

codex alimentarius commission



FOOD AND AGRICULTURE
ORGANIZATION
OF THE UNITED NATIONS

WORLD
HEALTH
ORGANIZATION



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Agenda Item 5

**CX/PR 08/40/3
February 2008**

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

Fortieth Session

Hangzhou, China, 14 - 19 April 2008

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

This document contains the following:

- **Explanatory Notes**
- **Table 1** List of Pesticides Whose Maximum Residue Limits or Guidelines Levels Have Been Withdrawn by the Codex Alimentarius Commission and for Which No MRLs Have Been Proposed
- **Indices of Pesticides**
- **Part A.1** List of Maximum Residue Limits for Pesticides in Food and Animal Feeds (at various Steps of the Codex Procedure)
- **Part A.2** List of Extraneous Maximum Residue Limits for Pesticides in Food and Animal Feeds (at various Steps of the Codex Procedure)
- **Part A.3** List of Pesticides for Which Guideline Levels Have Been Set
- **ANNEX I** MRL Periodic Review Procedure

EXPLANATORY NOTES

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

ADIs/PTDIs/Acute RfD The Year of estimation or confirmation is shown in parentheses.

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

2. QUALIFICATION OF MRLS

- (*) (following MRLs) : At or about the limit of quantification.
- E (following MRLs) : The MRL based on extraneous residues.
- EMRL** (as heading) : Extraneous Maximum Residue Limit.
- F** (following MRLs for milk) : The residue is fat soluble and MRLs for milk and milk products are derived as explained in the introductions to Volume 2 of the *Codex Alimentarius*.
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. **GLs do not represent Codex recommendations.**
- 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	Namee	(mg/kg)		JMPR	CCPR
(1)	(1)			69, 70 (2)(3)	20.131: 21.172 (4)(5)

(1) : Code Number and Namee 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	20	1988	ALINORM 89/24
2	1967	ALINORM 68/24	21	1989	ALINORM 89/24A
3	1968	ALINORM 69/24	22	1990	ALINORM 91/24
4	1969	ALINORM 70/24	23	1991	ALINORM 91/24A
5	1970	ALINORM 71/24	24	1992	ALINORM 93/24
6	1972	ALINORM 72/24A	25	1993	ALINORM 93/24A
7	1974	ALINORM 74/24	26	1994	ALINORM 95/24
8	1975	ALINORM 76/24	27	1995	ALINORM 95/24A
9	1977	ALINORM 78/24	28	1996	ALINORM 97/24
10	1978	ALINORM 79/24	29	1997	ALINORM 97/24A
11	1979	ALINORM 79/24A	30	1998	ALINORM 99/24
12	1980	ALINORM 81/24	31	1999	ALINORM 99/24A
13	1981	ALINORM 83/24	32	2000	ALINORM 01/24
14	1982	ALINORM 83/24A	33	2001	ALINORM 01/24A
15	1983	ALINORM 85/24	34	2002	ALINORM 03/24
16	1984	ALINORM 85/24A	35	2003	ALINORM 03/26A
17	1985	ALINORM 85/24B	36	2004	ALINORM 04/27/24
18	1986	ALINORM 87/24	37	2005	ALINORM 05/28/24
19	1987	ALINORM 87/24A	38	2006	ALINORM 06/29/24
			39	2007	ALINORM 07/30/24

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)*	CLOFENTEZINE (156)	ETRIMFOS (123)
ACEPHATE (95)	COUMAPHOS (18)*	FAMOXADONE (208)
ALDICARB (117)	CRUFOMATE (19)*	FENAMEIPHOS (85)
ALDRIN AND DIELDRIN (1)**	CYANOFENPHOS (91)*	FENARIMOL (192)
AMINOCARB (134)*	CYCLOXYDIM (179)	FENBUTATIN OXIDE (109)
AMINOPYRALID (220)	CYFLUTHRIN (157)	FENCHLORPHOS (36*)
AMITRAZ (122)	CYHALOTHRIN (146)	FENHEXAMID (215)*
AMITROLE (79)*	CYHEXATIN (67)	FENITROTHION (37)
ANILAZINE (163)	CYPERMETHRIN (118)	FENPROPATHRIN (185)
AZINPHOS-ETHYL (68)*	CYPRODINIL (207)	FENPROPIMORPH (188)
AZINPHOS-METHYL(2)	CYROMAZINE (169)	FENPROXYMATE (193)
AZOCYCLOTIN (129)	DAMINOZIDE1 (4)*	FENSULFOTHION (38)*
BENALAXYL (155)	2,4-D (20)	FENTHION (39)
BENDIOCARB (137)	DDT (21)**	FENTIN (40)
BENOMYL (69)	DELTAMETHRIN1 (35)	FENVALERATE (119)
BENTAZONE (172)	DEMETON (92)*	FIPRONIL (202)
BETA CYFLUTHRIN (228)	DEMETON-S-METHYL (73)	FLUCYTHRINATE (152)
BIFENAZATE (219)	DEMETON-S-METHYLSULPHON (164)	FLUDIOXONIL (211)
BIFENTHRIN (178)	DIALIFOS (98)*	FLUSILAZOLE (165)
BINAPACRYL (3)*	DIAZINON (22)	FLUTOLANIL (205)
BIORESMETHRIN (93)	1,2-DIBROMOETHANE (23)*	FOLPET (41)
BITERTANOL (144)	DICHLORFLUANID (82)	FORMOTHION (42)*
BOSCALID (221)	1,2-DICHLOROETHANE (24)*	GLUFOSINATE-AMMONIUM (175)
BROMIDE ION (47)	DICHLORVOS (25)	GLYPHOSATE1 (58)
BROMOPHOS (4)*	DICLORAN (83)	GUAZATINE (114)
BROMOPHOS-ETHYL (5)*	DICOFOL (26)	HALOXYFOP (194)
BROMOPROPYLATE (70)	DIFENOCONAZOLE (224)	HEPTACHLOR (43)**
BUPROFEZIN (173)	DIFLUBENZURON (130)	HEXACHLOROBENZENE (44)*
BUTOCARBOXIM (139)*	DIMETHENAMID-P(214)*	HEXACONAZOLE 170
CADUSAFOS (174)	DIMETHIPIN (151)	HEXYTHIAZOX (176)
CAMPHECHLOR (71)*	DIMETHOATE (27)	HYDROGEN CYANIDE (45)*
CAPTAFOFOL (6)*	DIMETHOMORPH (225)	HYDROGEN PHOSPHIDE (46)
CAPTAN (7)	DINOCAP (87)*	IMAZALIL (110)
CARBARYL (8)	DIOXATHION (28)*	IMIDACLOPRIDE(206)
CARBENDAZIM (72)	DIPHENYL(29)*	INDOXACARB* 216
CARBOFURAN (96)	DIPHENYLAMINE (30)	IPRODIONE (111)
CARBON DISULPHIDE (9)*	DIQUAT (31)	ISOFENPHOS (131)
CARBON TETRACHLORIDE (10)*	DISULFOTON (74)	LEPTOPHOS (88)*
CARBOPHENOTHION (11)*	DITHIANON (180)	LINDANE (48)
CARBOSULFAN (145)*	DITHIOCARBAMATES (105)	MALATHION (49)
CARTAP (97)	DODINE (84)	MALEIC HYDRAZIDE (102)
CHINOMETHIONAT (80)	EDIFENPHOS (99)*	MANCOZEB (50)
CHLORDANE (12)**	ENDOSULFAN (32)	MECARBAM (124)
CHLORDIMEFORM (13)*	ENDRIN (33)**	METALAXYL (138)
CHLORFENVINPHOS (14)	ESFENVALERATE (204)	METALAXYL-M (212)*
CHLORMEQUAT (15)	ETHEPHON (106)	METHACRIFOS (125)
CHLOROBENZILATE (16)*	ETHIOFENCARB (107)*	METHAMIDOPHOS (100)
CHLOROTHALONIL (81)	ETHION (34)	METHIDATHION (51)
CHLORPROPHAM (201)	ETHOPROPHOS (149)	METHIOCARB (132)
CHLORPYRIFOS (17)	ETHOXYQUIN (35)	METHOMYL (94)
CHLORPYRIFOS-METHYL (90)	ETHYLENE THIOUREA (ETU) (108)*	METHOPRENE (147)
CIPRODINIL (207)	ETOFENPROX (184)	METHOXYFENOZIDE (209)
CLETHODIM (187)		METHYL BROMIDE (52)***

