	30	28,29	1999	
AO 0002	Vegetables (except as otherwise listed)	0.05		(*)	CXL		24		1993	
GC 0654	Wheat	2			CXL	94	30	28,29	1999	
CM 0654	Wheat bran, Unprocessed	2			CXL	94	30	28,29	1999	
CF 1211	Wheat flour	0.5			CXL	94	30	28,29	1999	
CF 1212	Wheat wholemeal	2			CXL	94	30	28,29	1999	

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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	



**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		29		1997	
FP 0230	Pear	3	Po		CXL	08	41		2009	

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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-
FC 0001	Citrus fruits	2			CXL					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-
OC 0305	Olive oil, Virgin	1			CXL					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-
FT 0305	Olives	1			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-
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.

Note: The Committee noted concerns regarding the residue definition and requested the Delegation of the EC to further specify its concerns regarding the use of variability factors and intake concerns and make it available for the next CCPR session (37-96).

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)			CXL	97,99	38	28,33-37	2006	
FB	0269	Grapes			CXL	97,99	38	33-37	2006	
VL	0482	Lettuce, Head			CXL	99	38	33-37	2006	
VC	0046	Melons, except watermelon			CXL	97,99	35	33,34	2003	
VA	0385	Onion, Bulb			CXL	99	35	33,34	2003	
VR	0589	Potato			CXL	99	35	33,34	2003	
FB	0275	Strawberry			CXL	99	38	28,33-37	2006	
VO	0448	Tomato			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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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.

Note: The 28th CCPR noted that the USA and Israel had registered uses of methylbromide. It decided that the compound should not be referred to the Working Group on Priorities (28.43).

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	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: indane. 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	

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**49 Malathion**

Main Uses: Insecticide

JMPR: 65T, 66, 68R, 69R, 70R, 73R, 75R, 77R, 84R, 97T', 99R', 00R, 03T,04R, 05R'

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.5			CXL	04	38	37	2006	The Committee was advised that the CXLs for apples, grapes and citrus were based on European GAP which no longer existed. The Committee agreed that these CXLs would be considered for revocation at the next meeting (see also paras 78 and 202 of Alinorm 09/32/24).
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	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-
FC 0001	Citrus fruits	7			CXL	04	38	37	2006	
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	



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Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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-
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	
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	

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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					
FI 0353	Pineapple	0.05			CXL					
FS 0014	Plums (including prunes)	0.2			CXL					
VR 0589	Potato	0.02	(*)		CXL					
PF 0111	Poultry fats	0.02	(*)		CXL					
PM 0110	Poultry meat	0.02	(*)		CXL					
PO 0111	Poultry, Edible offal of	0.02	(*)		CXL					
VR 0494	Radish	0.05	(*)		CXL		28		1997	
SO 0495	Rape seed	0.1			CXL					
SO 0699	Safflower seed	0.1			CXL		28		1997	
MF 0822	Sheep fat	0.02	(*)		CXL				1995	
GC 0651	Sorghum	0.2			CXL					
VR 0596	Sugar beet	0.05	(*)		CXL		28		1997	
SO 0702	Sunflower seed	0.5			CXL		28		1997	
DT 1114	Tea, Green, Black (black, fermented and dried)	0.5			CXL		28		1997	
VO 0448	Tomato	0.1			CXL					
TN 0678	Walnuts	0.05	(*)		CXL		28		1997	

**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	
AB 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: Definition of the 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). Note: no short-term dietary intake was calculated due to insufficient data (JMPR 2003).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.01 (*)			CXL 04		38	37	2006	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.01 (*)			CXL 04		38	37	2006	
FB 0018	Berries and other small fruits	0.01 (*)			CXL 04		38	37	2006	
FC 0001	Citrus fruits	0.02			CXL 04		38	37	2006	
SO 0691	Cotton seed	2			CXL 04		38	37	2006	
MO 0105	Edible offal (mammalian)	0.05			CXL 04		38	37	2006	
PE 0112	Eggs	0.005 (*)			CXL 04		38	37	2006	
AV 1051	Fodder beet leaves or tops	0.2	dry wt		MRL-W 04		38	37	2006	
VO 0050	Fruiting vegetables other than cucurbits	0.05			CXL 04		38	37	2006	
VC 0045	Fruiting vegetables, Cucurbits	0.02			CXL 04		38	37	2006	
DH 1100	Hops, Dry	0.1			CXL 04		38	37	2006	
VL 0053	Leafy vegetables	0.07			CXL 04		38	37	2006	
GC 0645	Maize	0.03			CXL 04		38	37	2006	
CF 1255	Maize flour	0.05			CXL 04		38	37	2006	
AS 0645	Maize fodder (dry)	10	dry wt		CXL 04		38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.005			CXL 04		38	37	2006	
ML 0106	Milks	0.005 (*)			CXL 04		38	37	2006	
FT 0305	Olives	0.1			CXL 04		38	37	2006	
FP 0009	Pome fruits	0.01 (*)			CXL 04		38	37	2006	
PM 0110	Poultry meat	0.005 (*)			CXL 04		38	37	2006	
PO 0111	Poultry, Edible offal of	0.005 (*)			CXL 04		38	37	2006	
VD 0070	Pulses	0.5			CXL 04		38	37	2006	
GC 0649	Rice	0.05			CXL 09		42		2010	
AS 0649	Rice straw and fodder, Dry	0.05			CXL 09		42		2010	
VR 0075	Root and tuber vegetables	0.05			CXL 04		38	37	2006	
GC 0651	Sorghum	0.03			CXL 04		38	37	2006	
AS 0651	Sorghum straw and fodder, Dry	0.3	dry wt		CXL 04		38	37	2006	
AL 0541	Soya bean fodder	0.5	dry wt		CXL 04		38	37	2006	
FS 0012	Stone fruits	0.01 (*)			CXL 04		38	37	2006	
SO 0702	Sunflower seed	2			CXL 04		38	37	2006	
DT 1114	Tea, Green, Black (black, fermented and dried)	0.2			CXL 04		38	37	2006	
TN 0085	Tree nuts	0.05			CXL 04		38	37	2006	

**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-

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	
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	0.1		CXL	99	33		2001	
FP	0226	Apple	5		CXL		28			1997
TN	0666	Hazelnuts	0.05	(*)	CXL	99	33			2001
FP	0009	Pome fruits	2		CXL	99	35	33,34		2003
FS	0012	Stone fruits	2		CXL	99	35	33,34		2003
TN	0678	Walnuts	0.05	(*)	CXL	99	33			2001

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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0485	Mustard greens								
AL	0072	Pea hay or pea fodder (dry)								
SO	0703	Peanut, whole								
VO	0051	Peppers								
HS	0444	Peppers Chili, dried								
PM	0110	Poultry meat	(fat)	The MRL accommodates external animal treatment.						
PO	0111	Poultry, Edible offal of								
VD	0070	Pulses	Po							
VL	0494	Radish leaves (including radish tops)								
VR	0075	Root and tuber vegetables		Except carrot						
VL	0502	Spinach								
VO	0448	Tomato								
JF	0448	Tomato juice								
CM	0654	Wheat bran, Unprocessed	PoP							
CF	1211	Wheat flour	PoP							
CF	1210	Wheat germ	PoP							
CF	1212	Wheat wholemeal	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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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; and 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	15	Po		CXL	00	35	34	2003	
FI	0327	5	Po		CXL	97	31		1999	
MO	1280	1			CXL	00	35	34	2003	
MO	1281	0.3			CXL	00	35	34	2003	
MM	0812	0.1			CXL	97,00	32	31	2001	
ML	0812	0.2			CXL	00	35	34	2003	
FC	0001	7	Po		CXL	07	40	39	2008	
PE	0112	0.1			CXL	97	33		2001	
FI	0345	5	Po		CXL	00	35	34	2003	
VO	0450	60			CXL	97	37	31-36	2005	
FI	0350	10	Po		CXL	00	35	34	2003	
FP	0009	3	Po		CXL	00	35	34	2003	
VR	0589	15	Po		CXL	00	35	34	2003	
PM	0110	0.05			CXL	97	31		1999	
VS	0469	0.05	(*)		CXL	97	31		1999	

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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0001	Citrus fruits	2			CXL	93	29	28	1997	
VP 0526	Common bean (pods and/or immature seeds)	3			CXL	93	28		1997	
VC 0424	Cucumber	0.5			CXL	93	28		1997	
FB 0269	Grapes	2			CXL	93	28		1997	
VC 0046	Melons, except watermelon	0.5			CXL	93	28		1997	
FS 0014	Plums (including prunes)	2			CXL	93	28		1997	
FP 0009	Pome fruits	2			CXL	93	28		1997	
VC 0431	Squash, summer	0.5			CXL	93	28		1997	
FB 0275	Strawberry	2			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	
VP 0526	Common bean (pods and/or immature seeds)	2	-		CXL		32		2001	
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

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
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
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
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	0.1		-			94	28		1997
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



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**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 sulphoxides and sulphones, expressed as disulfoton.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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: 74,77,78R,79,81,83,85,87T,88R,90,92T,93R', 97R

ADI: 0-0.02 mg/kg body weight (1990; confirmed 1992)

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	0.01 (*)			CXL	97	33	31,32	2001	Withdrawal recommended (JMPR 2010). The 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).
VB	0402 Brussels sprouts	6			CXL	10	43		2011	
VS	0624 Celery	20			CXL	10	43		2011	
FS	0013 Cherries	0.5			CXL				1995	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). The 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). The 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0265	Cranberry	5			CXL					Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). The 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	
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). The 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). The 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									
SO	0697	Peanut			CXL	10	43		2011	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). The 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).
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL	97	31		1999	Withdrawal recommended (JMPR 2010). Withdrawal recommended (JMPR 2010). The 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). The 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).



**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: dicloran. 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			CXL	03	37	36	2005	
FS	0245	Nectarine			CXL	03	37	36	2005	
FS	0247	Peach			CXL	03	37	36	2005	
FP	0009	Pome fruits			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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains	7	Po		CXL 03		37	36	2005	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL 04		37		2005	
PE 0112	Eggs	0.01			CXL 04		37		2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL 04		37		2005	
ML 0106	Milks	0.01			CXL 03		37	36	2005	
PM 0110	Poultry meat	0.01		(*)	CXL 04		37		2005	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL 04		37		2005	
CM 0654	Wheat bran, Unprocessed	15	PoP		CXL 03		37	36	2005	

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**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: 75, 76, 79R, 90R, 91', 92T, 93R, 94R, 01T'

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

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	3	Po		7	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).
GC 0640	Barley	10	Po		7	94	43			Returned to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
FC 0001	Citrus fruits	2			CXL	09	42		2010	
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	
GC 0647	Oats	10	Po		7	94	43	28-42		Returned to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).
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)

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
GC	0649	Rice	10	Po		7	94	43	28-42		The Delegation Republic of Korea informed the Committee of their chronic dietary intake concerns with the rice MRL and the CCPR requested the Delegation Republic of Korea to submit their intake calculations to JMPR (36-120). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).
GC	0651	Sorghum	10	Po		CXL					Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
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	
GC	0654	Wheat	10	Po		CXL		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	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).
CM	0654	Wheat bran, Unprocessed	20	PoP		CXL					
CM	0654	Wheat bran, Unprocessed	6	PoP		7	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CF	1210 Wheat germ	5	PoP		7	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36). The CCPR agreed to retain the draft MRL at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43-42).

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	20			CXL	01	37	34-36	2005	
FP 0226	Apple	0.3			CXL	08	42	41	2010	Noting reservation of the EU due to acute intake concerns. (42-39)
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			CXL	01			1991	
AB 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	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
VA	0385	Onion, Bulb	0.2		CXL	01			1991	
FS	0247	Peach	0.2		CXL	01	36	34,35	2004	
FP	0230	Pear	0.3		CXL	08	41		2009	
VP	0063	Peas (pods and succulent=immature seeds)	5		CXL	01			1991	
VO	0051	Peppers	0.7		CXL	04	37		2005	
HS	0444	Peppers Chili, dried	10		CXL	04	38	37	2006	
FS	0014	Plums (including prunes)	1		CXL	01	36	34,35	2004	
VR	0589	Potato	0.02	(*)	CXL	01	36	34,35	2004	
PM	0110	Poultry meat	0.02	(*)	CXL	01	36	34,35	2004	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	01	36	34,35	2004	
SO	0495	Rape seed	0.05		CXL	01	36	34,35	2004	
VD	0541	Soya bean (dry)	0.2		CXL	01				
AL	0541	Soya bean fodder	0.2		CXL	01	36	34,35	2004	
AB	0541	Soya bean hulls	1		CXL	01	36	34,35	2004	
AB	1265	Soya bean meal	20		CXL	01	36	34,35	2004	
OC	0541	Soya bean oil, Crude	0.2		CXL	01	36	34,35	2004	
OR	0541	Soya bean oil, Refined	0.2		CXL	01	36	34,35	2004	
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	10		CXL	01	36	34,35	2004	
VO	0448	Tomato	1		CXL	08	41		2009	
GC	0654	Wheat	2		CXL	01	37	34-36	2005	
CM	0654	Wheat bran, Unprocessed	3		CXL	01	37	34-36	2005	
CF	1211	Wheat flour	0.03		CXL	01	37	34-36	2005	
CF	1210	Wheat germ	2		CXL	01	37	34-36	2005	
AS	0654	Wheat straw and fodder, Dry	5		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: Definition of the residue for compliance with MRLs for plant and animal commodities: acephate.

Definition of the residue for estimation of dietary intake for plant and animal commodities: acephate and methamidophos.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			3 11		44			
CM 0649	Rice, Husked	1			3 11		44			
VD 0541	Soya bean (dry)	0.3			CXL 03		37	36	2005	
VO 0448	Tomato	1			CXL 96		30		1999	

**96 Carbofuran**

Main Uses: Insecticide

JMPR: 76, 79, 80T, 82T, 91R, 93R, 96T', 97R', 02, 03R, 04R

ADI: 0-0.001 mg/kg body weight (1996)

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

Residue: For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: sum of carbofuran, 3-hydroxycarbofuran and conjugated 3-hydroxycarbofuran, expressed as carbofuran.