METIRAM	186	TOLCLOFOS-METHYL	(191)
MEVINPHOS	(53)	TOLYLFLUANID	(162)
MONOCROTOPHOS	(54)	TRIADIMEFON	(133)
MYCLOBUTANIL	(181)	TRIADIMENOL	(168)
NITROFEN	(140)*	TRIAZOPHOS	(143)
NOVALURON*	217	TRICHLORFON	(66)
OMETHOATE	(55)	TRIFLOXYSTROBIN	(213*)
OXAMYL	(126)	TRIFORINE	(116)
OXYDEMETON-METHYL	(166)	VAMIDOTHION	(78)
PACLOBUTRAZOL	(161)	VINCLOZOLIN	(159)
PARAQUAT	(57)	ZOXAMIDE	(227)
PARATHION	(58)		
PARATHION-METHYL	(59)		
PENCONAZOLE	(182)		
PERMETHRIN	(120)		
PHENOTHRIN	(127)		
PHENTHOATE	(128)		
2-PHENYLPHENOL	(56)		
PHORATE	(112)		
PHOSALONE	(60)		
PHOSMET	(103)		
PHOSPHAMIDON	(61)		
PHOXIM	(141)		
PYRACLOSTROBIN	(210)		
PYRIMETHANIL	(226)		
PIPERONYL BUTOXIDE	(62)		
PIRIMICARB	(101)		
PIRIMIPHOS-METHYL	(86)		
PROCHLORAZ	(142)		
PROCYMIDONE	(136)		
PROFENOFOS	(171)		
PROPAMOCARB	(148)		
PROPARGITE	(113)		
PROPHAM	(183)		
PROPICONAZOLE	(160)		
PROPOXUR	(75)		
PROPYLENE THIOUREA (PTU)	(150)***		
PYRAZOPHOS	(153)		
PYRETHRINS	(63)		
QUINOXYFEN	(222)		
QUINTOZENE	(64)		
SEC-BUTYLAMINE	(89)*		
SPINOZAD	(203)		
SULFURYL FLUORIDE*	218		
2,4,5-T	(121)*		
TEBUCONAZOLE	(189)		
TEBUFENOZIDE	(196)		
TECNAZENE	(115)		
TEFLUBENZURON	(190)		
TERBUFOS	(167)		
THIABENDAZOLE	(65)		
THIACLOPRID	(223)		
THIODICARB	(154)		
THIOMETON	(76)		
THIOPHANATE-METHYL	(77)		

Note:

*, See Table 1;

**, See Part A.2 (EMRLs);

***, See Part A.3 (GLs);

Otherwise see Part A.1 (MRLs).

INDEX OF PESTICIDES IN CODE ORDER

1	ALDRIN AND DIELDRIN**	52	METHYL BROMIDE***	103	PHOSMET
2	AZINPHOS-METHYL	53	MEVINPHOS	104	DAMINOZIDE*
3	BINAPACRYL*	54	MONOCROTOPHOS	105	DITHIOCARBAMATES
4	BROMOPHOS*	55	OMETHOATE	106	ETHEPHON
5	BROMOPHOS-ETHYL*	56	2-PHENYLPHENOL	107	ETHIOFENCARB*
6	CAPTAFOL*	57	PARAQUAT	108	ETHYLENE THIOUREA (ETU)*
7	CAPTAN	58	PARATHION	109	FENBUTATIN OXIDE
8	CARBARYL	59	PARATHION-METHYL	110	IMAZALIL
9	CARBON DISULPHIDE*	60	PHOSALONE	111	IPRODIONE
10	CARBON TETRACHLORIDE*	61	PHOSPHAMIDON	112	PHORATE
11	CARBOPHENOTHION*	62	PIPERONYL BUTOXIDE	113	PROPARGITE
12	CHLORDANE**	63	PYRETHRINS	114	GUAZATINE
13	CHLORDIMEFORM*	64	QUINTOZENE	115	TECNAZENE
14	CHLORFENVINPHOS	65	THIABENDAZOLE	116	TRIFORINE
15	CHLORMEQUAT	66	TRICHLORFON	117	ALDICARB
16	CHLOROBENZILATE*	67	CYHEXATIN	118	CYPERMETHRIN
17	CHLORPYRIFOS	68	AZINPHOS-ETHYL*	119	FENVALERATE
18	COUMAPHOS*	69	BENOMYL	120	PERMETHRIN
19	CRUFOMATE*	70	BROMOPROPYLATE	121	2,4,5-T*
20	2,4-D	71	CAMPHECHLOR*	122	AMITRAZ
21	DDT**	72	CARBENDAZIM	123	ETRIMFOS
22	DIAZINON	73	DEMETON-S-METHYL	124	MECARBAM
23	1,2-DIBROMOETHANE*	74	DISULFOTON	125	METHACRIFOS
24	1,2-DICHLOROETHANE*	75	PROPOXUR	126	OXAMYL
25	DICHLORVOS	76	THIOMETON	127	PHENOTHRIN
26	DICOFOL	77	THIOPHANATE-METHYL	128	PHENTHOATE
27	DIMETHOATE	78	VAMIDOTHION	129	AZOCYCLOTIN
28	DIOXATHION*	79	AMITROLE*	130	DIFLUBENZURON
29	DIPHENYL*	80	CHINOMETHIONAT	131	ISOFENPHOS
30	DIPHENYLAMINE	81	CHLOROTHALONIL	132	METHIOCARB
31	DIQUAT	82	DICHOFLUANID	133	TRIADIMEFON
32	ENDOSULFAN	83	DICLORAN	134	AMINOCARB*
33	ENDRIN**	84	DODINE	135	DELTAMETHRIN
34	ETHION	85	FENAMEIPHOS	136	PROCYMIDONE
35	ETHOXYQUIN	86	PIRIMIPHOS-METHYL	137	BENDIOCARB
36	FENCHLORPHOS*	87	DINOCAP*	138	METALAXYL
37	FENITROTHION	88	LEPTOPHOS*	139	BUTOCARBOXIM*
38	FENSULFOTHION*	89	SEC-BUTYLAMINE*	140	NITROFEN*
39	FENTHION	90	CHLORPYRIFOS-METHYL	141	PHOXIM
40	FENTIN	91	CYANOFENPHOS*	142	PROCHLORAZ
41	FOLPET	92	DEMETON*	143	TRIAZOPHOS
42	FORMOTHION*	93	BIORESMETHRIN	144	BITERTANOL
43	HEPTACHLOR**	94	METHOMYL	145	CARBOSULFAN*
44	HEXACHLOROBENZENE*	95	ACEPHATE	146	CYHALOTHRIN
45	HYDROGEN CYANIDE*	96	CARBOFURAN	147	METHOPRENE
46	HYDROGEN PHOSPHIDE	97	CARTAP	148	PROPAMOCARB
47	BROMIDE ION	98	DIALIFOS*	149	ETHOPROPHOS
48	LINDANE	99	EDIFENPHOS*	150	PROPYLENE THIOUREA (PTU)***
49	MALATHION	100	METHAMIDOPHOS	151	DIMETHIPIN
50	MANCOZEB	101	PIRIMICARB	152	FLUCYTHRINATE
51	METHIDATHION	102	MALEIC HYDRAZIDE		

153	PYRAZOPHOS	190	TEFLUBENZURON
154	THIODICARB	191	TOLCLOFOS-METHYL
155	BENALAXYL	192	FENARIMOL
156	CLOFENTEZINE	193	FENPYROXIMATE
157	CYFLUTHRIN	194	HALOXYFOP
158	GLYPHOSATE	195	FLUMETHRIN
159	VINCLOZOLIN	196	TEBUFENOZIDE
160	PROPICONAZOLE	197	FENBUCONAZOLE
161	PACLOBUTRAZOL	198	AMINOMETHYL PHOPHONIC ACID (AMPA)
162	TOLYLFLUANID	199	KRESOXIM-METHYL
163	ANILAZINE	200	PYRIPROXIFEN
164	DEMETON-S- METHYLSULPHON	201	CHLOROPROPHAM
165	FLUSILAZOLE	202	FIPRONIL
166	OXYDEMETON-METHYL	203	SPINOZAD
167	TERBUFOS	204	ESFENVALERATE
168	TRIADIMENOL	205	FLUTOLANIL
169	CYROMAZINE	206	IMIDACLOPRID
170	HEXACONAZOLE	207	CYPRODINIL
171	PROFENOFOS	208	FAMOXADONE
172	BENTAZONE	209	METHOXYFENOZIDE
173	BUPROFEZIN	210	PYRACLOSTROBIN*
174	CADUSAFOS	211	FLUDIOXONIL*
175	GLUFOSINATE- AMMONIUM	212	METALAXYL-M*
176	HEXYTHIAZOX	213	TRIFLOXYSTROBIN*
177	ABAMECTIN	214	DIMETHENAMEID-P
178	BIFENTHRIN	215	FENHEXAMID
179	CYCLOXYDIM	216	INDOXACARB
180	DITHIANON	217	NOVALURON
181	MYCLOBUTANIL	218	SULFURYL FLUORIDE
182	PENCONAZOLE	219	BIFENAZATE
183	PROPHAM*	220	AMIOCLOPRID
184	ETOFENPROX	221	BOSCALID
185	FENPROPATHRIN	222	QUINOXYFEN
186	METIRAM	223	THIACLOPRID
187	CLETHODIM	224	DIFENOCONAZOLE
188	FENPROPIMORPH	225	DIMETHOMORPH
189	TEBUCONAZOLE	226	PYRIMETHANIL
		227	ZOXAMIDE
		228	BETA CYFLUTHRIN

Note:

*, See Table 1;

**, See Part A.2 (EMRLs);

***, See Part A.3 (GLs);

Otherwise see Part A.1 (MRLs).

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

Code	Namee	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
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
36	Fenchlorphos	0.01 (1968)	MRLs
38	Fensulfothion	0.0003 (1982)	MRLs
42	Formothion	0.02 (1973)	MRLs (no longer supported)
44	Hexachlorobenzene	Withdrawn (1978)	MRLs (GLs)
45	Hydrogen cyanide	0.05 (1965)	MRLs
68	Azinphos-ethyl	Not cleared toxicologically	GLs
71	Camphechlor	Not cleared toxicologically	GLs
79	Amitrole	0.0005 (TADI, 1993-97)	MRLs
87	Dinocap	0.001 (1989)	TMRLs (Step 6)
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
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
134	Aminocarb	Not cleared toxicologically	GLs
139	Butocarboxim	Not cleared toxicologically	GLs
140	Nitrofen	Not cleared toxicologically	GLs
145	Carbosulfan	0.01 (1986)	MRL (Step 6)
183	Propham	Not cleared toxicologically	No MRLs proposed

PART A.1

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

(At Various Steps of the Codex Procedure)

Part A 1: Pesticides with MRLs

Part 1 - 1

2 Azinphos-Methyl

Main Uses 8 Insecticide

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

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

AcuteRfD 0.1 mg/kg body weight (2007)

RESIDUE Azinphos-methyl.

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

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	10	CXL				1995	
AM	0660 Almond hulls	5	CXL				1997	
TN	0660 Almonds	0.05	CXL				1997	
FP	0226 Apple	2	CXL				1997	
FB	0020 Blueberries	5	CXL				1995	
VB	0400 Broccoli	1	CXL					
FS	0013 Cherries	2	CXL				1997	
AL	1031 Clover hay or fodder	5	CXL				1995	
SO	0691 Cotton seed	0.2	CXL					
FB	0265 Cranberry	0.1	CXL				1995	
VC	0424 Cucumber	0.2	CXL				1995	
AO2	0002 Fruits (except as otherwise listed)	1	CXL		26	25		
VC	0046 Melons, except watermelon	0.2	CXL				1995	
FS	0245 Nectarine	2	CXL				1997	
FS	0247 Peach	2	CXL				1997	
FP	0230 Pear	2	CXL				1997	
TN	0672 Pecan	0.3	CXL				1995	
VO	0445 Peppers, Sweet	1	CXL				1995	
FS	0014 Plums (including prunes)	2	CXL				1997	

Part 1 - 2

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	1997
AO1	0002	Vegetables (except as otherwise listed)	0.5		CXL	
TN	0678	Walnuts	0.3		CXL	1995
VC	0432	Watermelon	0.2		CXL	1995

7 Captan

Main Uses 5 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)

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

RESIDUE Captan.

Note The Committee decided to return the draft MRLs for cherries; dried grapes (=currants, raisins and sultanas); grapes; melons, except watermelon; peach; plums (including prunes); pome fruits; strawberry and tomato to Step 6, awaiting the outcome of the 2007 JMPR evaluation (38-54). The Committee decided to return the draft MRLs for cherries; dried grapes (=currants, raisins and sultanas); grapes; melons, except watermelon; peach; plums (including prunes); pome fruits; strawberry and tomato to Step 6, awaiting the outcome of the 2007 JMPR evaluation (39-47).

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
TN	0660 Almonds	0.3		CXL	00	34	2003	
FP	0226 Apple	25	T	CXL		37		2000 JMPR: to be replaced by MRL for pome fruits (37-83)
FB	0020 Blueberries	20		CXL				
FS	0013 Cherries	25		7	94, 97, 00	40 28, 31,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
VC	0424 Cucumber	3		CXL	00	35,37	2005	
DF	0269 Dried grapes (=currants, raisins and sultanas)	50		7	97	40 31,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
FB	0269 Grapes	25		7	94, 97	40 28, 31,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
VC	0046 Melons, except watermelon	10		7	00	40 35,37,38,39		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
FS	0245 Nectarine	3		CXL	94, 00	37 28, 31,32	2005	
FS	0247 Peach	15		CXL				
FS	0247 Peach	20		7	00	40 35,37,38,39		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
FP	0230 Pear	25	T	CXL		37		2000 JMPR: to be replaced by MRL for pome fruits (37-83).
FS	0014 Plums (including prunes)	10		7	94	40 28,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).

Part 1 - 4

FP	0009	Pome fruits	15	Po	7	00	40	37,38,39		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
VR	0589	Potato	0.05		CXL	00	34		2003	
FB	0272	Raspberries, Red, Black	20		CXL	00	35,37		2005	
FB	0275	Strawberry	20	T	CXL					
FB	0275	Strawberry	15		7	94, 97, 00	40	28, 31,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).
VO	0448	Tomato	15	T	CXL					
VO	0448	Tomato	5		7	94, 00	40	28, 31, 33,32,		Returned to Step 6. Await 2007 JMPR evaluation (38-54).

8 Carbaryl

Main Uses 8 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)

AcuteRfD 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). The Committee requested the JMPR to review the basis for the ARfD of 0.2 mg/kg bw based on the written comments of Australia (CX/PR 05/37/5-Add.1) (37-86). The Committee decided to return the draft MRLs for cherries; citrus fruits; citrus juice; citrus pulp, dry; dried grapes (=currants, raisins and sultanas); grape juice; grape pomace, dry; grapes and stone fruits to Step 6, awaiting the outcome of the 2007 JMPR evaluation (38-56). The Delegation of Japan indicated that the life span of the temporary MRLs had already expired and that the Committee should take decisions on them. It was decided that the background of the temporary status of these CXLs should be provided and they should be considered at the next session. The Committee decided to return the draft MRLs for cherries; citrus fruits; citrus juice; citrus pulp, dry; dried grapes (=currants, raisins and sultanas); grape juice; grape pomace, dry; grapes and stone fruits to Step 6, awaiting the outcome of the 2007 JMPR evaluation (39-49-50).

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	50		CXL	02	35, 36	2004	
FP	0226 Apple	5	T	CXL	02	32	1999	1999-2003 Withdrawal recommended (2002 JMPR)
FS	0240 Apricot	10	T	CXL		32	1999	1999-2003 To be replaced by the MRL for stone fruits (2002 JMPR)
VS	0621 Asparagus	15		CXL	02	35,36	2004	
VR	0574 Beetroot	0.1		CXL	02	35, 35	2004	
VR	0577 Carrot	0.5		CXL	02	35, 36	2004	
FS	0013 Cherries	10	T	CXL		32	1999	1999-2003 Australia expressed their reserevation for acute intake (37-85).
FS	0013 Cherries	20		7	02	40	35,36,37,38,3	Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
HS	0444 Chilli peppers, dried	2		4	07	40		
FC	0001 Citrus fruits	7	T	CXL		32	1999	1999-2003
FC	0001 Citrus fruits	15		7	02	40	35,36,37,38,3	Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
JF	0001 Citrus juice	0.5		7	02	40	35,36,37,38,3	Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
AB	0001 Citrus pulp, Dry	4		7	02	40	35,36,37,38,3	Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).

Part 1 - 6

FB	0265	Cranberry	5		4	07	40			
DF	0269	Dried grapes (=currants, raisins and sultanas)	50		7	02	40	35,37,38,39		Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
VO	0440	Egg plant	1		CXL	02	35, 36		2004	
JF	0269	Grape juice	30		7	02	40	35,37,38,39		Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
AB	0269	Grape pomace, Dry	80		7	02	40	35,37,38,39		Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
FB	0269	Grapes	5	T	CXL		32		1999	1999-2003
FB	0269	Grapes	40		7	02	40	35,37,38,39		EC considered the database to be insufficient and expressed intake concern (37-85). Australia expressed their reservation for acute intake (37-85). Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
MO	0098	Kidney of cattle, goats, pigs and sheep	3		CXL	02	35, 36		2004	
MO	0099	Liver of cattle, goats, pigs & sheep	1		CXL	02	35, 36		2004	
GC	0645	Maize	0.02	(*)	CXL	02	35, 36		2004	
AS	0645	Maize fodder (dry)	250		CXL	02	35, 36		2004	
OC	0645	Maize oil, Crude	0.1		CXL	02	35, 36		2004	
MM	0095	Meat (from mammals other than marine mammals)	0.05		CXL	02	35, 36		2004	
ML	0106	Milks	0.05		CXL	02	35, 36		2004	
FS	0245	Nectarine	10	T	CXL		32		1999	1999-2003 To be replaced by the MRL for stone fruits (2002 JMPR)
OC	0305	Olive oil, Virgin	25		CXL	02	35, 36		2004	
FT	0305	Olives	30		CXL	02	35, 36		2004	
FS	0247	Peach	10	T	CXL		32,37		1999	1999-2003 To be replaced by the MRL for stone fruits (2002 JMPR). EC considered the database to be insufficient and expressed intake concern (37-85).