Note: The Committee noted the concern form submitted by EC relating to the use of different ARfDs and agreed to reconsider the CXLs for banana; edible offal; maize; meat; milks; rice, husked; sugar beet; sugar cane and sunflower seed for the further discussion next year based on the JMPR response. (41-85)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.1 (*)			CXL	97	31		1999	
MF 0812	Cattle fat	0.05 (*)			CXL	97	31		1999	
AB 0001	Citrus pulp, Dry	2		Based on the use of carbofuran	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 carbofuran	CXL	03	37	36	2005	
FC 0206	Mandarin	0.5		Based on the use of carbofuran	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	
VR 0596	Sugar beet	0.2		Based on the use of carbofuran	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	

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**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: Definition of the residue for compliance with MRLs and for estimation of dietary intake for plant and animal commodities: methamidophos.  
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	0.2			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			3	11	44			Arising from the use of acephate on rice.
CM 0649	Rice, Husked	0.6			3	11	44			Arising from the use of acephate on rice.
VD 0541	Soya bean (dry)	0.1			CXL	03	37	36	2005	
VR 0596	Sugar beet	0.02			CXL	03	37	36	2005	

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**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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, Globe	5			CXL	06	39		2007	
VS 0621	Asparagus	0.01 (*)			CXL	06	39		2007	
FB 0018	Berries and other small fruits	1		Except strawberries and grapes	CXL	06	39		2007	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.5			CXL	06	39		2007	
GC 0080	Cereal grains	0.05		Except rice	CXL	06	39		2007	
FC 0001	Citrus fruits	3			CXL	06	39		2007	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	06	39		2007	
PE 0112	Eggs	0.01 (*)			CXL	06	39		2007	
VO 0050	Fruiting vegetables other than cucurbits	0.5		Except edible fungi and Sweet corn	CXL	06	39		2007	
VC 0045	Fruiting vegetables, Cucurbits	1		Except melons and watermelons	CXL	06	39		2007	
VA 0381	Garlic	0.1			CXL	06	39		2007	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem	0.3			CXL	06	39		2007	
VP 0060	Legume vegetables	0.7		Except soya bean	CXL	06	39		2007	
VL 0482	Lettuce, Head	5			CXL	06	39		2007	
VL 0483	Lettuce, Leaf	5			CXL	06	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	06	39		2007	
VC 0046	Melons, except watermelon	0.2			CXL	06	39		2007	
ML 0106	Milks	0.01 (*)			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									
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
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
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	10			CXL	97	40	31,33-39	2008	
FB 0020	Blueberries	10			CXL	07	40		2008	The Committed noted that all residue results for blueberries were below 10 mg/kg and agreed to recommend an MRL of 10 mg/kg, instead of the 15 mg/kg MRL proposed by JMPR, and to advance this 10 mg/kg MRL for adoption at Step 5/8 (40-65)
MM 0812	Cattle meat	1	(fat)	V	CXL		31		1999	
FC 0001	Citrus fruits	3			CXL	02,07	40	35-39	2008	
SO 0691	Cotton seed	0.05			CXL	97	32	31	2001	
FB 0269	Grapes	10			CXL	97	31		1999	
ML 0106	Milks	0.02			CXL		31		1999	
FS 0245	Nectarine	10			CXL	02,07	40	35-39	2008	
FS 0247	Peach	10			CXL	97	31		1999	
FP 0009	Pome fruits	10			CXL	02	40	35-39	2008	
VR 0589	Potato	0.05	(*)		CXL	97	32	31	2001	
TN 0085	Tree nuts	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 & ziram, 0.003 mg/kg bw (1996); thiram, 0.01 mg/kg bw (1992); mancozeb, maneb, metiram & 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)	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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0345	Mango	2		c	CXL 95	31	28-30	1999	
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	

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**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, the CCPR was considering guideline levels.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	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	

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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.5			CXL				1995	
FI 0327	Banana	10			CXL		28		1997	
FS 0013	Cherries	10			CXL		28		1997	
PM 0840	Chicken meat	0.05		(*)	CXL				1995	
PO 0840	Chicken, Edible offal of	0.05		(*)	CXL				1995	
FC 0001	Citrus fruits	5			CXL				1995	
AB 0001	Citrus pulp, Dry	25			CXL				1995	
VC 0424	Cucumber	0.5			CXL				1995	
MO 0105	Edible offal (mammalian)	0.2			CXL		28		1997	
PE 0112	Eggs	0.05			CXL				1995	
AB 0269	Grape pomace, Dry	100			CXL				1995	
FB 0269	Grapes	5			CXL				1995	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL				1995	
ML 0106	Milks	0.05		(*)	CXL				1995	
FS 0247	Peach	7			CXL				1995	
TN 0672	Pecan	0.5			CXL				1995	
FS 0014	Plums (including prunes)	3			CXL					
FP 0009	Pome fruits	5			CXL				1995	
DF 0014	Prunes	10			CXL		28		1997	
DF 5263	Raisins (seedless white grape var., partially dried)	20			CXL		28		1997	
FB 0275	Strawberry	10			CXL				1995	
VO 0448	Tomato	1			CXL				1995	
TN 0678	Walnuts	0.5			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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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				

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112 Phorate

Main Uses: Insecticide

JMPR: 77, 82T, 83T, 84R, 85T, 90R, 91R, 92R, 93R, 94T, 96T, 04T', 05R'

ADI: 0-0.0007 mg/kg body weight 2004

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

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

Note: Former ADI (1994; confirmed 1996).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	0.2			CXL 7	05	30	29	1999	
VR 0589	Potato	0.5					43			
										The information provided precluded an estimate that the dietary intake would be below the ARfD for children aged ≤ 6 years (JMPR 2005). The Committee noted that the 2009 JMPR considered a new processing study on potatoes but the data was not sufficient to alleviate the acute intake concerns and agreed to hold the proposed MRL at Step 7 awaiting new information from the manufacturer for consideration by the 2012 JMPR. (42-42)
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	
VR 0596	Sugar beet	0.05 (*)			CXL 05		38		2006	

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**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. Confirmed 2006. (1999)

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
AB 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	



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Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
DT 1114	Tea, Green, Black (black, fermented and dried)	5			CXL 02		36	35	2004	
VO 0448	Tomato	2			CXL 02					
TN 0678	Walnuts	0.3			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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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					

Part 1 - 76

**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 sulfoxide and aldicarb sulphone, expressed as aldicarb.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.02			CXL	94	28		1997	
AS 0640	Barley straw and fodder, Dry	0.05			CXL	94	28		1997	
VD 0071	Beans (dry)	0.1			CXL	94				
VB 0402	Brussels sprouts	0.1			CXL	93,94	28		1997	
FC 0001	Citrus fruits	0.2			CXL	94				
SB 0716	Coffee beans	0.1			CXL	94				
SO 0691	Cotton seed	0.1			CXL	94				
OR 0691	Cotton seed oil, Edible	0.01 (*)			CXL	94	28		1997	
FB 0269	Grapes	0.2			CXL	94	28		1997	
GC 0645	Maize	0.05			CXL	94				
AS 0645	Maize fodder (dry)	0.5			CXL	94	28		1997	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	94				
ML 0106	Milks	0.01 (*)			CXL	94				
VA 0385	Onion, Bulb	0.1			CXL	94	28		1997	
SO 0697	Peanut	0.02			CXL	94	28		1997	
OR 0697	Peanut oil, Edible	0.01 (*)			CXL	94	28		1997	
TN 0672	Pecan	1			CXL	94	28		1997	
GC 0651	Sorghum	0.1			CXL	94	28		1997	
AS 0651	Sorghum straw and fodder, Dry	0.5			CXL	94				
VD 0541	Soya bean (dry)	0.02 (*)			CXL	94				
VR 0596	Sugar beet	0.05 (*)			CXL	94				
GS 0659	Sugar cane	0.1			CXL	94	28		1997	
SO 0702	Sunflower seed	0.05 (*)			CXL	94	28		1997	
VR 0508	Sweet potato	0.1			CXL	94				
GC 0654	Wheat	0.02			CXL	94	28		1997	
AS 0654	Wheat straw and fodder, Dry	0.05			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: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	30			CXL	08	41		2009	
VS	0620 Artichoke, Globe	0.1			CXL	08	41		2009	
VS	0621 Asparagus	0.01 (*)			7	08	43			The Committee agreed to hold the proposed draft at Step 7 awaiting data from Thailand (42-43)
VS	0621 Asparagus	0.4	a,C		3	11	44			
GC	0640 Barley	2	Po	C	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	42		2010	
FC	0001 Citrus fruits	2			CXL					The CXL was being retained under the four year rule awaiting data for evaluation by JMPR in 2011. The Committee invited the EU to submit a concern form clearly outlining their acute intake concerns. (42-44)
FC	0001 Citrus fruits	0.3	a,Z	except shaddocks or pomelos	3	11	44			
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	



Part 1 - 79

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0649	Rice			CXL	08	41		2009	
VR	0075	Root and tuber vegetables		Except sugar beet	CXL	08	41		2009	
GC	0650	Rye	Po	C	CXL	09	42		2010	
FC	0005	Shaddocks or pomelos		a,C,z	3	11	44			
FS	0012	Stone fruits			CXL	08	41		2009	
AS	0081	Straw and fodder (dry) of cereal grains			CXL	08	41		2009	
FB	0275	Strawberry			CXL	08	41		2009	
VR	0596	Sugar beet			CXL	08	41		2009	
GS	0659	Sugar cane			CXL	08	41		2009	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	08	41		2009	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL					The CXL was being retained under the four year rule awaiting data for evaluation by JMPR in 2011. The Committee invited the EU to submit a concern form clearly outlining their acute intake concerns. (42-44)
DT	1114	Tea, Green, Black (black, fermented and dried)		C	3	11	44			
VO	0448	Tomato			CXL	08	41		2009	
TN	0085	Tree nuts		a,Z	3	11	44			
GC	0654	Wheat	Po	C	CXL	09	42		2010	
CM	0654	Wheat bran, Unprocessed	PoP	C	CXL	09	42		2010	





Part 1 - 81

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML	0106	Milks								
FS	0247	Peach		F	CXL					
SO	0703	Peanut, whole			CXL					
VP	0064	Peas, Shelled (succulent seeds)			CXL					
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL					
FP	0009	Pome fruits			CXL					
VR	0075	Root and tuber vegetables			CXL					
VD	0541	Soya bean (dry)			CXL					
VC	0431	Squash, summer			CXL					
SO	0702	Sunflower seed			CXL					
VO	0447	Sweet corn (corn-on-the-cob)			CXL					
VO	0448	Tomato			CXL					
TN	0085	Tree nuts			CXL					
VC	0432	Watermelon			CXL					
CM	0654	Wheat bran, Unprocessed		PoP	CXL					
CF	1211	Wheat flour		PoP	CXL					
CF	1212	Wheat wholemeal		PoP	CXL					
VC	0433	Winter squash			CXL					

**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 - 83

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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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FB	0268	Gooseberry	2							CXL
FB	0269	Grapes	2							CXL
DH	1100	Hops, Dry	50							CXL
VR	0583	Horseradish	0.5							CXL
VL	0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem)	5							CXL
FI	0341	Kiwifruit	2							CXL
VB	0405	Kohlrabi	0.1							CXL
VA	0384	Leek	0.5							CXL
VL	0482	Lettuce, Head	2							CXL
AS	0645	Maize fodder (dry)	100	dry wt						CXL
MM	0095	Meat (from mammals other than marine mammals)	1	(fat)	The MRL accommodates external animal treatment.					CXL
VC	0046	Melons, except watermelon	0.1							CXL
ML	0106	Milks		F						CXL
VO	0450	Mushrooms	0.1							CXL
FT	0305	Olives	1							CXL
SO	0697	Peanut	0.1							CXL
VP	0064	Peas, Shelled (succulent seeds)	0.1							CXL
VO	0051	Peppers	1							CXL
HS	0444	Peppers Chili, dried	10			04	38	37	2006	CXL
TN	0675	Pistachio nuts	0.05	(*)						CXL
FP	0009	Pome fruits	2							CXL
VR	0589	Potato	0.05	(*)						CXL
PM	0110	Poultry meat	0.1							CXL
VR	0591	Radish, Japanese	0.1							CXL
SO	0495	Rape seed	0.05	(*)						CXL
FB	0272	Raspberries, Red, Black	1							CXL
AS	0651	Sorghum straw and fodder, Dry	20							CXL
VD	0541	Soya bean (dry)	0.05	(*)						CXL
AL	0541	Soya bean fodder	50	dry wt						CXL
OC	0541	Soya bean oil, Crude	0.1							CXL
VL	0502	Spinach	2							CXL
VA	0389	Spring Onion	0.5							CXL
VC	0431	Squash, summer	0.5							CXL
FS	0012	Stone fruits	2							CXL
FB	0275	Strawberry	1							CXL
VR	0596	Sugar beet	0.05	(*)						CXL
SO	0702	Sunflower seed	1							CXL
OC	0702	Sunflower seed oil, crude	1							CXL
OR	0702	Sunflower seed oil, Edible	1							CXL

Part 1 - 84

VO 0447 Sweet corn (corn-on-the-cob) 0.1 CXL

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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)	20		CXL					
VO	0448	Tomato	1		CXL					
CM	0654	Wheat bran, Unprocessed	5	PoP	CXL					
CF	1211	Wheat flour	0.5	PoP	CXL					
CF	1210	Wheat germ	2	PoP	CXL					
CF	1212	Wheat wholemeal	2	PoP	CXL					
VC	0433	Winter squash	0.5		CXL					

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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	0.1			CXL	02	36	35	2004	
FC 0001	Citrus fruits	5			CXL	02				
FC 0001	Citrus fruits	3			7	02	43			Retain the draft MRL at Step 7 waiting the 2012 JMPR evaluation (42-45)
SO 0691	Cotton seed	0.2			CXL	02				
VC 0424	Cucumber	2			CXL	02				
VC 0424	Cucumber	1			7	02	43			Retain the draft MRL at Step 7 waiting the 2012 JMPR evaluation (42-45)
MO 0096	Edible offal of cattle, goats, horses, pigs & sheep	0.02 (*)			CXL	02	36	35	2004	
PE 0112	Eggs	0.02 (*)			CXL	02	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	02	36	35	2004	
VC 0046	Melons, except watermelon	2			CXL	02				
VC 0046	Melons, except watermelon	1			7	02	43			Retain the draft MRL at Step 7 waiting the 2012 JMPR evaluation (42-45)
ML 0106	Milks	0.02 (*)			CXL	02	36	35	2004	
SO 0697	Peanut	0.05			CXL	02	36	35	2004	
AL 0697	Peanut fodder	0.2			CXL	02	36	35	2004	
VO 0051	Peppers	5			7	02	43			Retain the draft MRL at Step 7 waiting the 2012 JMPR evaluation (42-45)
VO 0445	Peppers, Sweet (including pimento or pimienta)	2			CXL					To be replaced by the MRL for peppers (2002 JMPR)
VR 0589	Potato	0.1			CXL	02	36	35	2004	
PM 0110	Poultry meat	0.02 (*)			CXL	02	36	35	2004	
PO 0111	Poultry, Edible offal of	0.02 (*)			CXL	02	36	35	2004	
VO 0448	Tomato	2			CXL					

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	05	38		2006	
FB 0021	Currants, Black, Red, White	0.1			CXL	05	38		2006	
FB 0269	Grapes	0.3			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: 81, 83R, 84, 85, 88R, 01T, 02R'

ADI: 0-0.02 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: Definition of the 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.05 (*)			3	11	44			
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			3	11	44			
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			3	11	44			
FS 0245	Nectarine	0.5			3	11	44			
GC 0647	Oats	0.05 (*)			3	11	44			
FS 0247	Peach	0.5			3	11	44			
SO 0697	Peanut	0.15			3	11	44			
AL 0697	Peanut fodder	40			3	11	44			
VO 0444	Peppers Chili	3			3	11	44			
HS 0444	Peppers Chili, dried	20			3	11	44			
VO 0445	Peppers, Sweet (including pimento or pimiento)	0.7			3	11	44			
FS 0014	Plums (including prunes)	0.5			3	11	44			
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			3	11	44			
TN 0085	Tree nuts	0.2			3	11	44			
GC 0653	Triticale	0.05 (*)			3	11	44			
GC 0654	Wheat	0.05 (*)			3	11	44			



**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 pimiento)	2			CXL 05		38		2006	
VR 0589	Potato	0.05 (*)			CXL 05		38		2006	
SO 0495	Rape seed	0.05 (*)			CXL 05		38		2006	
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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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				
VO 0448	Tomato	0.2			CXL		28		1997	Withdrawal recommended (JMPR 2007)

**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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple			CXL	02	36	35	2004	
VR	0577	Carrot			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

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
FB 0275	Strawberry	0.2			CXL 02		36	35	2004	
SO 0702	Sunflower seed	0.05	(*)		CXL 02		36	35	2004	
VO 0447	Sweet corn (corn-on-the-cob)	0.02	(*)		CXL 02		36	35	2004	
DT 1114	Tea, Green, Black (black, fermented and dried)	5			CXL 02		36	35	2004	
VO 0448	Tomato	0.3			CXL 02		36	35	2004	
TN 0678	Walnuts	0.02	(*)		CXL 02		36	35	2004	
CM 0654	Wheat bran, Unprocessed	5	PoP		CXL 02				1995	
CF 1211	Wheat flour	0.3	PoP		CXL 02		36	35	2004	
CF 1212	Wheat wholemeal	2	PoP		CXL 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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					
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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		CXL	04	37		2005	
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: 82T, 83R, 86, 90R, 92R, 93, 02T', 07R

ADI: 0-0.001 mg/kg body weight (1993; confirmed 2002)

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

Residue: For compliance with the MRL for all commodities and for estimation of dietary intake for plant and animal commodities: triazophos. The residue is not

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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-
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	43			The CCPR agreed to hold the proposed draft MRL due to short term intake concern. The Delegation of China informed that processing data for rice, husked would be submitted for the 2013 JMPR evaluation (43-45).
VP 0541	Soya bean (immature seeds)	0.5			CXL	10	43		2011	
VP 0546	Soya bean (young pod)	1			CXL	10	43		2011	



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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 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	
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	08	41		2009	
FS 0240	Apricot	0.5			CXL	08	41		2009	
VS 0621	Asparagus	0.02			CXL	08	41		2009	
GC 0640	Barley	0.5			CXL	08	41		2009	
FB 0018	Berries and other small fruits	0.2			CXL	08	41		2009	
VA 0035	Bulb vegetables	0.2			CXL	08	41		2009	
VB 0041	Cabbages, Head	0.3			CXL	08	41		2009	
FS 0013	Cherries	0.3			CXL	08	41		2009	
FC 0001	Citrus fruits	0.2			CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	08	41		2009	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.5			CXL	08	41		2009	
VO 0050	Fruiting vegetables other than cucurbits	0.3		Except mushrooms	CXL	08	41		2009	
VC 0045	Fruiting vegetables, Cucurbits	0.05			CXL	08	41		2009	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2			CXL	08	41		2009	
VP 0060	Legume vegetables	0.2			CXL	08	41		2009	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	08	41		2009	
GC 0645	Maize	0.02			CXL	08	41		2009	
FI 0345	Mango	0.2			CXL	08	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	3	(fat)		CXL	08	41		2009	
ML 0106	Milks	0.2			CXL	08	41		2009	
FS 0245	Nectarine	0.5			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									
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	
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	
AS	0081	Straw and fodder (dry) of cereal grains			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 & 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						
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.

Note: The Committee noted that the EC disagreed with the selection of toxicological end points used by JMPR in establishing the ADI and ARfD (38-111).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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.

Note: 53. The Committee was informed that EU would submit data for onion; potato and tomato to support JMPR evaluation for these commodities. (42-53)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0269 Grapes	0.3			CXL	09	42		2010	
VL	0482 Lettuce, Head	1			CXL	09	42		2010	
VC	0046 Melons, except watermelon	0.3			CXL	09	42		2010	
VA	0385 Onion, Bulb	0.02		(*)	CXL	09	42		2010	
VR	0589 Potato	0.02		(*)	CXL	09	42		2010	
VO	0448 Tomato	0.2			CXL	09	42		2010	
VC	0432 Watermelon	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: 86R, 87T, 89R, 90R, 92R, 06T, 07R

ADI: 0-0.04 mg/kg body weight Group ADI (JMPR 2009).

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			CXL	07	40		2008	
VB 0041	Cabbages, Head	4			6	07	43			Retain the draft MRL at Step 6 awaiting the evaluation of additional data to be submitted by Indonesia by the 2012 JMPR (42-54)
VB 0404	Cauliflower	2			CXL	07	40		2008	
FC 0001	Citrus fruits	0.3			CXL	07	40		2008	
AB 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	
VO 0440	Egg plant	0.2			CXL	07	40		2008	
PE 0112	Eggs	0.01		(*)	CXL	07	40		2008	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.05			CXL	07	40		2008	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	1		(fat)	CXL	07	40		2008	
ML 0106	Milks	0.04			CXL	07	40		2008	
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	
VO 0448	Tomato	0.2			CXL	07	40		2008	

**158 Glyphosate**

Main Uses: Herbicide

JMPR: 86, 88R, 94R, 97, 04T', 05R'

ADI: 0-1 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: Definition of the residue for compliance with MRL for soya bean and maize: sum of glyphosate and N-acetylglyphosate, expressed as glyphosate.

Definition of the residue for compliance with MRL (for other plant commodities): glyphosate.

Definition of the residue for compliance with MRL (for animal commodities): sum of glyphosate and N-acetylglyphosate, expressed as glyphosate

Definition of the residue 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

Note: See also (198) aminomethylphosphonic acid (AMPA). Previous ADI 0.3 mg/kg/bw (1997).

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			3	11	44			
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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO	0111	Poultry, Edible offal of	0.5		CXL	05	38		2006	
SO	0495	Rape seed	20		CXL	05	38		2006	
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		3	11	44			
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		3	11	44			
CM	0654	Wheat bran, Unprocessed	20		CXL	05	38		2006	
AS	0654	Wheat straw and fodder, Dry	300		CXL	05	38		2006	

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**160 Propiconazole**

Main Uses: Fungicide

JMPR: 87, 91R, 94R, 04T', 06R, 07R

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

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

Residue: For compliance with MRLs for plant and animal commodities: propiconazole For estimation of dietary intake for plant and animal commodities: propiconazole plus all metabolite convertible to 2,4-dichloro-benzoic acid, expressed as propiconazole. The residue is fat soluble.

Note: ADI changed. Previous ADI 0.04 (1987).

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	
TN 0672	Pecan	0.02		(*)	CXL	07	40		2008	
FI 0353	Pineapple	0.02		(*)	CXL	07	40		2008	
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	
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 pimienta)	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: 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)	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\*

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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: 90, 92R, 06T', 07R

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

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

Residue: For compliance with MRL and for estimation of dietary intake for plants 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, Globe	3			CXL	07	40		2008	
VD 0071	Beans (dry)	3			CXL	07	40		2008	
VB 0400	Broccoli	1			CXL	07	40		2008	
VS 0624	Celery	4			CXL	07	40		2008	
VC 0424	Cucumber	2			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.3			CXL	07	40		2008	
PE 0112	Eggs	0.3			CXL	07	40		2008	
VO 0050	Fruiting vegetables other than cucurbits	1		Except mushrooms and sweet corn (corn-on-the-cob)	CXL	07	40		2008	
VL 0482	Lettuce, Head	4			CXL	07	40		2008	
VL 0483	Lettuce, Leaf	4			CXL	07	40		2008	
VP 0534	Lima bean (young pods and/or immature beans)	1			CXL	07	40		2008	
FI 0345	Mango	0.5			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.3			CXL	07	40		2008	
VC 0046	Melons, except watermelon	0.5			CXL	07	40		2008	
ML 0106	Milks	0.01			CXL	07	40		2008	
VO 0450	Mushrooms	7			CXL	07	40		2008	
VL 0485	Mustard greens	10			CXL	07	40		2008	
VA 0385	Onion, Bulb	0.1			CXL	07	40		2008	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
PM 0110	Poultry meat	0.1			CXL	07	40		2008	
PO 0111	Poultry, Edible offal of	0.2			CXL	07	40		2008	
VA 0389	Spring Onion	3			CXL	07	40		2008	
VC 0431	Squash, summer	2			CXL	07	40		2008	

**171 Profenofos**

Main Uses: Insecticide

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

ADI: 0-0.03 mg/kg body weight 2011

Acute RfD: 1.0 mg/kg body weight (2011)

Residue: Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: profenofos.  
The residue is not 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	5			CXL	94	41		2009	The Committee agreed to retain the CXLs for peppers, chilli and chilli peppers (dry) for four year under the periodic review procedure, noting that the Delegation of Thailand would submit data to support those commodities (41-114). The Codex MRL was retained under the four year rule awaiting evaluation of data by the 2011 Meeting of JMPR.
VO	0444 Peppers Chili	3				3	11		44	

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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	50		CXL	04	41	37,38	2009	The Committee agreed to retain the CXLs for peppers, chilli and chilli peppers (dry) for four year under the periodic review procedure, noting that the Delegation of Thailand would submit data to support those commodities (41-114). The Codex MRL was retained under the four year rule awaiting evaluation of data by the 2011 Meeting of JMPR.
HS	0444	Peppers Chili, dried	20		3	11	44			
PM	0110	Poultry meat	0.05	(*)	CXL	08	41		2009	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL	08	41		2009	
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: 91, 94R, 95R, 98, 99, 04T

ADI: 0-0.1 mg/kg body weight (1991, confirmed 1998)

Acute RfD: Unnecessary (2004)

Residue: Plant commodities: Sum of bentazone, 6-hydroxybentazone and 8-hydroxybentazone expressed as bentazone. Animal commodities: Bentazone.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.1			CXL	94	28		1997	
VD 0071	Beans (dry)	0.05		(*)	CXL		28		1997	
VD 0523	Broad bean (dry)	0.05		(*)	CXL		28		1997	
VP 0526	Common bean (pods and/or immature seeds)	0.2			CXL		28		1997	
PE 0112	Eggs	0.05		(*)	CXL		29		1997	
VD 0561	Field pea (dry)	1			CXL	94	28		1997	
VP 0528	Garden pea (young pods)(=succulent, immature seeds)	0.2			CXL				1995	
VP 0534	Lima bean (young pods and/or immature beans)	0.05			CXL				1995	
SO 0693	Linseed	0.1			CXL				1995	
GC 0645	Maize	0.2			CXL	94	28		1997	
AS 0645	Maize fodder (dry)	0.2			CXL	94	28		1997	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL		29		1997	
ML 0106	Milks	0.05		(*)	CXL		29		1997	
GC 0647	Oats	0.1			CXL	94	28		1997	
VA 0385	Onion, Bulb	0.1			CXL				1995	
SO 0697	Peanut	0.05			CXL				1995	
VR 0589	Potato	0.1			CXL		28		1997	
GC 0649	Rice	0.1			CXL		28		1997	
GC 0650	Rye	0.1			CXL	94	28		1997	
GC 0651	Sorghum	0.1			CXL	94	28		1997	
VD 0541	Soya bean (dry)	0.1			CXL				1995	
GC 0654	Wheat	0.1			CXL	94	28		1997	

**173 Buprofezin**

Main Uses: Insecticide

JMPR: 91, 95R, 99TR

ADI: 0-0.009 mg/kg body weight (1991)

Acute RfD: 0.5 mg/kg body weight (2009)

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

Note: The Committee noted that additional data for coffee would be submitted by the manufacturer. (42-57)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	09	42		2010	
TN 0660	Almonds	0.05 (*)			CXL	09	42			
FP 0226	Apple	3			CXL	09	42		2010	
FS 0013	Cherries	2			CXL	09	42			
FC 0001	Citrus fruits	1			CXL	08	41		2009	
AB 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	Dietary intake concerns from EU (42-57)
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	
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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.01			CXL	10	43		2011	

**175 Glufosinate-Ammonium**

Main Uses: Herbicide

JMPR: 91, 94R, 98R, 99R

ADI: 0.02 mg/kg body weight (1999; for glufosinate-ammonium, 3-[hydroxy(methyl)phosphinoyl]propionic acid and N-acetyl-glufosinate, alone or in

Acute RfD: Unnecessary (1999)

Residue: Sum of glufosinate-ammonium, 3-[hydroxy(methyl)phosphinoyl]propionic acid and N-acetyl-glufosinate, calculated as glufosinate (free acid).

Note: Previous ADI, 0.02 mg/kg bw for glufosinate-ammonium (1991). Residue definition changed by the 1999 JMPR.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.5			CXL	98	34	32	2003	
VS 0621	Asparagus	0.05 (*)			CXL	94	28		1997	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.05 (*)		Except banana	CXL	98	34	32	2003	
FI 0327	Banana	0.2			CXL	94	28		1997	
FB 0018	Berries and other small fruits	0.1		Except currants	CXL	94	28		1997	
VD 0523	Broad bean (dry)	2			CXL	94	28		1997	
VR 0577	Carrot	0.05 (*)			CXL	94	28		1997	
FC 0001	Citrus fruits	0.1			CXL		28		1997	
VD 0526	Common bean (dry)	2			CXL	94	28		1997	
VP 0526	Common bean (pods and/or immature seeds)	0.05 (*)			CXL	94	28		1997	
VL 0470	Corn salad	0.05 (*)			CXL	94	28		1997	
FB 0021	Currants, Black, Red, White	0.5			CXL	94	28		1997	
MO 0105	Edible offal (mammalian)	0.1 (*)			CXL	99	34	33	2003	
PE 0112	Eggs	0.05 (*)			CXL	99	34	33	2003	
GC 0645	Maize	0.1			CXL	94	28		1997	
AS 0645	Maize fodder (dry)	10			CXL	99	34	33	2003	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	99	34	33	2003	
ML 0106	Milks	0.02 (*)			CXL	99	34	33	2003	
VA 0385	Onion, Bulb	0.05			CXL	94	28		1997	
VD 0072	Peas (dry)	3			CXL	94	28		1997	
FP 0009	Pome fruits	0.05 (*)			CXL		28		1997	
VR 0589	Potato	0.5			CXL		28		1997	
PM 0110	Poultry meat	0.05 (*)			CXL	99	34	33	2003	
PO 0111	Poultry, Edible offal of	0.1 (*)			CXL	99	34	33	2003	
SO 0495	Rape seed	5			CXL	94	28		1997	
OC 0495	Rape seed oil, Crude	0.05 (*)			CXL	94	28		1997	
VD 0541	Soya bean (dry)	2			CXL	99	34	33	2003	
FS 0012	Stone fruits	0.05 (*)			CXL		28		1997	
VR 0596	Sugar beet	0.05 (*)			CXL	94	28		1997	
SO 0702	Sunflower seed	5			CXL	94	28		1997	
OC 0702	Sunflower seed oil, crude	0.05 (*)			CXL	94	28		1997	
TN 0085	Tree nuts	0.1			CXL	98	34	32	2003	

**176 Hexythiazox**

Main Uses: Acaricide

JMPR: 91, 94R, 98R

ADI: 0-0.03 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: Definition of the residue for compliance with the MRL for plant commodities: hexythiazox.