Part 1 - 7

FP	0230	Pear	5	T	CXL	02	32, 35	1999	1999-2003 Withdrawal recommended (2002 JMPR). Retain pending evaluation of Australian data for fruits-CCPR 35.
VO	0051	Peppers	5	T	CXL		32	1999	1999-2003 To be replaced by the MRL for peppers, sweet (2002 JMPR). Awaiting data from Thailand (36-72).
VO	0444	Peppers, Chili	0.5		4	07	40		
VO	0445	Peppers, Sweet	5		CXL	02	35, 36	2004	
CM	1206	Rice bran, Unprocessed	170		CXL	02	35, 36	2004	
CM	1207	Rice hulls	50		CXL	02	35,36	2004	
AS	0649	Rice straw and fodder, Dry	120		CXL	02	35, 36	2004	
CM	1205	Rice, Polished	1		CXL	02	35, 36	2004	
AF	1053	Sorghum forage (dry)	50		CXL	02	35,36	2004	
VD	0541	Soya bean (dry)	0.2		CXL	02	35, 36	2004	
AL	0541	Soya bean fodder	15		CXL	02	35, 36	2004	
AB	0541	Soya bean hulls	0.3		CXL	02	35, 36	2004	
OC	0541	Soya bean oil, Crude	0.2		CXL	02	35, 36	2004	
FS	0012	Stone fruits	10		7	02	40	35,37,38,39	Except cherries. Except cherries. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR). Australia expressed their reservation for acute intake (37-85). Returned to Step 6 awaiting 2007 JMPR evaluation (38-56).
SO	0702	Sunflower seed	0.2		CXL	02	35, 36	2004	
OC	0702	Sunflower seed oil, crude	0.05		CXL	02	35, 36	2004	
VO	0447	Sweet corn (corn-on-the-cob)	0.1		CXL	02	35, 36	2004	
AB	0447	Sweet corn cannery waste	7.4		CXL	02	35, 36	2004	
VR	0508	Sweet potato	0.02	(*)	CXL	02	35, 36	2004	
VO	0448	Tomato	5		CXL	02	35, 36	2004	
JF	0448	Tomato juice	3		CXL	02	35, 36	2004	
VW	0448	Tomato paste	10		CXL	02	35, 36	2004	

Part 1 - 8

TN	0085	Tree nuts	1	CXL	02	35, 36	2004
VR	0506	Turnip, Garden	1	CXL	02	35, 36	2004
GC	0654	Wheat	2	CXL	02	35, 36	2004
CM	0654	Wheat bran, Unprocessed	2	CXL	02	35, 36	2004
CF	1211	Wheat flour	0.2	CXL	02	35, 36	2004
CF	1210	Wheat germ	1	CXL	02	35, 36	2004
AS	0654	Wheat straw and fodder, Dry30		CXL	02	35, 36	2004

15 Chlormequat

Main Uses 16 Plant Growth Regulator

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

ADI 0.05 mg/kg body weight (1997)

AcuteRfD 0.05 mg/kg body weight (1999)

RESIDUE Chlormequat cation (usually used as the chloride).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0640	Barley	2	CXL	94, 00	34 30	2003	
SO 0691	Cotton seed	0.5	CXL	94	34 30	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	00			Confirmed (1994 & 2000 JMPR)
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	34 32	2003	
OC 0495	Rape seed oil, Crude	0.1 (*)	CXL	94	34 32	2003	
GC 0650	Rye	3	CXL	94,00	35	2003	
CM 0650	Rye bran, Unprocessed	10	CXL	94, 00	35 30, 32	2003	
CF 1250	Rye flour	3	CXL	00	35	2003	
CF 1251	Rye wholemeal	4	CXL	94	34 32	2003	
AS 0081	Straw and fodder (dry) of cereal grains	30	CXL	00	35	2003	

Part 1 - 10

GC	0653	Triticale	3	CXL	00	35		2003
GC	0654	Wheat	3	CXL	94, 00	35	30, 32	2003
CM	0654	Wheat bran, Unprocessed	10	CXL	94, 00	35	30, 32	2003
CF	1211	Wheat flour	2	CXL	94, 00	35	30, 32	2003
CF	1212	Wheat wholemeal	5	CXL	94, 00	35	30, 32	2003

17 Chlorpyrifos

Main Uses 8 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)

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	5	CXL	00	35	2003	
TN	0660 Almonds	0.05	CXL	00	35	2003	
FI	0327 Banana	2	CXL	00	35	2003	
VB	0400 Broccoli	2	CXL	00	35	2003	
VB	0041 Cabbages, Head	1	CXL	00	35	2003	
VR	0577 Carrot	0.1	CXL	00	35	2003	
MO	1280 Cattle kidney	0.01	CXL	00	35	2003	
MO	1281 Cattle liver	0.01	CXL	00	35	2003	
MM	0812 Cattle meat	1 (fat)	CXL	00	35	2003	
VB	0404 Cauliflower	0.05	CXL	00	35	2003	
VL	0467 Chinese cabbage (type pe-tsai)	1	CXL				Confirmed (2000 JMPR)
FC	0001 Citrus fruits	1	CXL			1999	Confirmed (2000 JMPR)
SB	0716 Coffee beans	0.05	CXL	00	35	2003	
VP	0526 Common bean (pods and/or immature seeds)	0.01	CXL	00	35	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	2003	

Part 1 - 12

PE	0112 Eggs	0.01	(*)	CXL	00	35	2003
FB	0269 Grapes	0.5		CXL	00	35	2003
GC	0645 Maize	0.05		CXL	00	35	2003
AS	0645 Maize fodder (dry)	10		CXL	00	35	2003
OR	0645 Maize oil, Edible	0.2		CXL	00	35	2003
ML	0107 Milk of cattle, goats & sheep	0.02		CXL	00	35	2003
VA	0385 Onion, Bulb	0.2		CXL	00	35	2003
FS	0247 Peach	0.5		CXL	00	35	2003
VP	0063 Peas (pods and succulent=immature seeds)	0.01		CXL	00	35	2003
TN	0672 Pecan	0.05	(*)	CXL	00	35	2003
VO	0445 Peppers, Sweet	2		CXL	00	35	2003
MM	0818 Pig meat	0.02	(fat)	CXL	00	35	2003
MO	0818 Pig, Edible offal of	0.01	(*)	CXL	00	35	2003
FS	0014 Plums (including prunes)	0.5		CXL	00	35	2003
FP	0009 Pome fruits	1		CXL	00	35	2003
VR	0589 Potato	2		CXL	04	37	2005
PM	0110 Poultry meat	0.01	(fat)	CXL	00	35	2003
PO	0111 Poultry, Edible offal of	0.01	(*)	CXL	00	35	2003
GC	0649 Rice	0.5		CXL	04	37	2005
MM	0822 Sheep meat	1	(fat)	CXL	00	35	2003
MO	0822 Sheep, Edible offal of	0.01		CXL	00	35	2003
GC	0651 Sorghum	0.5		CXL	00	35	2003
AS	0651 Sorghum straw and fodder, Dry	2		CXL	00	35	2003
VD	0541 Soya bean (dry)	0.1		CXL	04	37	2005
OR	0541 Soya bean oil, Refined	0.03		CXL	04	37	2005
FB	0275 Strawberry	0.3		CXL	00	35	2003
VR	0596 Sugar beet	0.05		CXL	00	35	2003

Part 1 - 13

VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	00	35	2003
DT	1114	Tea, Green, Black	2		CXL	04	37	2005
VO	0448	Tomato	0.5		CXL			
TN	0678	Walnuts	0.05	(*)	CXL	00	35	2003
GC	0654	Wheat	0.5		CXL	00	35	2003
CF	1211	Wheat flour	0.1		CXL	00	35	2003
AS	0654	Wheat straw and fodder, Dry5			CXL	00	35	2003

20 2,4-D

Main Uses 7 Herbicide

JMPR 70, 71, 74, 75, 80R, 85R, 86R, 96T¹, 98R¹, 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)

AcuteRfD Unnecessary (JMPR 2001). ()

RESIDUE 2,4-D.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FB 0018	Berries and other small fruits	0.1	CXL	98	34 32	2003	
FC 0001	Citrus fruits	1 Po	CXL	01	35, 36	2004	
MO 0105	Edible offal (mammalian)	5	CXL	98	34 32	2001	
PE 0112	Eggs	0.01 (*)	CXL			2001	
AS 0162	Hay or fodder (dry) of grasses		400 CXL		98 34	32	2003
GC 0645	Maize	0.05	CXL			2001	
AS 0645	Maize fodder (dry)	40	CXL			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				Confirmed (1998 JMPR)
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			2001	
CM 0649	Rice, Husked	0.1	CXL			2001	
GC 0650	Rye	2	CXL			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	

Part 1 - 15

FS	0012	Stone fruits	0.05	(*)	CXL	2001
GS	0659	Sugar cane	0.05		CXL	2001
VO	0447	Sweet corn (corn-on-the-cob)	0.05	(*)	CXL	2001
TN	0085	Tree nuts	0.2		CXL	2001
GC	0654	Wheat	2		CXL	2001
AS	0654	Wheat straw and fodder, Dry	100		CXL	2001

22 Diazinon

Main Uses 8 Insecticide

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

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	5	CXL			1995	
TN	0660 Almonds	0.05	CXL			1995	
FB	0264 Blackberries	0.1	CXL			1997	
FB	4079 Boysenberry	0.1	CXL			1997	
VB	0400 Broccoli	0.5	CXL			1997	
VB	0041 Cabbages, Head	0.5	CXL	99	33, 35,37	2005	
VC	4199 Cantaloupe	0.2	CXL			1997	
VR	0577 Carrot	0.5	CXL			1997	
FS	0013 Cherries	1	CXL			1997	
PE	0840 Chicken eggs	0.02 (*)	CXL			1999	
PM	0840 Chicken meat	0.02 (*)	CXL			1999	
PO	0840 Chicken, Edible offal of	0.02 (*)	CXL			1999	
VL	0467 Chinese cabbage (type pe-tsai)	0.05	CXL			1997	
VP	0526 Common bean (pods and/or immature seeds)	0.2	CXL			1997	
FB	0265 Cranberry	0.2	CXL	06	39	2007	
VC	0424 Cucumber	0.1	CXL			1997	
FB	0021 Currants, Black, Red, White	0.2	CXL			1997	
VP	0529 Garden pea, Shelled	0.2	CXL			1997	
MM	0814 Goat meat	2 (fat)	CXL	96, 99	33, 36 30	2004	The MRL accommodates external animal treatment.