Definition of the residue (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.

Definition of the residue (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	2			CXL	98	32		2001	Withdrawal recommended (JMPR 2009). Retain the CXL under the four year rule, awaiting the 2011 JMPR review of data to be submitted by the manufacturer (42-60)
DH 1100	Hops, Dry	3			3	11	44			
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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO	0111	Poultry, Edible offal of			CXL	09	42		2010	
DF	0014	Prunes			CXL	09	42		2010	
FS	0012	Stone fruits			CXL	09	42		2010	
FB	0275	Strawberry			CXL		28		1997	Withdrawal recommended (JMPR 2009). Retain the CXL under the four year rule, awaiting the 2011 JMPR review of data to be submitted by the manufacturer (42-60)
FB	0275	Strawberry				3	11		44	
DT	1114	Tea, Green, Black (black, fermented and dried)				3	11		44	
VO	0448	Tomato			CXL	09	42		2010	
TN	0085	Tree nuts			CXL	09	42		2010	

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**177 Abamectin**

Main Uses: Insecticide

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

ADI: 0.002 mg/kg body weight for sum of abamectin & 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	Commodity 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.

Note: In response to the concern of the EU, France and Croplife international who questioned the scientific validity of the published literature used by the JMPR to set an ARfD for bifenthrin, the WHO secretary of JMPR clarified that it was very clearly in the mandate of JMPR to take all relevant available information into account. The delegation of France disagreed with the JMPR explanation. (42-61)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 the 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 the 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			6	10	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). The CCPR decided to advance the proposed draft MRLs for mango, okra and papaya to Step 5, awaiting the authorized GAP to be submitted by Kenya (43-52).
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	
ML	0106 Milks	0.2 (fat)			3	10	43			
VL	0485 Mustard greens	4			CXL	10	43		2011	
VO	0442 Okra	0.2			6	10	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). The CCPR decided to advance the proposed draft MRLs for mango, okra and papaya to Step 5, awaiting the authorized GAP to be submitted by Kenya (43-52).
FI	0350 Papaya	0.4			6	10	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). The CCPR decided to advance the proposed draft MRLs for mango, okra and papaya to Step 5, awaiting the authorized GAP to be submitted by Kenya (43-52).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
FB	0275	Strawberry	1		CXL				1995	
FB	0275	Strawberry	3		4	10	43,46			For strawberry, the ARfD is exceeded. No alternative GAP is available (2010 JMPR). Due to short term intake concern identified by JMPR, the CCPR decided to retain the proposed draft MRL for strawberry 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: 92, 93R

ADI: 0-0.07 mg/kg body weight (1992)

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

Residue: Sum of 3-thian-3-ylglutaric acid (TME) and 3-hydroxy-3-thian-3-ylglutaric acid (OH-TME), expressed as cycloxydim.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	2			CXL		28		1997	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL				1995	
VR 0577	Carrot	0.5			CXL				1995	
VP 0526	Common bean (pods and/or immature seeds)	1			CXL				1995	
FB 0269	Grapes	0.5			CXL		28		1997	
VL 0482	Lettuce, Head	0.2			CXL		28		1997	
VL 0483	Lettuce, Leaf	0.2			CXL		28		1997	
VP 0063	Peas (pods and succulent=immature seeds)	1			CXL		28		1997	
VP 0064	Peas, Shelled (succulent seeds)	2			CXL		28		1997	
VR 0589	Potato	2			CXL		28		1997	
SO 0495	Rape seed	2			CXL				1995	
VD 0541	Soya bean (dry)	2			CXL		28		1997	
FB 0275	Strawberry	0.5			CXL		28		1997	
VR 0596	Sugar beet	0.2			CXL				1995	

**180 Dithianon**

Main Uses: Fungicide

JMPR: 92, 95R

ADI: 0.01 mg/kg body weight (1992)

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

Residue: Dithianon.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0013	Cherries	5			CXL	95	29		1997	
FB 0269	Grapes	3			CXL		28		1997	
DH 1100	Hops, Dry	100			CXL				1995	
FC 0206	Mandarin	3			CXL				1995	
FP 0009	Pome fruits	5			CXL		28		1997	
FC 0005	Shaddocks or pomelos	3			CXL				1995	

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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				97				
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	(*)						1995
ML	0812	Cattle milk	0.01	(*)						1995
MO	0812	Cattle, Edible offal of	0.05	(*)						1995
PE	0840	Chicken eggs	0.05	(*)						1995
PM	0840	Chicken meat	0.05	(*)						1995
VC	0424	Cucumber	0.1				28			1997
DF	0269	Dried grapes (=currants, raisins and sultanas)	0.5				29			1997
FB	0269	Grapes	0.2				29			1997
DH	1100	Hops, Dry	0.5							1995
VC	0046	Melons, except watermelon	0.1				28			1997
FS	0245	Nectarine	0.1							1995
FS	0247	Peach	0.1							1995
FP	0009	Pome fruits	0.2				29			1997
FB	0275	Strawberry	0.1				28			1997
VO	0448	Tomato	0.2				28			1997

**184 Etofenprox**

Main Uses: Insecticide

JMPR: 93, 06

ADI: 0-0.03 mg/kg body weight 2011

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

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple	0.6		3	11	44			
VD	0071	Beans (dry)	0.05		3	11	44			
DF	0269	Dried grapes (=currants, raisins and sultanas)	8		3	11	44			
MO	0105	Edible offal (mammalian)	0.05		3	11	44			
PE	0112	Eggs	0.01	(*)	3	11	44			
FB	0269	Grapes	4		3	11	44			
GC	0645	Maize	0.05	(*)	3	11	44			
MM	0095	Meat (from mammals other than marine mammals)	0.5	(fat)	3	11	44			
ML	0106	Milks	0.02		3	11	44			
FS	0245	Nectarine	0.6		3	11	44			
FS	0247	Peach	0.6		3	11	44			
FP	0230	Pear	0.6		3	11	44			
FP	0009	Pome fruits	1		CXL		28		1997	Withdrawal recommended by 2011 JMPR.
VR	0589	Potato	0.01	(*)	CXL				1995	Withdrawal recommended by 2011 JMPR.
PM	0110	Poultry meat	0.01	(*)	3	11	44			
PO	0111	Poultry, Edible offal of	0.01	(*)	3	11	44			
SO	0495	Rape seed	0.01	(*)	3	11	44			
GC	0649	Rice	0.01	(*)	3	11	44			
AS	0649	Rice straw and fodder, Dry	0.05		3	11	44			

**185 Fenpropathrin**

Main Uses: Insecticide

JMPR: 93, 06R

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

Acute RfD: N/A

Residue: For compliance with the MRLs and for estimation of the dietary intake: fenpropathrin. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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: 94, 97R

ADI: 0-0.03 mg/kg body weight 2011

Acute RfD: 0.3 mg/kg body weight (2011)

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: tebuconazole.  
The residue is fat-soluble.

Note: (42-62): 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)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226	Apple			3	11	44			
FS	0240	Apricot			3	11	44			
VS	0620	Artichoke, Globe			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).
VS	0620	Artichoke, Globe			3	11	44			
FI	0327	Banana			CXL	97	31		1999	
FI	0327	Banana			3	11	44			
GC	0640	Barley			CXL	94	28		1997	Recommendation of the 2008 JMPR.
GC	0640	Barley			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).
GC	0640	Barley			3	11	44			
AS	0640	Barley straw and fodder, Dry			CXL	94	28		1997	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0640	Barley straw and fodder, Dry	30		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.
AS	0640	Barley straw and fodder, Dry	40		3	11	44			
VD	0071	Beans (dry)	0.3		3	11	44			
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1		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).
VB	0400	Broccoli	0.2		3	11	44			
VB	0402	Brussels sprouts	0.3		3	11	44			
VB	0041	Cabbages, Head	1		3	11	44			
VR	0577	Carrot	0.5		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.
VR	0577	Carrot	0.4		3	11	44			
MO	0812	Cattle, Edible offal of	0.05 (*)		CXL	94	28		1997	Withdrawal recommended by the 2011 JMPR.
VB	0404	Cauliflower	0.05 (*)		3	11	44			
FS	0013	Cherries	5		CXL	97	32	31	2001	
FS	0013	Cherries	4		3	11	44			
SB	0716	Coffee beans	0.1		CXL	08	41		2009	
SB	0716	Coffee beans	0.1		3	11	44			
SM	0716	Coffee beans, Roasted	0.5		CXL	08	41		2009	Withdrawal recommended by the 2011 JMPR.

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0526	Common bean (pods and/or immature seeds)	2			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).
SO 0691	Cotton seed	2			3	11	44			
VC 0424	Cucumber	0.2			CXL	97	31		1999	
VC 0424	Cucumber	0.15			3	11	44			
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			CXL	97	32	31	2001	
DF 0269	Dried grapes (=currants, raisins and sultanas)	7			3	11	44			
MO 0105	Edible offal (mammalian)	0.5			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).
MO 0105	Edible offal (mammalian)	0.2			3	11	44			
VO 0440	Egg plant	0.1			3	11	44			
PE 0112	Eggs	0.05 (*)			CXL	08	41		2009	
PE 0112	Eggs	0.05 (*)			3	11	44			
FB 0267	Elderberry	2			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).
FB 0267	Elderberry	1.5			3	11	44			
VA 0381	Garlic	0.1			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.

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0381	Garlic			3	11	44			
FB	0269	Grapes			CXL	94	32	28,29,31	2001	
FB	0269	Grapes			3	11	44			
DH	1100	Hops, Dry			CXL	08	41		2009	
DH	1100	Hops, Dry			3	11	44			
VA	0384	Leek			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.
VA	0384	Leek			3	11	44			
VL	0482	Lettuce, Head			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).
GC	0645	Maize			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.
AS	0645	Maize fodder (dry)			3	11	44			
FI	0345	Mango			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.

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0345	Mango			3	11	44			
MM	0095	Meat (from mammals other than marine mammals)			CXL	08	41		2009	
MM	0095	Meat (from mammals other than marine mammals)			3	11	44			
VC	0046	Melons, except watermelon			7	08	43			
VC	0046	Melons, except watermelon			3	11	44			
ML	0106	Milks			CXL	08	41		2009	
ML	0106	Milks			3					
FS	0245	Nectarine			3	11	44			
GC	0647	Oats			CXL	97			1999	
GC	0647	Oats			3	11	44			
FT	0305	Olives			3	11	44			
VA	0385	Onion, Bulb			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).
VA	0385	Onion, Bulb			3	11	44			
FI	0350	Papaya			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.
FI	0350	Papaya			3	11	44			
FI	0351	Passion fruit			3	11	44			
FS	0247	Peach			CXL	97			1999	
FS	0247	Peach			3	11	44			
SO	0697	Peanut			CXL	94	28		1997	
SO	0697	Peanut			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.

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0697	Peanut			3	11	44			
AL	0697	Peanut fodder			CXL	94	28		1997	
AL	0697	Peanut fodder			3	11	44			
FP	0230	Pear			3	11	44			
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
HS	0444	Peppers Chili, dried			3	11	44			
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL	97			1999	
VO	0445	Peppers, Sweet (including pimento or pimiento)			3	11	44			
FS	0014	Plums (including prunes)		excluding prunes.	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.
FS	0014	Plums (including prunes)		except prunes	3	11	44			
FP	0009	Pome fruits			CXL	97			1999	
FP	0009	Pome fruits			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).
PM	0110	Poultry meat			CXL	08	41		2009	
PM	0110	Poultry meat			3	11	44			
PO	0111	Poultry, Edible offal of			CXL	08	41		2009	
PO	0111	Poultry, Edible offal of			3	11	44			
DF	0014	Prunes			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.
DF	0014	Prunes			3	11	44			

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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	0.5			CXL	08	41		2009	
SO	0495 Rape seed	0.3			3	11	44			
GC	0649 Rice	2			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).
GC	0649 Rice	1.5			3	11	44			
GC	0650 Rye	0.05 (*)			CXL	94	28		1997	
GC	0650 Rye	0.15			3	11	44			
AS	0650 Rye straw and fodder, Dry	5			CXL	94	28		1997	
AS	0650 Rye straw and fodder, Dry	40			3	11	44			
VD	0541 Soya bean (dry)	0.1			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).
VD	0541 Soya bean (dry)	0.15			3	11	44			
VC	0431 Squash, summer	0.02			CXL	94	28		1997	
VC	0431 Squash, summer	0.2			3	11	44			
VO	0447 Sweet corn (corn-on-the-cob)	0.1			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.
VO	0447 Sweet corn (corn-on-the-cob)	0.6			3	11	44			
VO	0448 Tomato	0.2			CXL	94	28		1997	
VO	0448 Tomato	0.5			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.