Part 1 - 17

DH	1100 Hops, Dry	0.5		CXL				1997	
VL	0480 Kale	0.05		CXL				1995	
MO	0098 Kidney of cattle, goats, pigs and sheep	0.03		CXL	96, 99	33, 36	30	2004	The MRL accommodates external animal treatment. Confirmed (1999 JMPR)
FI	0341 Kiwi	0.2		CXL				1997	
VB	0405 Kohlrabi	0.2		CXL				1997	
VL	0482 Lettuce, Head	0.5		CXL				1997	
VL	0483 Lettuce, Leaf	0.5		CXL				1997	
MO	0099 Liver of cattle, goats, pigs & sheep	0.03		CXL	96, 99	33, 36	30	2004	The MRL accommodates external animal treatment. Confirmed (1999 JMPR)
GC	0645 Maize	0.02	(*)	CXL				1995	
MM	0097 Meat of cattle, pigs & sheep	2	(fat)	CXL	96, 99	33, 36	30	2004	The MRL accommodates external animal treatment Confirmed (1999 JMPR)
ML	0106 Milks	0.02	F	CXL					The MRL accommodates external animal treatment. Confirmed (1996, 1999 JMPR)
VA	0385 Onion, Bulb	0.05		CXL				1995	
VA	0389 Onion, Spring (green)	1		CXL				1997	
FS	0247 Peach	0.2		CXL				1997	
VO	0445 Peppers, Sweet	0.05		CXL				1995	
FI	0353 Pineapple	0.1		CXL				1997	
FS	0014 Plums (including prunes)	1		CXL				1997	
FP	0009 Pome fruits	0.3		CXL	99	33, 36		2004	
VR	0589 Potato	0.01	(*)	CXL				1995	
DF	0014 Prunes	2		CXL				1997	
VR	0494 Radish	0.1		CXL				1997	
FB	0272 Raspberries, Red, Black	0.2		CXL				1997	
VL	0502 Spinach	0.5		CXL				1997	
VC	0431 Squash, summer	0.05		CXL				1997	
FB	0275 Strawberry	0.1		CXL				1997	
VR	0596 Sugar beet	0.1		CXL				1995	

Part 1 - 18

VO	0447 Sweet corn (corn-on-the-cob)	0.02		CXL	1995
VO	0448 Tomato	0.5		CXL	1997
TN	0678 Walnuts	0.01	(*)	CXL	1995

25 Dichlorvos

Main Uses 8 Insecticide

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

ADI 0.004 mg/kg body weight (confirmed 1977, 1993)

AcuteRfD ()

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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0080	Cereal grains	5 (Po)	CXL			1997	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	CXL			1995	
ML 0106	Milks	0.02 (*)	CXL			1995	
VO 0450	Mushrooms	0.5	CXL				
PM 0110	Poultry meat	0.05	CXL				
CM 0654	Wheat bran, Unprocessed	10	CXL			1997	
CF 1211	Wheat flour	1	CXL			1997	
CF 1210	Wheat germ	10	CXL			1997	
CF 1212	Wheat wholemeal	2	CXL			1997	

26 Dicofol

Main Uses 1 Acaricide/Miticide
 JMPR 68, 70R, 74R, 92', 94R
 ADI 0.002 mg/kg body weight (1992)

AcuteRfD ()

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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VD 0071	Beans (dry)	0.1	CXL			1995	
MM 0812	Cattle meat	3 (fat)	CXL			1997	
MO 0812	Cattle, Edible offal of	1	CXL			1997	
FS 0013	Cherries	5	CXL			1997	
FC 0001	Citrus fruits	5	CXL			1997	
VP 0526	Common bean (pods and/or 2 immature seeds)		CXL			1997	
SO 0691	Cotton seed	0.1	CXL			1995	
OC 0691	Cotton seed oil, Crude	0.5	CXL			1997	
OR 0691	Cotton seed oil, Edible	0.5	CXL			1997	
VC 0424	Cucumber	0.5	CXL			1995	
PE 0112	Eggs	0.05	CXL			1995	
FB 0269	Grapes	5	CXL			1997	
DH 1100	Hops, Dry	50	CXL			1995	
VC 0046	Melons, except watermelon	0.2	CXL			1995	
ML 0106	Milks	0.1 F	CXL			1999	
FS 0247	Peach	5	CXL			1997	
TN 0672	Pecan	0.01 (*)	CXL			1995	
VO 0051	Peppers	1	CXL			1995	

Part 1 - 21

FS	0014	Plums (including prunes)	1		CXL		1997	
PM	0110	Poultry meat	0.1	(fat)	CXL		1997	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL		1995	
DF	0014	Prunes	3		CXL		1997	
VC	0431	Squash, summer	1		CXL		1995	
DT	1114	Tea, Green, Black	50		CXL	35	1997	CCPR 36: Awaiting JMPR evaluation on data to be submitted by India and Morocco (36-75,76).
VO	0448	Tomato	1		CXL			
TN	0678	Walnuts	0.01	(*)	CXL		1995	

27 Dimethoate

Main Uses 8 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)

AcuteRfD 0.02 mg/kg body weight (2003)

RESIDUE For compliance with MRLs: dimethoate. For estimation of dietary intake: dimethoate and omethoate.

Note The Committee decided to retain draft MRLs for lettuce, head and peppers, sweet at Step 7, awaiting 2008 JMPR evaluation of alternative GAP (39-57).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MF 0100		0.05 (*)	CXL	98	34 32	2003	
VS 0620	Artichoke, Globe	0.05	CXL	03	36,37	2005	
VS 0621	Asparagus	0.05 (*)	CXL	98	34 32	2003	
GC 0640	Barley	2	CXL	98, 06	38 32,36	2006	The MRL for barley recommended at the 1998 Meeting was agreed to be sufficient; no further evaluation was required (JMPR 2006).
VB 0402	Brussels sprouts	0.2	CXL	03	36,37	2005	Previous JMPR recommendation: 1
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	02	CXL	03, 06	36,37,39	2005	The information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD (JMPR 2006).
VS 0624	Celery	0.5	CXL	03	36,37	2005	
FS 0013	Cherries	2	CXL				Confirmed (1998 JMPR).
FC 0001	Citrus fruits	5	CXL	03	38 36	2006	
PE 0112	Eggs	0.05 (*)	CXL	98	34 32	2003	
VL 0482	Lettuce, Head	2	CXL			1997	
VL 0482	Lettuce, Head	3	7	03	40 36,38,39		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for the general population. Previous JMPR: 0.5 Returned to Step 6 (38-58).
FI 0345	Mango	1 Po	CXL	03	36,37	2005	

Part 1 - 23

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	36,37		2005	
FP	0230	Pear	1			CXL				1991	
VP	0063	Peas (pods and succulent=immature seeds)	1			CXL	98	32,37		2005	
VO	0051	Peppers	1	Po		CXL	98	36			Retained for further review
VO	0445	Peppers, Sweet	5	Po		7 03		40	36,38,39		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. Previous JMPR: Withdrawal MRLs for peppers recommended. Returned to Step 6 (38-58).
VR	0589	Potato	0.05			CXL					Confirmed (1998 JMPR).
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					Confirmed (1998 JMPR).
VL	0506	Turnip greens	1			CXL	98	32,36,37		2005	
VR	0506	Turnip, Garden	0.1			CXL	98	32,37		2005	
GC	0654	Wheat	0.05			CXL	03	36,37		2005	
AS	0654	Wheat straw and fodder, Dry1				CXL	03	36,37		2005	

30 Diphenylamine

Main Uses 21 Storage Scald Preventor
 JMPR 69, 76, 79R, 82T, 84, 98T, 01R, 03R
 ADI 0.08 mg/kg body weight (1998)
 AcuteRfD Unnecessary (JMPR 1998). ()
 RESIDUE Diphenylamine.
 Note Previous ADI 0.02 mg/kg bw (1984).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FP	0226 Apple	10 Po	CXL	01	35	2003	
JF	0226 Apple juice	0.5 PoP	CXL	01	35	2003	
MO	1280 Cattle kidney	0.01 (*)	CXL	01	35	2003	
MO	1281 Cattle liver	0.05	CXL	01	35	2003	
MM	0812 Cattle meat	0.01 (*) (fat)	CXL	01	35	2003	
ML	0812 Cattle milk	0.0004 (*) F	CXL	01	35,36	2004	Equivalent to 0.01 mg/kg (*) in the milkfat. CCPR 35 requested JMPR to clarify whether fortification was done in whole milk or milk fat in the recovery experiments.
FP	0230 Pear	5 Po	CXL	01	35,36	2004	

31 Diquat

Main Uses 7 Herbicide

JMPR 70, 72, 76R, 77, 78R, 93T, 94R' (01R)

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

AcuteRfD ()

RESIDUE Diquat cation.

Generally available as dibromide.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	100	CXL			1999	
GC	0640 Barley	5	CXL				Confirmed (1994 JMPR)
VD	0071 Beans (dry)	0.2	CXL			1999	
MO	0105 Edible offal (mammalian)	0.05 (*)	CXL				Confirmed (1994 JMPR)
PE	0112 Eggs	0.05 (*)	CXL				Confirmed (1994 JMPR)
VD	0533 Lentil (dry)	0.2	CXL			1999	
GC	0645 Maize	0.05 (*)	CXL			1999	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)	CXL				Confirmed (1994 JMPR)
ML	0106 Milks	0.01 (*)	CXL				Confirmed (1994 JMPR)
GC	0647 Oats	2	CXL			1999	
VD	0072 Peas (dry)	0.2	CXL			1999	
VR	0589 Potato	0.05	CXL			1999	
PM	0110 Poultry meat	0.05 (*)	CXL			1999	
PO	0111 Poultry, Edible offal of	0.05 (*)	CXL			1999	
SO	0495 Rape seed	2	CXL				Confirmed (1994 JMPR)
GC	0649 Rice	10	CXL			1999	
CM	0649 Rice, Husked	1	CXL			1999	
CM	1205 Rice, Polished	0.2	CXL				Confirmed (1994 JMPR)
GC	0651 Sorghum	2	CXL				Confirmed (1994 JMPR)

Part 1 - 26

VD	0541	Soya bean (dry)	0.2		CXL				1999
SO	0702	Sunflower seed	1		CXL				1999
OC	0172	Vegetable oils, Crude	0.05	(*)	CXL				1999
AO1	0002	Vegetables (except as otherwise listed)	0.05	(*)	CXL	94	25	24	
GC	0654	Wheat	2		CXL				Confirmed (1994 JMPR)
CM	0654	Wheat bran, Unprocessed	5		CXL				Confirmed (1994 JMPR)
CF	1211	Wheat flour	0.5		CXL				1999
CF	1212	Wheat wholemeal	2		CXL				Confirmed (1994 JMPR)

32 Endosulfan

Main Uses 8 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)

AcuteRfD 0.02 mg/kg body weight (1998)

RESIDUE For compliance with the MRL and for estimation of the dietary intake: sum of alpha endosulfan, beta endosulfan and endosulfan sulphate. This definition applies to plant and animal commodities. The residue is fat soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0326 Avocado	0.5	CXL	06	39	2007	
VB	0400 Broccoli	0.5	CXL	89, 93	35	24, 25, 31,32	2003
VB	0400 Broccoli	3	7	06	40	39	
SB	0715 Cacao beans	0.2	CXL	06	39		2007
VS	0624 Celery	2	CXL				1991
VS	0624 Celery	7	7	06	40	39	
FS	0013 Cherries	1	CXL				1991
FS	0013 Cherries	2	7	06	40	39	
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

Part 1 - 28

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	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	30		CXL	06	39		2007
VO	0448	Tomato	1		7	06	40	39	2007

Withdrawal recommended (JMPR 2006). Retained for 4 years under periodic review procedure (39-59).

The information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD (JMPR 2006).

35 Ethoxyquin

Main Uses 22 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),

AcuteRfD 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).

The Committee was informed by the JMPR Secretariat that the residue evaluation in pear was scheduled for 2008 JMPR (38-60).

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR		CAC	Note
FP	0230 Pear	3	Po	CXL	99	33	26, 28, 29,		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting toxicity studies. Residue evaluation in pear is scheduled for 2008 JMPR (38-60).

37 Fenitrothion

Main Uses 8 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)

AcuteRfD 0.04 mg/kg body weight (2000)

RESIDUE For compliance with MRLs and estimation of dietary intake: fenitrothion.

Note The 36th session of the the Committee was informed that data would be available for pome fruits, stone fruits, grapes, tomatoes and soya beans for evaluation at a later date (36-89). The Committee noted intake concerns for this compound and requested JMPR to re-evaluate the acute RfD and ADI (37-93).

The Committee noted that the intake concern for cereal grains, identified by JMPR was based on a conservative intake estimate that had not taken into account the effect of processing on sorghum, millet and maize. The Committee was informed that new residue data on cereals would become available supported by a revised GAP. The Committee decided to return the draft MRLs for apple; cereal grains; edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; rice bran, unprocessed; wheat bran, unprocessed to Step 6, awaiting the outcome of the 2007 JMPR evaluation (38-61). The Committee decided to return the draft MRLs for apple; cereal grains; edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; rice bran, unprocessed; wheat bran, unprocessed to Step 6, awaiting the outcome of 2007 JMPR evaluation (39-62).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note	
FP 0226	Apple	0.5	7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
GC 0080	Cereal grains	10	Po	CXL	36		Retained under 4 years periodic review procedure (36-88).	
GC 0080	Cereal grains	10	Po	7	04	40	37,38,39	Also cover pre-harvest use of fenitrothion. JMPR 2004: the Information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD. Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).
GC 0080	Cereal grains	6	Po	4	07	40	Except maize	
MO 0105	Edible offal (mammalian)	0.05	(*)	7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).
MO 0105	Edible offal (mammalian)	0.05	(*)	4	07	40		
PE 0112	Eggs	0.05	(*)	7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).
PE 0112	Eggs	0.05	(*)	4	07	40		
MM 0095	Meat (from mammals other than marine mammals)	0.05	(*) (fat) E	CXL	36		Retained under 4 years periodic review procedure (36-88).	

Part 1 - 31

MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)		7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)		4	07	40			
ML	0106	Milks	0.002	(*)	E			CXL	36	Retained under 4 years periodic review procedure (36-88).	
ML	0106	Milks	0.01			7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
ML	0106	Milks	0.01	(*)		4	07	40			
PM	0110	Poultry meat	0.05	(*)		7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
PM	0110	Poultry meat	0.05	(*)		4	07	40			
CM	1206	Rice bran, Unprocessed	20		PoP			CXL	36	Retained under 4 years periodic review procedure (36-88).	
CM	1206	Rice bran, Unprocessed	60		PoP	7	04	40	37,38,39	Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
CM	1206	Rice bran, Unprocessed	40		PoP	4	07	40			
CM	1205	Rice, Polished	1		PoP			CXL	04	36	Retained under 4 years periodic review procedure (36-88). JMPR 2004: Withdrawal recommended.
VD	0541	Soya bean (dry)	0.01			4	07	40			
CF	0654	Wheat bran, Processed	2		PoP			CXL	36	Retained under 4 years periodic review procedure (36-88).	
CM	0654	Wheat bran, Unprocessed	20		PoP			CXL	36	Retained under 4 years periodic review procedure (36-88).	
CM	0654	Wheat bran, Unprocessed	30		PoP	7	04	40	37,38,39	The information provided to the JMPR 2004 precludes an estimate that the dietary intake would be below the ADI. Returned to Step 6 awaiting 2007 JMPR evaluation (38-61).	
CM	0654	Wheat bran, Unprocessed	25		PoP	4	07	40		The intake of 110% was for unprocessed wheat bran. Since this is not the edible commodity and further processing is likely to reduce the level of residues, the Meeting assumed that the intake from processed wheat bran would be below the ARfD	
CF	1212	Wheat wholemeal	5		PoP			CXL		Retained under 4 years periodic review procedure (36-88).	

39 Fenthion

Main Uses 8 Insecticide

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

ADI 0.007 mg/kg body weight (1995)

AcuteRfD 0.01 mg/kg body weight (1997)

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

Code	Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR		CAC	Note
	Name								
FS	0013	Cherries	2		CXL				Confirmed (1995 JMPR)
FC	0001	Citrus fruits	2		CXL	95			To be replaced by individual MRLs (1995 JMPR)
FC	0003	Mandarins	0.5		7B(a)	95	40	29,	Awaiting the finalisation of the evaluation in the EU(34-80).
OC	0305	Olive oil, Virgin	1		CXL				
OC	0305	Olive oil, Virgin	3		7B(a)	95	40	29,	Awaiting the finalisation of the evaluation in the EU(34-80).
FT	0305	Olives	1		CXL				Confirmed (1995 JMPR)
FC	0004	Oranges, Sweet, Sour	0.5		7B(a)	95	40	29,	Awaiting the finalisation of the evaluation in the EU(34-80).
CM	0649	Rice, Husked	0.05		CXL				1997

41 Folpet

Main Uses 5 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)

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0226 Apple	10	CXL	97, 98	38	33,37	2006
VC	0424 Cucumber	1	CXL	94, 97, 98, 99	35	28, 33	2003
DF	0269 Dried grapes (=currants, raisins and sultanas)	40	CXL	97, 98	38	33,37	2006
FB	0269 Grapes	10	CXL	97, 98	38	33,37	2006
VL	0482 Lettuce, Head	50	CXL	99	38	33,37	2006
VC	0046 Melons, except watermelon	3	CXL	97, 98	35	33	2003
VA	0385 Onion, Bulb	1	CXL	99	35	33	2003
VR	0589 Potato	0.1	CXL	99	35	33	2003
FB	0275 Strawberry	5	CXL	93, 97, 98	38	28, 29,	2006
VO	0448 Tomato	3	CXL	97, 98	38	33,37	2006

46 Hydrogen Phosphide

Main Uses 4 Fumigant

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

ADI Not necessary.

AcuteRfD ()

RESIDUE All phosphides, expressed as hydrogen phosphide.

Good usage practices should ensure that residues are not present at time of consumption.