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO	0448	Tomato			3	11	44			
TN	0085	Tree nuts			3	11	44			
GC	0653	Triticale			3	11	44			
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	94	28		1997	
GC	0654	Wheat			3	11	44			
AS	0654	Wheat straw and fodder, Dry			CXL	94	28		1997	
AS	0654	Wheat straw and fodder, Dry			3	11	44			



**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			CXL	94	28			1997
VL	0483	Lettuce, Leaf			CXL	94	28			1997
VR	0589	Potato			CXL	94	28			1997
VR	0494	Radish			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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 0226	Apple pomace, Dry	5			CXL	95,96	30	29	1999	
VS 0620	Artichoke, Globe	0.1			CXL	95,96	30	29	1999	
FI 0327	Banana	0.2			CXL	95,96	30	29	1999	
MO 1280	Cattle kidney	0.02		(*)	CXL	95,96	30	29	1999	
MO 1281	Cattle liver	0.05			CXL	95,96	30	29	1999	
MM 0812	Cattle meat	0.02		(*)	CXL	95,96	30	29	1999	
FS 0013	Cherries	1			CXL	95,96	30	29	1999	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.2			CXL	95,96	30	29	1999	
FB 0269	Grapes	0.3			CXL	95,96	30	29	1999	
DH 1100	Hops, Dry	5			CXL	96	30		1999	
VC 0046	Melons, except watermelon	0.05			CXL	95,96	30	29	1999	
FS 0247	Peach	0.5			CXL	95,96	30	29	1999	
TN 0672	Pecan	0.02		(*)	CXL	95,96	30	29	1999	
HS 0444	Peppers Chili, dried	5			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.5			CXL	95,96	30	29	1999	
FP 0009	Pome fruits	0.3			CXL	95,96	30	29	1999	
FB 0275	Strawberry	1	T		CXL	95,96	30		1999	

**193 Fenpyroximate**

Main Uses: Acaricide

JMPR: 95, 99R, 04T, 07T

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

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

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

Note: Previous ARfD 0.01 (2004) changed in 2007. The Committee decided to return for the second time the MRLs for apple and grapes to Step 6 because of acute intake concerns for children and the general population (grapes only) (37-160). The Committee decided to return the draft MRLs for grapes and apple to Step 6 because of acute intake concerns, awaiting the outcome of the 2007 JMPR evaluation (ARfD) (38-119). The Committee decided to return the draft MRLs for apple and grapes to Step 6 because of acute intake concerns, awaiting the outcome of the 2007 JMPR review of the ARfD (39-115).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 1280	Cattle kidney	0.01 (*)			CXL	99	34	33	2003	
MO 1281	Cattle liver	0.01 (*)			CXL	99	34	33	2003	
MM 0812	Cattle meat	0.02 (fat)			CXL	99	37	34-36	2005	
ML 0812	Cattle milk	0.005 (*) F			CXL	99	37	34-36	2005	
FC 0001	Citrus fruits	0.5			CXL	10	43		2011	
VC 0424	Cucumber	0.03			CXL	10	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	10	43		2011	
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	
VC 0046	Melons, except watermelon	0.05 (*)			CXL	10	43		2011	
HS 0444	Peppers Chili, dried	1			CXL	10	43		2011	
FP 0009	Pome fruits	0.3			CXL	10	43		2011	
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	Intake concern expressed by the EU (42-65)
VP 0061	Beans, except broad bean and soya bean	0.5			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
VD 0524	Chick-pea (dry)	0.05			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
FC 0001	Citrus fruits	0.02 (*)			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
SB 0716	Coffee beans	0.02 (*)			CXL	09	42		2010	
SO 0691	Cotton seed	0.7			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
MO 0105	Edible offal (mammalian)	2			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
PE 0112	Eggs	0.1			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
AM 1051	Fodder beet	0.4			CXL	09	43		2011	
FB 0269	Grapes	0.02 (*)			CXL	09	42		2011	Intake concern expressed by the EU (42-65)
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
FM 0183	Milk fats	7			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
ML 0106	Milks	0.3			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
VA 0385	Onion, Bulb	0.2			CXL	09	42		2010	
AL 0697	Peanut fodder	5			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
VD 0072	Peas (dry)	0.2			CXL	09	43		2011	Intake concern expressed by the EU (42-65)

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Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0063	Peas (pods and succulent=immature seeds)	0.7			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
VP 0064	Peas, Shelled (succulent seeds)	1			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
FP 0009	Pome fruits	0.02 (*)			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
PM 0110	Poultry meat	0.7 (fat)			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
PO 0111	Poultry, Edible offal of	0.7			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
SO 0495	Rape seed	3			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
VD 0541	Soya bean (dry)	2			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
FS 0012	Stone fruits	0.02 (*)			CXL	09	42		2010	
VR 0596	Sugar beet	0.4			CXL	09	43		2011	Intake concern expressed by the EU (42-65)
SO 0702	Sunflower seed	0.3			CXL	09	43		2011	Intake concern expressed by the EU (42-65)

**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 Codex 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			CXL 01		36	34,35	2004	
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: 97 (02R)

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

Acute RfD: N/A

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: fenbuconazole. 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			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
AB 0226	Apple pomace, Dry	1			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
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	
AS 0640	Barley straw and fodder, Dry	3			CXL	97	32	31	2001	
FB 0020	Blueberries	0.5			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
MF 0812	Cattle fat	0.05 (*)			CXL	97	32	31	2001	Replaced by commodity group MRL. Withdrawal recommended (JMPR 2009).
MO 1280	Cattle kidney	0.05 (*)			CXL	97	32	31	2001	Replaced by commodity group MRL. Withdrawal recommended (JMPR 2009).
MO 1281	Cattle liver	0.05			CXL	97	32	31	2001	Replaced by commodity group MRL. Withdrawal recommended (JMPR 2009).
MM 0812	Cattle meat	0.05 (*)			CXL	97	32	31	2001	Replaced by commodity group MRL. Withdrawal recommended (JMPR 2009).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013	Cherries	1		CXL	97	31		1999	
FB	0265	Cranberry	1		7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
VC	0424	Cucumber	0.2		CXL	97	31		1999	
MO	0105	Edible offal (mammalian)	0.1		7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
PE	0112	Eggs	0.01	(*)	CXL	09	42		2010	
FB	0269	Grapes	1		CXL	97	31		1999	
MM	0095	Meat (from mammals other than marine mammals)	0.01		7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
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		7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
AL	0697	Peanut fodder	15		7	09	43			The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
VO	0051	Peppers	0.6		7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).

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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			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
FS	0014	Plums (including prunes)			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
FP	0009	Pome fruits			CXL	97	31		1999	
FP	0009	Pome fruits			7	09	43			The issues raised by Australia as to whether an ARfD was needed. (42-68). The Committee decided to retain the draft MRL at Step 7, awaiting ARfD evaluation by 2012 JMPR (43-57).
PM	0110	Poultry meat			CXL	09	42			2010
PO	0111	Poultry, Edible offal of			CXL	09	42			2010
SO	0495	Rape seed			CXL	97	32	31		2001
GC	0650	Rye			CXL	97	31			1999
VC	0431	Squash, summer			CXL	97	31			1999
SO	0702	Sunflower seed			CXL	97	31			1999
TN	0085	Tree nuts			CXL	09	42			2010
GC	0654	Wheat			CXL	97	31			1999
AS	0654	Wheat straw and fodder, Dry			CXL	97	31			1999

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	Commodity 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: Definition of the 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	01	35	34	2003	Withdrawal recommended by 2011 JMPR. The recommendation for almond hulls is withdrawn as the commodity is not traded.
TN 0660	Almonds	0.01 (*)			CXL	01	35	34	2003	
FP 0226	Apple	0.1			CXL	01	36	34,35	2004	
FB 0264	Blackberries	1			3	11	44			
FB 0020	Blueberries	0.4			3	11	44			
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	



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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			3	11	44			
FB	0266 Dewberries (including boysenberry and loganberry)	1			3	11	44			
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	
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			3	11	44			
FI	0351 Passion fruit	0.7			3	11	44			
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			3	11	44			
VD	0541 Soya bean (dry)	0.01		(*)	CXL	01	35	34	2003	
VA	0389 Spring Onion	4			3	11	44			
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			3	11	44			
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: 02, 04R

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0691	Cotton seed	0.05			7	02	43			Awaiting information next year on the status of the fenvalerate phase-out (42-70).
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			7	02	43			Awaiting information next year on the status of the fenvalerate phase-out (42-70).
GC 0654	Wheat	0.05			7	02	43			Awaiting information next year on the status of the fenvalerate phase-out (42-70).
AS 0654	Wheat straw and fodder, Dry	2			CXL	02	36	35	2004	

**205 Flutolanil**

Main Uses: Fungicide

JMPR: 02

ADI: 0.09 mg/kg body weight (2002)

Acute RfD: Unnecessary (2002)

Residue: For plant commodities: flutolanil. For animal commodities, flutolanil and transformation products containing the 2-trifluoromethyl-benzoic acid moiety, expressed as flutolanil.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
PE 0112	Eggs	0.05 (*)			CXL	02	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.1			CXL	02	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	0.2			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	
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: 01T, 02R, 06R

ADI: 0-0.06 mg/kg body weight (2002, confirmed 2006)

Acute RfD: 0.4 mg/kg body weight, confirmed 2006 (2002)

Residue: For compliance with MRLs and estimation of dietary intake: sum of imidacloprid and its metabolites containing the 6-chloropyridinyl moiety.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	5			CXL 08		41		2009	
FP 0226	Apple	0.5			CXL 02		36	35	2004	
AB 0226	Apple pomace, Dry	5			CXL 02		36	35	2004	
FS 0240	Apricot	0.5			CXL 02		36	35	2004	
FI 0327	Banana	0.05			CXL 02		36	35	2004	
AS 0640	Barley straw and fodder, Dry	1			CXL 02		36	35	2004	
VP 0061	Beans, except broad bean and soya bean	2			CXL 02		36	35	2004	
FB 0018	Berries and other small fruits	5		Except cranberries, grapes and strawberries.	CXL 08		41		2009	
VB 0400	Broccoli	0.5			CXL 02		36	35	2004	
VB 0402	Brussels sprouts	0.5			CXL 02		36	35	2004	
VB 0041	Cabbages, Head	0.5			CXL 02		36	35	2004	
VB 0404	Cauliflower	0.5			CXL 02		36	35	2004	
GC 0080	Cereal grains	0.05			CXL 02		36	35	2004	
FS 0244	Cherry, Sweet	0.5			CXL 02		38	35,36	2006	
FC 0001	Citrus fruits	1			CXL 02		36	35	2004	
AB 0001	Citrus pulp, Dry	10			CXL 02		36	35	2004	
SB 0716	Coffee beans	1			CXL 08		41		2009	
FB 0265	Cranberry	0.05 (*)			CXL 06		39		2007	
VC 0424	Cucumber	1			CXL 02		36	35	2004	
MO 0105	Edible offal (mammalian)	0.3			CXL 08		41		2009	
VO 0440	Egg plant	0.2			CXL 02		36	35	2004	
PE 0112	Eggs	0.02			CXL 08		41		2009	
FB 0269	Grapes	1			CXL 02		36	35	2004	
DH 1100	Hops, Dry	10			CXL 02		36	35	2004	
VA 0384	Leek	0.05 (*)			CXL 02		36	35	2004	
VL 0482	Lettuce, Head	2			CXL 02		36	35	2004	
AS 0645	Maize fodder (dry)	0.2			CXL 02		36	35	2004	
FI 0345	Mango	0.2			CXL 02		36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL 08		41		2009	
VC 0046	Melons, except watermelon	0.2			CXL 02		36	35	2004	
ML 0106	Milks	0.1			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									
FS	0245	Nectarine	0.5		CXL	02	36	35	2004	
AS	0647	Oat straw and fodder, Dry	1		CXL	02	36	35	2004	
VA	0385	Onion, Bulb	0.1		CXL	02	36	35	2004	
FS	0247	Peach	0.5		CXL	02	36	35	2004	
SO	0697	Peanut	1		CXL	08	41		2009	
AL	0697	Peanut fodder	30		CXL	08	41		2009	
FP	0230	Pear	1		CXL	02	36	35	2004	
VD	0072	Peas (dry)	2		CXL	08	41		2009	
VP	0063	Peas (pods and succulent=immature seeds)	5		CXL	08	41		2009	
VP	0064	Peas, Shelled (succulent seeds)	2		CXL	08	41		2009	
TN	0672	Pecan	0.05		CXL	02	36	35	2004	
VO	0051	Peppers	1		CXL	02	36	35	2004	
HS	0444	Peppers Chili, dried	10		CXL	04	38	37	2006	
FS	0014	Plums (including prunes)	0.2		CXL	02	36	35	2004	
FI	0355	Pomegranate	1		CXL	08	41		2009	
PM	0110	Poultry meat	0.02		CXL	08	41		2009	
PO	0111	Poultry, Edible offal of	0.05		CXL	08	41		2009	
VL	0494	Radish leaves (including radish tops)	5		CXL	08	41		2009	
SO	0495	Rape seed	0.05	(*)	CXL	02	36	35	2004	
VR	0075	Root and tuber vegetables	0.5		CXL	08	41		2009	
AS	0650	Rye straw and fodder, Dry	1		CXL	02	36	35	2004	
VC	0431	Squash, summer	1		CXL	02	36	35	2004	
FB	0275	Strawberry	0.5		CXL	08	41		2009	
SO	0702	Sunflower seed	0.05	(*)	CXL	08	41		2009	
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	02	36	35	2004	
VO	0448	Tomato	0.5		CXL	02	36	35	2004	
TN	0085	Tree nuts	0.01		CXL	07	41		2009	
VC	0432	Watermelon	0.2		CXL	02	36	35	2004	
CM	0654	Wheat bran, Unprocessed	0.3		CXL	02	36	35	2004	
CF	1211	Wheat flour	0.03		CXL	02	36	35	2004	
AS	0654	Wheat straw and fodder, Dry	1		CXL	02	36	35	2004	

**207 Cyprodinil**

Main Uses: Fungicide

JMPR: 03

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

Acute RfD: Unnecessary (2003)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: cyprodinil. 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	0.05 (*)			CXL	03	37	36	2005	
TN 0660	Almonds	0.02 (*)			CXL	03	37	36	2005	
FP 0226	Apple	0.05			CXL	03	37	36	2005	
GC 0640	Barley	3			CXL	03	37	36	2005	
VP 0061	Beans, except broad bean and soya bean	0.5			CXL	03	37	36	2005	
VC 0424	Cucumber	0.2			CXL	03	37	36	2005	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	03	37	36	2005	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	03	37	36	2005	
VO 0440	Egg plant	0.2			CXL	03	37	36	2005	
PE 0112	Eggs	0.01 (*)			CXL	03	37	36	2005	
FB 0269	Grapes	3			CXL	03	37	36	2005	
VL 0482	Lettuce, Head	10			CXL	03	37	36	2005	
VL 0483	Lettuce, Leaf	10			CXL	03	37	36	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	03	37	36	2005	
ML 0106	Milks	0.0004 (*) F		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).	CXL	03	37	36	2005	
VA 0385	Onion, Bulb	0.3			CXL	03	37	36	2005	
FP 0230	Pear	1			CXL	03	37	36	2005	
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.5			CXL	03	37	36	2005	

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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	0.01	(*) (fat)	CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	03	37	36	2005	
DF	0014	Prunes	5		CXL	03	37	36	2005	
FB	0272	Raspberries, Red, Black	0.5		CXL	03	37	36	2005	
VC	0431	Squash, summer	0.2		CXL	03	37	36	2005	
FS	0012	Stone fruits	2		CXL	03	37	36	2005	
AS	0081	Straw and fodder (dry) of cereal grains	10		CXL	03	37	36	2005	
FB	0275	Strawberry	2		CXL	03	37	36	2005	
VO	0448	Tomato	0.5		CXL	03	37	36	2005	
GC	0654	Wheat	0.5		CXL	03	37	36	2005	
CM	0654	Wheat bran, Unprocessed	2		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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	03	37	36	2005	
AS 0640	Barley straw and fodder, Dry	5			CXL	03	37	36	2005	
VC 0424	Cucumber	0.2			CXL	03	37	36	2005	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	03	37	36	2005	
MO 0105	Edible offal (mammalian)	0.5			CXL	03	37	36	2005	
PE 0112	Eggs	0.01		(*)	CXL	03	37	36	2005	
AB 0269	Grape pomace, Dry	7			CXL	03	37	36	2005	
FB 0269	Grapes	2			CXL	03	37	36	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.5		(fat)	CXL	03	37	36	2005	
ML 0106	Milks	0.03		F	CXL	03	37	36	2005	
VR 0589	Potato	0.02		(*)	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	
VC 0431	Squash, summer	0.2			CXL	03	37	36	2005	
VO 0448	Tomato	2			CXL	03	37	36	2005	
GC 0654	Wheat	0.1			CXL	03	37	36	2005	
CM 0654	Wheat bran, Unprocessed	0.2			CXL	03	37	36	2005	
AS 0654	Wheat straw and fodder, Dry	7			CXL	03	37	36	2005	