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
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

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

ADI 1 mg/kg body weight (confirmed 1988)

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0326 Avocado	75	CXL				
VP	0522 Broad bean (green pods and immature seeds)	500	CXL			1997	
VB	0400 Broccoli	30	CXL			1997	
VB	0041 Cabbages, Head	100	CXL			1991	
VS	0624 Celery	300	CXL			1991	
GC	0080 Cereal grains	50	CXL				
FC	0001 Citrus fruits	30	CXL				
VC	0424 Cucumber	100	CXL			1997	
DF	0295 Dates, Dried or dried & candied	100	CXL				
DF	0167 Dried fruits	30	CXL				Except as otherwise listed.
DF	0269 Dried grapes (=currants, raisins and sultanas)	100	CXL				
DH	0170 Dried herbs	400	CXL				
DF	0297 Figs, Dried or dried and candied	250	CXL				
AO2	0002 Fruits (except as otherwise listed)	20	CXL		24		
VP	0528 Garden pea (young pods)	500	CXL			1997	
VL	0482 Lettuce, Head	100	CXL			1991	

Part 1 - 36

VO	0442	Okra	200	CXL	1997
DF	0247	Peach, Dried	50	CXL	
VO	0445	Peppers, Sweet	20	CXL	1997
DF	0014	Prunes	20	CXL	
VR	0494	Radish	200	CXL	1997
HS	0093	Spices	400	CXL	
VC	0431	Squash, summer	200	CXL	1997
FB	0275	Strawberry	30	CXL	
VO	0448	Tomato	75	CXL	1991
VL	0506	Turnip greens	1000	CXL	1997
VR	0506	Turnip, Garden	200	CXL	1997
CF	1212	Wheat wholemeal	50	CXL	

48 Lindane

Main Uses 8 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)

AcuteRfD 0.06 mg/kg body weight (2002)

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: lindane. The residue is fat-soluble.

Note Previous TADI 0.001 mg/kg bw (1997-2001).

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

49 Malathion

Main Uses 8 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)

AcuteRfD 2 mg/kg body weight (2003)

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

Note The Committee decided to return the draft MRLs for alfalfa fodder; clover hay or fodder; hay or fodder (dry) of grasses; maize fodder (dry); wheat straw and fodder, dry to Step 6, awaiting the submission of data on animal transfer studies for evaluation by JMPR. The Committee agreed to consider the withdrawal of these draft MRLs at the next session if no animal transfer data were available (39-64).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	200	7	99	40	33,36,38,39	Returned to Step 6 awaiting 2004 JMPR evaluation
FP	0226 Apple	0.5	CXL	04	38	37	2006
VS	0621 Asparagus	1	CXL	99	33,36		2004
VD	0071 Beans (dry)	2	CXL	99	34	33	2003
VP	0061 Beans, except broad bean and soya bean	1	CXL	99	33,36		2004
FB	0020 Blueberries	10	CXL	99	33,36		2004
FC	0001 Citrus fruits	7	CXL	04	38	37	2006
AL	1031 Clover hay or fodder	150	7	99	40	33,36,37,38,3	Returned to Step 6 awaiting 2004 JMPR evaluation
SO	0691 Cotton seed	20	CXL	99	38	33,36,37	2006
OC	0691 Cotton seed oil, Crude	13	CXL	99	38	33,36,37	2006
OR	0691 Cotton seed oil, Edible	13	CXL	99	38	33,36,37	2006
VC	0424 Cucumber	0.2	CXL	99	33,36		2004
FB	0269 Grapes	5	CXL	04	38	37,37	2006
AS	0162 Hay or fodder (dry) of grasses evaluation		300	7	99	40	33,36,37,38,3 Returned to Step 6 awaiting 2004 JMPR
GC	0645 Maize	0.05	CXL	99	38	33,36,37	2006
AS	0645 Maize fodder (dry)	50	7	99	40	33,36,37,38,3	Returned to Step 6 awaiting 2004 JMPR evaluation
VL	0485 Mustard greens	2	CXL	99	33,36		2004

Part 1 - 39

VA	0385	Onion, Bulb	1	CXL	99	33,36		2004	
VA	0389	Onion, Spring (green)	5	CXL	99	33,36		2004	
VO	0051	Peppers	0.1	CXL	99	34,36	33	2003	
FB	0272	Raspberries, Red, Black	8	CXL					
VR	0075	Root and tuber vegetables	0.5	CXL					
GC	0651	Sorghum	3	CXL	99	38	33,36,37	2006	
VL	0502	Spinach	3	CXL	99	34	33	2003	
FB	0275	Strawberry	1	CXL					Confirmed (1999 JMPR)
VO	0447	Sweet corn (corn-on-the-cob)	0.02	CXL	99	33,36		2004	
VO	0448	Tomato	0.5	CXL	99	34	33	2003	
JF	0448	Tomato juice	0.01	CXL	99	33,36		2004	
VL	0506	Turnip greens	5	CXL	99	33,36		2004	
VR	0506	Turnip, Garden	0.2	CXL	99	34	33	2003	
GC	0654	Wheat	0.5	CXL	99	38	33,36	2006	
CF	1211	Wheat flour	0.2	CXL	00	38	36,37	2006	
AS	0654	Wheat straw and fodder, Dry50		7	99	40	33,36,37,38,3		Returned to Step 6 awaiting 2004 JMPR evaluation

51 Methidathion

Main Uses 8 Insecticide

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

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

AcuteRfD 0.01 mg/kg body weight (1997)

RESIDUE Methidathion.

Note The Committee noted acute intake concerns of the EC for apple, grape and pear and their request for evaluation of their data by the JMPR. The EC was requested to propose methidathion for inclusion in the Priority List (38-66).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
TN	0660 Almonds	0.05 (*)	CXL			1997	
FP	0226 Apple	0.5	CXL				
VS	0620 Artichoke, Globe	0.05 (*)	CXL			1997	
VD	0071 Beans (dry)	0.1	CXL			1997	
VB	0041 Cabbages, Head	0.1	CXL			1997	
MF	0812 Cattle fat	0.02 (*)	CXL				
FS	0013 Cherries	0.2	CXL				
SO	0691 Cotton seed	1	CXL			1997	
OC	0691 Cotton seed oil, Crude	2	CXL			1997	
VC	0424 Cucumber	0.05	CXL			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			1999	
DH	1100 Hops, Dry	5	CXL			1995	
FC	0002 Lemons and limes	2	CXL				

Part 1 - 41

TN	0669	Macadamia nuts	0.01	(*)	CXL	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	
OC	0305	Olive oil, Virgin	2		CXL	1995
FT	0305	Olives	1		CXL	1995
VA	0385	Onion, Bulb	0.1		CXL	1995
FC	0004	Oranges, Sweet, Sour	2		CXL	
FS	0247	Peach	0.2		CXL	
FP	0230	Pear	1		CXL	1999
VD	0072	Peas (dry)	0.1		CXL	1997
VP	0063	Peas (pods and succulent=immature seeds)	0.1		CXL	
TN	0672	Pecan	0.05	(*)	CXL	1997
MF	0818	Pig fat	0.02	(*)	CXL	
FI	0353	Pineapple	0.05		CXL	1995
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	1997
SO	0495	Rape seed	0.1		CXL	1995
SO	0699	Safflower seed	0.1		CXL	1997
MF	0822	Sheep fat	0.02	(*)	CXL	
GC	0651	Sorghum	0.2		CXL	1995
VR	0596	Sugar beet	0.05	(*)	CXL	1997
SO	0702	Sunflower seed	0.5		CXL	1997

Part 1 - 42

DT	1114 Tea, Green, Black	0.5		CXL	1997
VO	0448 Tomato	0.1		CXL	
TN	0678 Walnuts	0.05	(*)	CXL	1997

53 Mevinphos

Main Uses 8 Insecticide

JMPR 65T, 72, 96T', 97R', 00R

ADI 0.0008 mg/kg body weight (1996)

AcuteRfD 0.003 mg/kg body weight (1996)

RESIDUE Sum of (E)- and (Z)-mevinphos.

Note The CCPR-33 requested JMPR to conduct intake calculation for cabbages, head; common bean (pods and/or immature seeds) and leak. (33.102).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VB	0041 Cabbages, Head	0.05	CXL			2001	Australia would supply new data to support the CXL for Cabbages, Head.

56 2-Phenylphenol

Main Uses 5 Fungicide

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

ADI 0.4 mg/kg body weight (1999)

AcuteRfD Unnecessary (JMPR 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)		Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name								
FC	0001 Citrus fruits	10	Po	CXL					
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 7 Herbicide

JMPPR 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)

AcuteRfD 0.006 mg/kg body weight (2003)

RESIDUE For compliance with MRLs and estimation of dietary intake in plant and animal commodities: paraquat cation

Note Previous ADI: 0.004 (1986). Note: no short-term dietary intake was calculated due to insufficient data (JMPPR 2003).

Commodity Code	Name	MRL (mg/kg)	Step	JMPPR	CCPR and prior CCPR	CAC	Note
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	
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	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	

Part 1 - 46

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		2006
VD	0070	Pulses	0.5			CXL	04	38	37	2006
GC	0649	Rice	10			CXL	04	38		
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	(*)	dry wt	CXL	04	38	37	2006
SO	0702	Sunflower seed	2			CXL	04	38	37	2006
DT	1114	Tea, Green, Black	0.2			CXL	04	38	37	2006
TN	0085	Tree nuts	0.05			CXL	04	38	37	2006

JMPR 2004: Withdrawal recommended. At the request of the Delegation of Thailand the Committee decided to retain the CXL for rice for four years under the periodic review procedure.