**209 Methoxyfenozide**

Main Uses: Insecticide

JMPR: 03, 06R

ADI: 0-0.1 mg/kg body weight (2003, confirmed 2006)

Acute RfD: 0.9 mg/kg body weight (2009)

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 classed 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 the 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	0.7			CXL	09	42		2010	
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)	0.1			CXL	09	42		2010	
PE 0112	Eggs	0.01			CXL	03	37	36	2005	
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			CXL	03	37	36	2005	dry wt

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	09	42		2010	
ML 0106	Milks	0.05			CXL	09	42		2010	
VL 0485	Mustard greens	30			CXL	03	37	36	2005	
FI 0350	Papaya	1			CXL	09	42		2010	
SO 0697	Peanut	0.03			CXL	09	42		2010	
AL 0697	Peanut fodder	80			CXL	09	42		2010	
OR 0697	Peanut oil, Edible	0.1			CXL	09	42		2010	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	09	42		2010	
VO 0051	Peppers	2			CXL	03	37	36	2005	
HS 0444	Peppers Chili, dried	20			CXL	04	38	37	2006	
FP 0009	Pome fruits	2			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	
DF 0014	Prunes	2			CXL	03	37	36	2005	
VR 0494	Radish	0.4			CXL	09	42		2010	
VL 0494	Radish leaves (including radish tops)	7			CXL	09	42		2010	
FS 0012	Stone fruits	2			CXL	03	37	36	2005	
FB 0275	Strawberry	2			CXL	09	42		2010	
VR 0596	Sugar beet	0.3			CXL	09	42		2010	
VO 0447	Sweet corn (corn-on-the-cob)	0.02	(*)		CXL	03	37	36	2005	
VR 0508	Sweet potato	0.02			CXL	09	42		2010	
VO 0448	Tomato	2			CXL	03	37	36	2005	
TN 0085	Tree nuts	0.1			CXL	03	37	36	2005	

**210 Pyraclostrobin**

Main Uses: Fungicide

JMPR: 03T, 04R, 06R

ADI: 0-0.03 mg/kg body weight 2011

Acute RfD: 0.05 mg/kg body weight (2011)

Residue: Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: pyraclostrobin.  
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	30			3	11	44			
AM 0660	Almond hulls	2			CXL	04	38	37	2006	Withdrawal recommended by 2011 JMPR. The recommendation for almond hulls is withdrawn as the commodity is not traded.
TN 0660	Almonds	0.02 (*)			CXL	04	38	37	2006	
FP 0226	Apple	0.5			CXL	06	39		2007	
VS 0620	Artichoke, Globe	2			3	11	44			
FI 0327	Banana	0.02 (*)			CXL	04	38	37	2006	
GC 0640	Barley	0.5			CXL	04	38	37	2006	
GC 0640	Barley	1			3	11	44			
VD 0071	Beans (dry)	0.2			CXL	04	38	37	2006	
FB 0264	Blackberries	3			3	11	44			
FB 0020	Blueberries	1			CXL	04	38	37	2006	
FB 0020	Blueberries	4			3	11	44			
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			3	11	44			
FC 0001	Citrus fruits	1			CXL	04	38	37	2006	
FC 0001	Citrus fruits	2			3	11	44			
SB 0716	Coffee beans	0.3			CXL	06	39		2007	
VC 0424	Cucumber	0.5			CXL	06	39		2007	Withdrawal recommended by 2011 JMPR. The recommendations for cucumber, melons and squash are withdrawn to be replaced by a recommendation for Fruiting vegetables, Cucurbits.

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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)	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	
AV	1051	Fodder beet leaves or tops	50		5	04	37		2005	
VC	0045	Fruiting vegetables, Cucurbits	0.5		3	11	44			
VA	0381	Garlic	0.05	(*)	CXL	04	38	37	2006	
VA	0381	Garlic	0.15		3	11	44			
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)	1		CXL	06	39		2007	
VA	0384	Leek	0.7		CXL	06	39		2007	
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		3	11	44			
GC	0647	Oats	0.5		CXL	04	38	37	2006	
GC	0647	Oats	1		3	11	44			
SO	0089	Oilseed, except peanut	0.4		3	11	44			
VA	0385	Onion, Bulb	0.2		CXL	04	38	37	2006	
VA	0385	Onion, Bulb	1.5		3	11	44			
OR	0004	Orange oil, edible	10		3	11	44			
FI	0350	Papaya	0.05	(*)	CXL	04	38	37	2006	
FI	0350	Papaya	0.15		3	11	44			
AL	0072	Pea hay or pea fodder (dry)	30		CXL	04	38	37	2006	
FS	0247	Peach	0.3		3	11	44			
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	

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0672	Pecan	0.02 (*)			CXL 04		38	37	2006	Withdrawal recommended by 2011 JMPR. The recommendations for almonds and pecan are withdrawn to be replaced by a recommendation for Tree nuts.
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			3 11		44			
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	2			CXL 06		39		2007	
FB 0272	Raspberries, Red, Black	3			3 11		44			
GC 0650	Rye	0.2			3 11		44			
GC 0651	Sorghum	0.5			3 11		44			
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			3 11		44			
VC 0431	Squash, summer	0.3			CXL 04		38	37	2006	Withdrawal recommended by 2011 JMPR. The recommendations for cucumber, melons and squash are withdrawn to be replaced by a recommendation for Fruiting vegetables, Cucurbits.
FS 0012	Stone fruits	1			CXL 06		39		2007	
AS 0081	Straw and fodder (dry) of cereal grains	30			CXL 04		38	37	2006	
FB 0275	Strawberry	0.5			CXL 04		38	37	2006	
FB 0275	Strawberry	1.5			3 11		44			
VR 0596	Sugar beet	0.2			CXL 04		38	37	2006	
SO 0702	Sunflower seed	0.3			CXL 06		39		2007	Withdrawal recommended by 2011 JMPR. The recommendation for sunflower seed is withdrawn to be replaced by a recommendation for Oilseed
VO 0448	Tomato	0.3			CXL 04		38	37	2006	
TN 0085	Tree nuts	0.02 (*)			3 11		44			
GC 0653	Triticale	0.2			3 11		44			
GC 0654	Wheat	0.2			CXL 04		38	37	2006	

**211 Fludioxonil**

Main Uses: Fungicide

JMPR: 04,06R

ADI: 0-0.4 mg/kg body weight 2004

Acute RfD: Unnecessary

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 metabolites determined as 2,2-difluoro-1,3-benzodioxole-4-carboxylic acid and calculated 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	
HH 0722	Basil	10			CXL 04		38	37	2006	
DH 0722	Basil, dry	50			CXL 04		38	37	2006	
VD 0071	Beans (dry)	0.07			CXL 04		38	37	2006	
VP 0061	Beans, except broad bean and soya bean	0.3			CXL 04		38	37	2006	
VP 0062	Beans, Shelled	0.03			CXL 04		38	37	2006	
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		38	37	2006	
DH 0727	Chives, dry	50			CXL 04		38	37	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	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL 04		38	37	2006	
VO 0440	Egg plant	0.3			CXL 04		38	37	2006	
PE 0112	Eggs	0.05		(*)	CXL 04		38	37	2006	
FB 0269	Grapes	2			CXL 04		38	37	2006	
FI 0341	Kiwifruit	15		Po	CXL 04		38	37	2006	
VL 0482	Lettuce, Head	10			CXL 04		38	37	2006	

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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		38	37	2006	
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 0445	Peppers, Sweet (including pimento or pimiento)	1			CXL 04		38	37	2006	
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	
PM 0110	Poultry meat	0.01 (*)			CXL 04		38	37	2006	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL 04		38	37	2006	
SO 0495	Rape seed	0.02 (*)			CXL 04		38	37	2006	
FB 0272	Raspberries, Red, Black	5			CXL 04		38	37	2006	
VD 0541	Soya bean (dry)	0.01		I	CXL 04		37		2005	
VC 0431	Squash, summer	0.3			CXL 04		38	37	2006	
FS 0012	Stone fruits	5	Po		CXL 04		38	37	2006	
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	
SO 0702	Sunflower seed	0.01		I	CXL 04		37		2005	
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	
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: 04

ADI: 0-0.08 mg/kg body weight (2004) for metalaxyl-M + metalaxyl

Acute RfD: Unnecessary (2004)

Residue: Residue (of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in plant commodities: metalaxyl. Residue (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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.02 (*)			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
SB 0715	Cacao beans	0.02			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
FB 0269	Grapes	1			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
VL 0482	Lettuce, Head	0.5			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
VA 0385	Onion, Bulb	0.03			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.5			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013
VR 0589	Potato	0.02 (*)			7	04	43			Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013



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

**213 Trifloxystrobin**

Main Uses: Fungicide

JMPR: 04

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

Acute RfD: Unnecessary (2004)

Residue: In plant commodities for compliance with MRLs: trifloxystrobin; for estimation of dietary intake: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxyethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin. Residue in animal commodities for compliance with MRLs and estimation of dietary intake: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxyethyl]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	
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	
AB 0001	Citrus pulp, Dry	1			CXL	04	38	37	2006	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
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	
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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 pimiento)	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	
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	0.2			CXL 04		38	37	2006	
VR 0596	Sugar beet	0.05	I		CXL 04		38	37	2005	
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0061	Bean fodder	0.01 (*)			CXL	05	38		2006	
VD 0071	Beans (dry)	0.01 (*)			CXL	05	38		2006	
VR 0574	Beetroot	0.01 (*)			CXL	05	38		2006	
PE 0112	Eggs	0.01 (*)			CXL	05	38		2006	
AM 1051	Fodder beet	0.01 (*)			CXL	05	38		2006	
VA 0381	Garlic	0.01 (*)			CXL	05	38		2006	
GC 0645	Maize	0.01 (*)			CXL	05	38		2006	
AS 0645	Maize fodder (dry)	0.01 (*)			CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	05	38		2006	
ML 0106	Milks	0.01 (*)			CXL	05	38		2006	
VA 0385	Onion, Bulb	0.01 (*)			CXL	05	38		2006	
SO 0697	Peanut	0.01 (*)			CXL	05	38		2006	
AL 0697	Peanut fodder	0.01 (*)			CXL	05	38		2006	
VR 0589	Potato	0.01 (*)			CXL	05	38		2006	
PM 0110	Poultry meat	0.01 (*)			CXL	05	38		2006	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	05	38		2006	
VA 0388	Shallot	0.01 (*)			CXL	05	38		2006	
GC 0651	Sorghum	0.01 (*)			CXL	05	38		2006	
AS 0651	Sorghum straw and fodder, Dry	0.01 (*)			CXL	05	38		2006	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	05	38		2006	
VR 0596	Sugar beet	0.01 (*)			CXL	05	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	05	38		2006	
VR 0508	Sweet potato	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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	Elderberry	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: 05, 07R

ADI: 0-0.01 mg/kg body weight The ADI and ARfD applies to indoxacarb (S-enantiomer) and it's R-enantiomer ( 2005).

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

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.

Note: Indoxacarb 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, indoxacarb MRLs for milk and milk fat are available to support "MRLs" for processed dairy products (2005).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0483	Lettuce, Leaf	15			CXL	05	39	38	2007	The Committee decided to request JMPR to conduct an alternative GAP evaluation and to retain the existing CXL in the meantime. (42-76). The Committee decided to retain existing CXL for lettuce, leaf awaiting alternative GAP review by 2011 JMPR (43-59).
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	
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	
VO 0448	Tomato	0.5			CXL	05	38		2006	

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 0226	Apple pomace, Dry	40			CXL	05	38		2006	
VD 0071	Beans (dry)	0.1			CXL	10	43		2011	
FB 0020	Blueberries	7			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.7			CXL	10	43		2011	
VL 0464	Chard	15			CXL	10	43		2011	
VP 0526	Common bean (pods and/or immature seeds)	0.7			CXL	10	43		2011	
SO 0691	Cotton seed	0.5			CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	0.7			CXL	10	43		2011	
PE 0112	Eggs	0.1			CXL	10	43		2011	
VO 0050	Fruiting vegetables other than cucurbits	0.7		Except sweet corn.	CXL	10	43		2011	
VC 0045	Fruiting vegetables, Cucurbits	0.2			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 (diazene-carboxylic acid, 2-(4-methoxy-[1,1'-biphenyl-3-yl] 1-methylethyl ester), expressed as bifenazate. The residue is

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.1			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.05		Except kidney	CXL	07	40		2008	
PE 0112	Eggs	0.01 (*)			CXL	07	40		2008	
AS 0164	Fodder (dry) of cereal grains	3			CXL	07	40		2008	
AS 0162	Hay or fodder (dry) of grasses	70			CXL	07	40		2008	
MO 0098	Kidney of cattle, goats, pigs and sheep	1			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	07	40		2008	
ML 0106	Milks	0.02			CXL	07	40		2008	
GC 0647	Oats	0.1			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	
AS 0163	Straw of cereal grains	0.3			CXL	07	40		2008	
GC 0653	Triticale	0.1			CXL	07	40		2008	
GC 0654	Wheat	0.1			CXL	07	40		2008	
CM 0654	Wheat bran, Unprocessed	0.3			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	
AB 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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DH	1100	Hops, Dry			CXL	10	43		2011	
FI	0341	Kiwifruit			CXL	09	42		2010	
VL	0053	Leafy vegetables			CXL	10	43		2011	
VP	0060	Legume vegetables			CXL	09	42		2010	
MM	0095	Meat (from mammals other than marine mammals)		(fat)	CXL	09	42		2010	
FM	0183	Milk fats			CXL	09	42		2010	
ML	0106	Milks			CXL	09	42		2010	
AS	0647	Oat straw and fodder, Dry		dry wt	CXL	09	42		2010	
GC	0647	Oats			CXL	09	42		2010	
SO	0088	Oilseed			CXL	09	42		2010	
HS	0444	Peppers Chili, dried			CXL	09	42		2010	
TN	0675	Pistachio nuts			CXL	09	42		2010	
PF	0111	Poultry fats			CXL	09	42		2010	
PM	0110	Poultry meat			CXL	09	42		2010	
PO	0111	Poultry, Edible offal of			CXL	09	42		2010	
DF	0014	Prunes			CXL	09	42		2010	
VD	0070	Pulses			CXL	09	42		2010	
VR	0075	Root and tuber vegetables			CXL	09	42		2010	
GC	0650	Rye			CXL	09	42		2010	
AS	0650	Rye straw and fodder, Dry		dry wt	CXL	09	42		2010	
VS	0078	Stalk and Stem Vegetables			CXL	10	43		2011	
FS	0012	Stone fruits			CXL	09	42		2010	
AS	0081	Straw and fodder (dry) of cereal grains		dry wt	Except straw and fodder of barley, oats, rye and wheat.	CXL	09	42	2010	
FB	0275	Strawberry			CXL	09	42		2010	
TN	0085	Tree nuts		(*)	Except pistachio.	CXL	09	42	2010	
GC	0654	Wheat			CXL	09	42		2010	
AS	0654	Wheat straw and fodder, Dry		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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 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	
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: 07

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-ethano), expressed as difenoconazole. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 0400	Broccoli	0.5			CXL	07	40		2008	
VB 0402	Brussels sprouts	0.2			CXL	07	40		2008	
VB 0041	Cabbages, Head	0.2			CXL	07	40		2008	
VR 0577	Carrot	0.2			CXL	07	40		2008	
VB 0404	Cauliflower	0.2			CXL	07	40		2008	
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	
MO 0105	Edible offal (mammalian)	0.2			CXL	10	43		2011	
PE 0112	Eggs	0.01		(*)	CXL	07	40		2008	
VA 0381	Garlic	0.02		(*)	CXL	07	40		2008	
VR 0604	Ginseng	0.5			CXL	10	43		2011	
FB 0269	Grapes	0.1			CXL	07	40		2008	
VA 0384	Leek	0.3			CXL	07	40		2008	
VL 0482	Lettuce, Head	2			CXL	07	40		2008	
VL 0483	Lettuce, Leaf	2			CXL	07	40		2008	
FI 0345	Mango	0.07			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.
ML 0106	Milks	0.005		(*)	CXL	10	43		2011	The maximum residue limit recommended by the 2007 JMPR remained the same.



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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0245	Nectarine			CXL	07	40		2008	
FT	0305	Olives			CXL	07	40		2008	
FI	0350	Papaya			CXL	07	40		2008	
FI	0350	Papaya			6	10	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 (2010 JMPR). The CCPR decided to advance the proposed draft MRL for papaya to Step 5 awaiting authorized GAP to be submitted by Kenya (43-66).
FI	0351	Passion fruit			CXL	10	43		2011	
FS	0247	Peach			CXL	07	40		2008	
VP	0063	Peas (pods and succulent=immature seeds)			CXL	10	43		2011	
FS	0014	Plums (including prunes)			CXL	07	40		2008	
FP	0009	Pome fruits			CXL	07	40		2008	
VR	0589	Potato			CXL	07	40		2008	
PM	0110	Poultry meat		(*) (fat)	CXL	07	40		2008	
PO	0111	Poultry, Edible offal of		(*)	CXL	07	40		2008	
SO	0495	Rape seed			CXL	07	40		2008	
VD	0541	Soya bean (dry)		(*)	CXL	07	40		2008	
VR	0596	Sugar beet			CXL	07	40		2008	
SO	0702	Sunflower seed			CXL	07	40		2008	
VO	0448	Tomato			CXL	07	40		2008	
TN	0085	Tree nuts			CXL	10	43		2011	
GC	0654	Wheat		(*)	CXL	07	40		2008	
AS	0654	Wheat straw and fodder, Dry			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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			CXL	07	40		2008	Except fungi, edible; mushrooms and sweet corn (corn-on-the-cob and kernels)
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: 07

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

Acute RfD: Unnecessary (2007)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: pyrimethanil For compliance with MRLs for milk: the sum of pyrimethanil and 2-anilino-4,6-dimethylpyrimidin-5-ol, expressed as pyrimethanil, and for livestock tissues (excluding poultry) is the sum of pyrimethanil and 2-(4-hydroxyanilino)-4,6-dimethylpyrimidine, expressed as pyrimethanil.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
FB 0269	Grapes	4			CXL 07		40		2008	
VL 0482	Lettuce, Head	3			CXL 07		40		2008	
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	
VR 0589	Potato	0.05	(*)		CXL 07		40		2008	
VA 0389	Spring Onion	3			CXL 07		40		2008	
FB 0275	Strawberry	3			CXL 07		40		2008	
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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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:

ADI: 0-0.02 mg/kg body weight 2011

Acute RfD: Unnecessary (2011)

Residue: Definition of the residue (for compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): azoxystrobin.

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	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	
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	
VS 0624	Celery	5			CXL	08	41		2009	
FC 0001	Citrus fruits	15			CXL	08	41		2009	
SB 0716	Coffee beans	0.02			3	11	44			
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			3	11	44			
DM 0604	Ginseng, processed products	0.5			3	11	44			
FB 0269	Grapes	2			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									
HH	0092	Herbs			CXL	08	41		2009	
DH	1100	Hops, Dry			CXL	08	41		2009	
VP	0060	Legume vegetables			CXL	08	41		2009	
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	
FI	0350	Papaya			CXL	08	41		2009	
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	
PM	0110	Poultry meat		(*)	CXL	08	41		2009	
PO	0111	Poultry, Edible offal of		(*)	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	
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	
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: 08

ADI: 0-2 mg/kg body weight

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	50			CXL	10	43		2011	
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	
VS 0624	Celery	7			CXL	08	41		2009	
GC 0080	Cereal grains	0.02			CXL	08	41		2009	
FC 0001	Citrus fruits	0.5			CXL	10	43		2011	
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	
VO 0050	Fruiting vegetables other than cucurbits	0.6			CXL	08	41		2009	
VC 0045	Fruiting vegetables, Cucurbits	0.3			CXL	08	41		2009	
VL 0053	Leafy vegetables	20			CXL	08	41		2009	
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	
HS 0444	Peppers Chili, dried	5			CXL	08	41		2009	
FP 0009	Pome fruits	0.4			CXL	08	41		2009	
PM 0110	Poultry meat	0.01	(*) (fat)		CXL	08	41		2009	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	10	43		2011	
VR 0075	Root and tuber vegetables	0.02			CXL	08	41		2009	
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	
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

ADI: 0 - 0.2 mg/kg body weight

Acute RfD: Unnecessary

Residue: Mandipropamid

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
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: the 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:

ADI: 0 – 0.05 mg/kg body weight

Acute RfD: Unnecessary

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	08	41		2009	
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	
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.07			CXL	08	41		2009	
FP 0009	Pome fruits	0.05			CXL	08	41		2009	
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:

ADI: 0-0.5 mg/kg body weight

Acute RfD: 1.0 mg/kg body weight (2011)

Residue: Definition of the 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.

Definition of the residue (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.

Definition of the residue (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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	08	41		2009	
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			3	11	44			
AB 1203	Cotton seed , meal	1			3	11	44			
DF 0269	Dried grapes (=currants, raisins and sultanas)	4			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.03			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	1			3	11	44			
PE 0112	Eggs	0.01			3	11	44			
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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0341	Kiwifruit	0.02	(*)	3	11	44			
VL	0053	Leafy vegetables	7		CXL	08	41		2009	
AL	0157	Legume animal feeds	30		3	11	44			
VP	0060	Legume vegetables	1.5		3	11	44			
FI	0343	Litchi	15		3	11	44			
FI	0345	Mango	0.3		3	11	44			
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*)	CXL	08	41		2009	
MM	0095	Meat (from mammals other than marine mammals)	0.05		3	11	44			
ML	0106	Milks	0.005	(*)	CXL	08	41		2009	
ML	0106	Milks	0.01		3	11	44			
VA	0385	Onion, Bulb	0.4		3	11	44			
FI	0350	Papaya	0.4		3	11	44			
VO	0444	Peppers Chili	2		CXL	08	41		2009	
HS	0444	Peppers Chili, dried	15		CXL	08	41		2009	
FP	0009	Pome fruits	0.7		CXL	2008	41		2009	
VR	0589	Potato	0.8		CXL	08	41		2009	
PM	0110	Poultry meat	0.01	(*)	3	11	44			
PO	0111	Poultry, Edible offal of	0.01		3	11	44			
DF	0014	Prunes	5		CXL	08	41		2009	
VD	0070	Pulses	2		3	11	44			except soya bean (dry)
VD	0541	Soya bean (dry)	4		3	11	44			
FS	0012	Stone fruits	3		CXL	08	41		2009	
TN	0085	Tree nuts	0.5		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	The intake concerns expressed by the EU and Switzerland. The Committee was advised that the Switzerland would submit a concern form clearly outlining their concerns over the JMPR ARfD and intake estimation. (42-83)
VS 0624	Celery	20			CXL	09	43		2011	The intake concerns expressed by the EU and Switzerland. The Committee was advised that the Switzerland would submit a concern form clearly outlining their concerns over the JMPR ARfD and intake estimation. (42-83)
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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	

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**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 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	
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 pimienta)	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, 2011

ADI: 0-0.1 mg/kg body weight 2011

Acute RfD: 0.6 mg/kg body weight (2011)

Residue: Definition of the 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, Globe	0.05	T		CXL	10	43		2011	
FI 0327	Banana	0.02	C,t		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
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		CXL	10	43		2011	
SB 0716	Coffee beans	0.05	T		CXL	10	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1	C,t		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).

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Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.02 (*)	C,t	Except liver.	6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
PE 0112	Eggs	0.01 (*)	C,t		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
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		3	10	43			Codex Sec Note: This MRL was presented for consideration by the 43/2011 CCPR but no action was taken.
FB 0269	Grapes	0.7	C,t		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
VL 0053	Leafy vegetables	2	T		CXL	10	43		2011	
VP 0060	Legume vegetables	0.01 (*)	T		CXL	10	43		2011	

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Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)	C,t		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
ML 0106	Milks	0.02			6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
SO 0088	Oilseed	0.02 (*)	c,T		CXL	10	43		2011	
FI 0350	Papaya	0.01 (*)	T		CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	0.2	dry wt T		CXL	10	43		2011	
TN 0672	Pecan	0.01 (*)	T		CXL	10	43		2011	
HS 0444	Peppers Chili, dried	0.5	T		CXL	10	43		2011	
FI 0353	Pineapple	0.01 (*)	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										
FP	0009	Pome fruits	0.4		C,t	6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
GC	0656	Popcorn	0.01	(*)	c,T	CXL	10	43		2011	The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
PF	0111	Poultry fats	0.01	(*)	C,t	6	10	43,44			
PM	0110	Poultry meat	0.01	(*)	C,t	6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
PO	0111	Poultry, Edible offal of	0.1		T,c	CXL	10	43		2011	
DF	0014	Prunes	0.2		c,T	CXL	10	43		2011	
VD	0070	Pulses	0.02		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									
GC	0649 Rice	0.5	C		6	10	43		2011	The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
VR	0075 Root and tuber vegetables	0.2	C,T		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
GC	0651 Sorghum	0.01 (*)	C		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
AS	0651 Sorghum straw and fodder, Dry	0.01 (*)	dry wt C		6	10	43,44			The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS	0078	Stalk and Stem Vegetables	0.04	C	Except artichoke and celery	6	10	43,44		The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
FS	0012	Stone fruits	0.2	c,T		CXL	10	43	2011	
GS	0659	Sugar cane	0.4	C		6	10	43,44		The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
VO	0447	Sweet corn (corn-on-the-cob)	0.01 (*)	C,T		6	10	43,44		The source of the residue is clothianidin, for which the residue definition is being reconsidered. The CCPR noted that clothianidin is a metabolite of thiamethoxam (245) and that new data to support a reconsideration of the residue definition were available from the manufacturer for consideration by JMPR in 2011 (43-71:72).
DT	1114	Tea, Green, Black (black, fermented and dried)	0.7	T		CXL	10	43	2011	
GC	0654	Wheat	0.02 (*)	c,T		CXL	10	43	2011	
AS	0654	Wheat straw and fodder, Dry	0.2	dry wt T,c		CXL	10	43	2011	

**239 Cyproconazole**

Main Uses: Herbicide

JMPR: 2010

ADI: 0-0.02 mg/kg body weight

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

Residue: Proposed definition of the residue (for compliance with MRL for plant commodities): cyproconazole.

Proposed definition of the residue (for compliance with MRL for animal commodities): cyproconazole.

The residue is fat-soluble.

Proposed definition of the residue (for estimation of dietary intake for plant commodities): cyproconazole.

Proposed definition of the residue (for estimation of dietary intake for animal commodities): cyproconazole, free and conjugated.

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

**240 Dicamba**

Main Uses: Herbicide

JMPR: 2010

ADI: 0-0.3 mg/kg body weight 2011

Acute RfD: 0.5 mg/kg body weight (2011)

Residue: Definition of the residue for compliance with the MRL for plant commodities: dicamba.

Definition of the residue for estimation of dietary intake for plant commodities: sum of dicamba and 5-OH dicamba expressed as dicamba.

Definition of the residue for compliance with the MRL and for estimation of dietary intake for animal commodities: sum of dicamba and 3,6-dichlorosalicylic acid (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	
VD	0541 Soya bean (dry)	5			3	11	44			
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: Definition of the 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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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			3	11	44			
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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	4			CXL	10	43		2011	
VS 0624	Celery	5			CXL	10	43		2011	
SO 0691	Cotton seed	1.5			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	1			CXL	10	43		2011	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL	10	43		2011	
FB 0269	Grapes	2			CXL	10	43		2011	
VP 0060	Legume vegetables	2			CXL	10	43		2011	
VL 0482	Lettuce, Head	5			CXL	10	43		2011	
VL 0483	Lettuce, Leaf	7			CXL	10	43		2011	
GC 0645	Maize	0.02			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

ADI: 0-0.01 mg/kg body weight

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

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: fluopyram. Definition of the residue (for compliance with the MRL) for animal commodities: Sum of fluopyram and 2-(trifluoromethyl) benzamide, expressed as fluopyram. Definition of the residue (for estimation of dietary intake) for animal commodities: Sum of fluopyram, 2-(trifluoromethyl)benzamide and the combined residues of the E-olefine and Z-olefine isomers of fluopyram, all expressed as fluopyram. Although fluopyram (parent compound) is fat-soluble, the 2-(trifluoromethyl) benzamide metabolite (the major component of the residue) is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0424	Cucumber			CXL	10	43		2011	
DF	0269	Dried grapes (=currants, raisins and sultanas)			CXL	10	43		2011	
MO	0105	Edible offal (mammalian)			CXL	10	43		2011	
FB	0269	Grapes			CXL	10	43		2011	
MM	0095	Meat (from mammals other than marine mammals)			CXL	10	43		2011	
ML	0106	Milks			CXL	10	43		2011	

**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: The sum of meptyldinocap, and the corresponding phenol 2, 4-DNOP, expressed as parent meptyldinocap.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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: Definition of the residue (for compliance with the MRL) for plant and animal commodities: thiamethoxam.

Definition of the residue (for estimation of the dietary intake) for plant and animal commodities (except poultry): thiamethoxam and clothianidin (considered separately).

Definition of the residue 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			CXL	10	43		2011	
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	

## Part 1 - 222

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML	0106	Milks			CXL	10	43		2011	
SO	0088	Oilseed		(*)	CXL	10	43		2011	
FI	0350	Papaya		(*)	CXL	10	43		2011	
AL	0072	Pea hay or pea fodder (dry)			CXL	10	43		2011	
TN	0672	Pecan		(*)	CXL	10	43		2011	
HS	0444	Peppers Chili, dried			CXL	10	43		2011	
FI	0353	Pineapple		(*)	CXL	10	43		2011	
FP	0009	Pome fruits			CXL	10	43		2011	
GC	0656	Popcorn		(*)	CXL	10	43		2011	
PM	0110	Poultry meat		(*)	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	
FS	0012	Stone fruits			CXL	10	43		2011	
VO	0447	Sweet corn (corn-on-the-cob)		(*)	CXL	10	43		2011	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL	10	43		2011	
GC	0654	Wheat			CXL	10	43		2011	
AS	0654	Wheat straw and fodder, Dry			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: Definition of the residue (for compliance with the MRL for plant commodities and for estimation of dietary intake for plant and animal commodities): acetamiprid. Definition of the residue (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. 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	0.4			3	11	44			
VP 0062	Beans, Shelled	0.3			3	11	44			
FB 0018	Berries and other small fruits	2		except grapes and strawberries	3	11	44			
VB 0041	Cabbages, Head	0.7			3	11	44			
VS 0624	Celery	1.5			3	11	44			
FS 0013	Cherries	1.5			3	11	44			
FC 0001	Citrus fruits	0.8			3	11	44			
SO 0691	Cotton seed	0.7			3	11	44			
MO 0105	Edible offal (mammalian)	0.05			3	11	44			
PE 0112	Eggs	0.01	(*)		3	11	44			
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.4			3	11	44			
VO 0050	Fruiting vegetables other than cucurbits	0.2		except sweet corn & mushrooms	3	11	44			
VC 0045	Fruiting vegetables, Cucurbits	0.2			3	11	44			
VA 0381	Garlic	0.02			3	11	44			
FB 0269	Grapes	0.5			3	11	44			
VL 0053	Leafy vegetables	3		except spinach	3	11	44			
MF 0100	Mammalian fats (except milk fats)	0.02			3	11	44			
MM 0095	Meat (from mammals other than marine mammals)	0.02			3	11	44			
ML 0106	Milks	0.02			3	11	44			
FS 0245	Nectarine	0.7			3	11	44			

Part 1 - 224

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb	0.02		3	11	44			
FS	0247	Peach	0.7		3	11	44			
VP	0064	Peas, Shelled (succulent seeds)	0.3		3	11	44			
HS	0444	Peppers Chili, dried	2		3	11	44			
FS	0014	Plums (including prunes)	0.2		3	11	44			
FP	0009	Pome fruits	0.8		3	11	44			
PM	0110	Poultry meat	0.01	(*)	3	11	44			
PO	0111	Poultry, Edible offal of	0.05	(*)	3	11	44			
DF	0014	Prunes	0.6		3	11	44			
VL	0502	Spinach	5		3	11	44			On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for Acetamiprid that the consumption of spinach was less than the ARfD.
VA	0389	Spring Onion	5		3	11	44			
FB	0275	Strawberry	0.5		3	11	44			
TN	0085	Tree nuts	0.06		3	11	44			



**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: Definition of the residue for compliance with the MRL and for estimation of dietary intake for plant commodities: emamectin B1a benzoate, expressed as emamectin (free base).

Definition of the residue 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		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	0.015			3	11	44			
VL	0510 Cos lettuce	1			3	11	44			
SO	0691 Cotton seed	0.002 (*)			3	11	44			
MO	0105 Edible offal (mammalian)	0.08			3	11	44			
VO	0050 Fruiting vegetables other than cucurbits	0.02		except sweet corn and mushrooms	3	11	44			
VC	0045 Fruiting vegetables, Cucurbits	0.007			3	11	44			
FB	0269 Grapes	0.03			3	11	44			
VL	0482 Lettuce, Head	1			3	11	44			
VL	0483 Lettuce, Leaf	1			3	11	44			
MF	0100 Mammalian fats (except milk fats)	0.02			3	11	44			
MM	0095 Meat (from mammals other than marine mammals)	0.004			3	11	44			
ML	0106 Milks	0.002			3	11	44			
VL	0485 Mustard greens	0.2			3	11	44			
FS	0245 Nectarine	0.03			3	11	44			
FS	0247 Peach	0.03			3	11	44			
HS	0444 Peppers Chili, dried	0.2			3	11	44			
FP	0009 Pome fruits	0.02			3	11	44			

**248 Flutriafol**

Main Uses: Fungicide

JMPR:

ADI: 0–0.01 mg/kg body weight 2011

Acute RfD: 0.05 mg/kg body weight (2011)

Residue: Definition of the 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			3	11	44			
SB	0716	Coffee beans			3	11	44			
DF	0269	Dried grapes (=currants, raisins and sultanas)	2		3	11	44			
FB	0269	Grapes			3	11	44			
SO	0697	Peanut			3	11	44			
AL	0697	Peanut fodder			3	11	44			
HS	0444	Peppers Chili, dried			3	11	44			
VO	0445	Peppers, Sweet (including pimento or pimiento)	1		3	11	44			
FP	0009	Pome fruits			3	11	44			
VD	0541	Soya bean (dry)			3	11	44			
GC	0654	Wheat			3	11	44			
CM	0654	Wheat bran, Unprocessed			3	11	44			
AS	0654	Wheat straw and fodder, Dry	8		3	11	44			

**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: Definition of the residue (for compliance with MRL) for plant commodities: isopyrazam (sum of syn-isomer and anti-isomer).

Definition of the residue 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.

Definition of the residue (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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.06			3	11	44			
GC	0640 Barley	0.07			3	11	44			
AS	0640 Barley straw and fodder, Dry	2			3	11	44			
MO	0105 Edible offal (mammalian)	0.02			3	11	44			
PE	0112 Eggs	0.01 (*)			3	11	44			
MF	0100 Mammalian fats (except milk fats)	0.01 (*)			3	11	44			
MM	0095 Meat (from mammals other than marine mammals)	0.01 (*)			3	11	44			
FM	0183 Milk fats	0.02			3	11	44			
ML	0106 Milks	0.01 (*)			3	11	44			
PF	0111 Poultry fats	0.01 (*)			3	11	44			
PM	0110 Poultry meat	0.01 (*)			3	11	44			
PO	0111 Poultry, Edible offal of	0.01 (*)			3	11	44			
GC	0650 Rye	0.03			3	11	44			
AS	0650 Rye straw and fodder, Dry	3			3	11	44			
GC	0653 Triticale	0.03			3	11	44			
AS	0653 Triticale straw and fodder, Dry	3			3	11	44			
GC	0654 Wheat	0.03			3	11	44			
CM	0654 Wheat bran, Unprocessed	0.15			3	11	44			
AS	0654 Wheat straw and fodder, Dry	3			3	11	44			

**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: Definition of the residue( for compliance with MRL) for plant commodities: propylene oxide.

Definition of the residue (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:

ADI: 0-0.05 mg/kg body weight

Acute RfD: Unnecessary (2011)

Residue: Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: saflufenacil.  
The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.01			3	11	44			
AS 0640	Barley straw and fodder, Dry	0.025			3	11	44			
VD 0071	Beans (dry)	0.3			3	11	44			
GC 0080	Cereal grains	0.01			3	11	44			
FC 0001	Citrus fruits	0.01			3	11	44			
SB 0716	Coffee beans	0.01			3	11	44			
SO 0691	Cotton seed	0.2			3	11	44			
MO 0105	Edible offal (mammalian)	0.3			3	11	44			
FB 0269	Grapes	0.01			3	11	44			
AS 0645	Maize fodder (dry)	0.05			3	11	44			
MF 0100	Mammalian fats (except milk fats)	0.01			3	11	44			
MM 0095	Meat (from mammals other than marine mammals)	0.01			3	11	44			
ML 0106	Milks	0.01			3	11	44			
VD 0072	Peas (dry)	0.05			3	11	44			
VP 0063	Peas (pods and succulent=immature seeds)	0.01			3	11	44			
VP 0064	Peas, Shelled (succulent seeds)	0.01			3	11	44			
FP 0009	Pome fruits	0.01			3	11	44			
SO 0495	Rape seed	0.6			3	11	44			
AS 0651	Sorghum straw and fodder, Dry	0.025			3	11	44			
VD 0541	Soya bean (dry)	0.07			3	11	44			
VP 0541	Soya bean (immature seeds)	0.01			3	11	44			
FS 0012	Stone fruits	0.01			3	11	44			
SO 0702	Sunflower seed	0.7			3	11	44			
GC 0447	Sweet Corn	0.01			CXL	11	44			
TN 0085	Tree nuts	0.01			3	11	44			
AS 0654	Wheat straw and fodder, Dry	0.025			3	11	44			

**253 Penthiopyrad**

Main Uses: Fungicide

JMPR:

ADI: 0-0.1 mg/kg body weight 2011

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

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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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## 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VA 0035	Bulb vegetables	0.05	E		CXL		28		1997	
GC 0080	Cereal grains	0.02	E		CXL					
FC 0001	Citrus fruits	0.05	E		CXL		28		1997	
PE 0112	Eggs	0.1	E		CXL					
VC 0045	Fruiting vegetables, Cucurbits	0.1	E		CXL		28		1997	
VP 0529	Garden pea, Shelled (succulent seeds)	1	E		CXL					
VL 0053	Leafy vegetables	0.05	E		CXL		28		1997	
VP 0060	Legume vegetables	0.05	E		CXL		28		1997	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat) E		CXL					
ML 0106	Milks	0.006	F E		CXL					
FP 0009	Pome fruits	0.05	E		CXL		28		1997	
PM 0110	Poultry meat	0.2	E		CXL		28		1997	
VD 0070	Pulses	0.05	E		CXL		28		1997	
VR 0075	Root and tuber vegetables	0.1	E		CXL		28		1997	



**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-

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 the CAC an EMRL of 5 mg/kg and a level of 3 mg/kg in square brackets and to ask the CAC to take a decision regarding the level, taking into account that the CCPR would not be able to reach consensus by deferring consideration of this matter to a later session. The 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 the 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			28		1997	
PM	0110	Poultry meat	0.1	E			28		1997	

**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						CXL
FC	0001	Citrus fruits	0.01	E						CXL
SO	0691	Cotton seed	0.02	E						CXL
PE	0112	Eggs	0.05	E						CXL
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat) E						CXL
ML	0106	Milks	0.006	F E						CXL
FI	0353	Pineapple	0.01	E						CXL
PM	0110	Poultry meat	0.2	(fat) E						CXL
VP	0541	Soya bean (immature seeds)	0.02	E						CXL
OC	0541	Soya bean oil, Crude	0.5	E						CXL
OR	0541	Soya bean oil, Refined	0.02	E						CXL

## PART 3

### LIST OF PESTICIDES FOR WHICH GUIDELINE LEVELS HAVE BEEN SET

Part 3 - 1

**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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	

Part 3 - 2

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	



## MRL PERIODIC REVIEW PROCEDURE

The periodic Review Procedure consists of two distinct phases as described below:

### PHASE I

#### IDENTIFY PERIODIC REVIEW CHEMICALS AND SOLICIT DATA COMMITMENTS

(Year 1, CCPR Meeting)

##### 1. Identify Candidate Chemicals for Re-evaluation

On an annual basis the CCPR (Working Group on Priorities) lists chemicals meeting the following criteria:

- pesticide chemicals for which MRLs were first estimated more than 10 years ago; or
- pesticide chemicals for which a periodic review was conducted more than 10 years ago.

Tentative lists for several years may be prepared when feasible.

##### 2. Notify Data Owners or Other Parties of Candidate List

Governments and international organizations represented at the annual CCPR Meeting expeditiously notify current data owners (or other interested parties) of the candidate list for periodic reviews, and when available, tentative lists for the following years. A copy of the most recent procedure for periodic review is also included.

##### 3. Invite Commitment to Support Continued (or New) Codex Maximum Residue Limits (CXLs)

With their notification to data owners (or other interested parties) on the candidacy of chemicals for periodic review, governments and international organizations inquire of these parties their willingness to provide data for that review and as well as to advise them of the implications if they choose not to.

The invitation for a commitment will request a written response within six months to be provided to:

- Chairman, CCPR
- Chairman, Priorities Working Group
- JMPR Secretariats
- the requester (government or international organization representative) (Namees, titles and addresses will be provided).

The invitation will request that the following information be provided in the response:

- a. A list of all commodities for which interested parties are willing to support CXLs.
- b. A brief summary of all current Good Agricultural Practice (GAP) which they are willing to provide and which is pertinent to residue data they are willing to provide (e.g. commodities and countries for which detailed GAP summaries and representative labels can be provided).
- c. A list of all chemistry (residue, metabolism, animal transfer, processing, analytical sample storage stability, analytical methods etc.) and toxicology studies and other data that they are willing to provide (regardless of whether previously provided) and the data they commit to make complete data package submissions to the JMPR. Comments on the status of registrations for the chemicals at the national level are encouraged. Data for which a submission is committed should be identified in the response by study or report title and number, author, date.

##### 4. Repeat the Notification and Invitation

By means of a Codex Circular Letter to accompany the report of the Meeting the Secretariat will repeat the notification and request. On receipt of the request by the Circular Letter, governments and international organizations will immediately repeat their notification and invitation to identified interested parties who may not have been represented at the CCPR (they would not have received the report of the Meeting and the accompanying Circular Letter). Interested parties need only respond to one of the request, but should copy addresses listed in item 3 above.

### PHASE II

#### STATUS REPORT ON DATA COMMITMENTS AND CCPR FOLLOW-UP

(Year 2, CCPR Meeting)

1. **Status Report on Data Commitments** - The Priorities Working Group will provide a report and room document to the CCPR on the status of commitments received to provide data for each compound identified in year 1. This information will be used to schedule JMPR reviews or to make other recommendations such as withdrawal of CXLs.

## 2. Response to Data Commitments

a. If there is no commitment – to provide and identify or develop data to support current CXLs, the CXL(s) will be recommended by the CCPR for withdrawal by the next session of the Codex Alimentarius Commission.

b. If a commitment is made – to provide and identify or develop data to support current CXLs, the MRL(s) are scheduled for JMPR review. The JMPR review will result in one of the following scenarios:

- Sufficient data are submitted to confirm the CXL and it remains in place.
- Sufficient data are submitted to support a new proposed MRL, it enters the process at Step 3 and the existing CXL is deleted automatically after no more than 4 years.

Insufficient data have been submitted to support a new MRL or to confirm the existing CXL, data submitters are so advised by written notification from the FAO Joint Secretary and/or by issuance of the JMPR Report.

On being advised of the data inadequacy, data submitters may be the next CCPR Meeting, provide to the FAO and the CCPR Secretaries a written commitment to generate and submit a complete dossier of required data for review within 4 years. The CXL is maintained for no more than 4 years following advice of data inadequacy (by direct notification or by issuance of the JMPR Report). The 4 year period may be extended by the CCPR only to the extent necessary for the JMPR to schedule and complete review of the available new data. The new data are scheduled for the second JMPR review and the first part of the PHASE II 2b procedure is repeated:

- Sufficient data are submitted to confirm the CXL and it remains in place.
- Sufficient data are submitted to support a new proposed MRL, it enters the process at Step 3. The CXL is automatically deleted no more than the 4 years after the new proposal enters the process.
- Insufficient data are submitted to confirm the CXL or support a proposed MRL the CCPR recommends deletion of the CXL.

c. If the committed data are not submitted, or if the data submitted for the initial periodic review are insufficient and no commitment is made by the next CCPR Meeting to generate new data, the CCPR recommends deletion of the CXL.

SUMMARY OF PERIODIC REVIEW PROCEDURE FOR CODEX MRLS