59 Parathion-Methyl

Main Uses 8 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)

AcuteRfD 0.03 mg/kg body weight. (1995)

RESIDUE For compliance with MRLs: parathion-methyl.

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

Note Acute RfD confirmed 2003.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0226 Apple	0.2	CXL	00	36	2004	
VD	0071 Beans (dry)	0.05 (*)	CXL	00		1997	Confirmed (2000 JMPR)
VB	0041 Cabbages, Head	0.05	CXL	00	36,37	2004	
DF	0269 Dried grapes (=currants, raisins and sultanas)	1	CXL	00	36	2004	
FB	0269 Grapes	0.5	CXL	00	36	2004	
FS	0245 Nectarine	0.3	CXL	03	36	2004	Extrapolation from peach
FS	0247 Peach	0.3	CXL	00	36	2004	
VD	0072 Peas (dry)	0.3	CXL	00	36	2004	
VR	0589 Potato	0.05 (*)	CXL	00		1997	Confirmed (2000 JMPR)
VR	0596 Sugar beet	0.05 (*)	CXL	00			Confirmed (2000 JMPR)

60 Phosalone

Main Uses 8 Insecticide

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

ADI 0.02 mg/kg body weight (1997)

AcuteRfD 0.3 mg/kg body weight (2001)

RESIDUE Phosalone (fat-soluble).

Note Previous ADI 0.001 mg/kg (1993).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
TN	0660 Almonds	0.1						2001
TN	0666 Hazelnuts	0.05 (*)						2001
FP	0009 Pome fruits	2		99	35	33		2003
FS	0012 Stone fruits	2		99	35	33		2003
TN	0678 Walnuts	0.05 (*)						2001

62 Piperonyl Butoxide

Main Uses 20 Synergist
 JMPR 65, 66, 67R, 69R, 72, 92, 95T', 01R', 02R
 ADI 0.2 mg/kg body weight (1995)
 AcuteRfD Unnecessary (2001)
 RESIDUE Piperonyl butoxide (fat-soluble).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MO 1280	Cattle kidney	0.3	CXL	01, 02	35,36	2004	The MRL accommodates external animal treatment.
MO 1281	Cattle liver	1	CXL	01, 02	35,36	2004	
MM 0812	Cattle meat	5 (fat)	CXL	01, 02	35,36	2004	The MRL accommodates external animal treatment.
ML 0812	Cattle milk	0.2 F	CXL	01, 02	35,36	2004	The MRL accommodates external animal treatment. "F" added (2002 JMPR).
GC 0080	Cereal grains	30 Po	CXL	01, 02	35,36	2004	
FC 0001	Citrus fruits	5	CXL	01, 02	35,36	2004	
JF 0001	Citrus juice	0.05	CXL	01, 02	35,36	2004	
DF 0167	Dried fruits	0.2 Po	CXL	01, 02	35,36	2004	
PE 0112	Eggs	1	CXL	01, 02	35,36	2004	The MRL accomodates external animal treatment.
VC 0045	Fruiting vegetables, Cucurbits		1	CXL	01, 02	35,36	2004
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2	CXL	02	35,36	2004	Excluding cattle kidney. The MRL for cattle kidney is higher than for kidneys of other species because of direct treatment of cattle (2002 JMPR).
VL 0483	Lettuce, Leaf	50	CXL	01, 02	35,36	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1	CXL	02	35,36	2004	

Part 1 - 50

OC	0645	Maize oil, Crude	80	PoP	CXL	01, 02	35,36	2004	
MM	0095	Meat (from mammals other than marine mammals)	2	(fat)	CXL	02	35,36	2004	Excluding cattle meat Excluding cattle meat.
ML	0106	Milks	0.05	F	CXL	02	35,36	2004	Excluding cattle milk Excluding cattle milk.
VL	0485	Mustard greens	50		CXL	01, 02	35,36	2004	
AL	0072	Pea hay or pea fodder (dry)	200	dry wt	CXL	01, 02	35,36	2004	
SO	0703	Peanut, whole	1	Po	CXL	01, 02	35,36	2004	
VO	0051	Peppers	2		CXL	01, 02	35,36	2004	
PM	0110	Poultry meat	7	(fat)	CXL	01, 02	35,36	2004	The MRL accomodates external animal treatment.
PO	0111	Poultry, Edible offal of	10		CXL	01, 02	35,36	2004	The MRL accomodates external animal treatment.
VD	0070	Pulses	0.2	Po	CXL	01, 02	35,36	2004	
VL	0494	Radish leaves (including radish tops)	50		CXL	01, 02	35,36	2004	
VR	0075	Root and tuber vegetables	0.5		CXL	01, 02	35,36	2004	Except carrot
VL	0502	Spinach	50		CXL	01, 02	35,36	2004	
VO	0448	Tomato	2		CXL	01, 02	35,36	2004	
JF	0448	Tomato juice	0.3		CXL	01, 02	35,36	2004	
CM	0654	Wheat bran, Unprocessed	80	PoP	CXL	01, 02	35,36	2004	
CF	1211	Wheat flour	10	PoP	CXL	01, 02	35,36	2004	
CF	1210	Wheat germ	90	PoP	CXL	01, 02	35,36	2004	
CF	1212	Wheat wholemeal	30	PoP	CXL	01, 02	35,36	2004	

63 Pyrethrins

Main Uses 8 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)

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0080 Cereal grains	0.3	Po	CXL	00	36	2004	
FC	0001 Citrus fruits	0.05		CXL	00	34	2003	
DF	0167 Dried fruits	0.2	Po	CXL	00	35	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	
VD	0070 Pulses	0.1	Po	CXL	00	35	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	(*)	CXL	05	38	2006	

64 Quintozene

Main Uses 5 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)

AcuteRfD ()

RESIDUE Plant commodities: Quintozene (fat-soluble).

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	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	
VO 0445	Peppers, Sweet	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	

Part 1 - 53

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 5 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)

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0326 Avocado	15	Po	CXL	00	35	2003	
FI	0327 Banana	5	Po	CXL			1999	
MO	1280 Cattle kidney	1		CXL	00	35	2003	
MO	1281 Cattle liver	0.3		CXL	00	35	2003	
MM	0812 Cattle meat	0.1		CXL	00		2001	The MRL also accommodates veterinary uses (see also Volume 3, Section 1). The CCPR-32 amended the MRL for the sake of harmonization with the existing MRL for cattle muscle arising from veterinary uses (previously 0.05 mg/kg)(32.101). 0.1 mg/kg confirmed by the 2000 JMPR.
ML	0812 Cattle milk	0.2		CXL	00	35	2003	
FC	0001 Citrus fruits	10	Po	CXL	97	31		Withdrawal recommended (1997 JMPR). Retained for 4 years under the Periodic Review Procedure as new data became available for the 2000 JMPR review (31.65)
FC	0001 Citrus fruits	5	Po	7	06	40	39	The Committee decided to advance the proposed draft MRLs for citrus fruits of 5 mg/kg for adoption at Step 5 and to request JMPR to reconsider the statistical calculation used to derive the MRL for citrus at its next meeting (39-67).
FC	0001 Citrus fruits	7	Po	4	07	40		
PE	0112 Eggs	0.1		CXL			2001	
FI	0345 Mango	5	Po	CXL	00	35	2003	

Part 1 - 55

VO	0450	Mushrooms	60		CXL	97	33,37	32	2005	
FI	0350	Papaya	10		CXL	00	35		2003	
FP	0009	Pome fruits	3	Po	CXL	00	35		2003	
VR	0589	Potato	15	Po	CXL	00	35		2003	Postharvest use
PM	0110	Poultry meat	0.05		CXL				1999	
VS	0469	Witloof chicory (sprouts)	0.05	(*)	CXL				1999	

67 Cyhexatin

Main Uses 1 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)

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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	
JC	0001 Orange	0.2	CXL	05	38	2006	
FP	0230 Pear	0.2	CXL	05	38	2006	

70 Bromopropylate

Main Uses 1 Acaricide

JMPR 73, 93, 96R

ADI 0.03 mg/kg body weight (1993)

AcuteRfD ()

RESIDUE Bromopropylate.

Code	Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
	Code	Name						
FC	0001	Citrus fruits	2	CXL			1997	
VP	0526	Common bean (pods and/or 3 immature seeds)	3	CXL			1997	
VC	0424	Cucumber	0.5	CXL			1997	
FB	0269	Grapes	2	CXL			1997	
VC	0046	Melons, except watermelon	0.5	CXL			1997	
FS	0014	Plums (including prunes)	2	CXL			1995	
FP	0009	Pome fruits	2	CXL			1995	
VC	0431	Squash, summer	0.5	CXL			1997	
FB	0275	Strawberry	2	CXL			1995	

72 Carbendazim

Main Uses 5 Fungicide

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

ADI 0.03 mg/kg body weight (1995)

AcuteRfD 0.1 & 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, carbendazim 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.

The Committee decided to return all MRLs currently at Step 7 to Step 6, pending the evaluation of acute toxicity by the JMPR in 2005 (37-104). The EC indicated that based on the same toxicological data base, it set a lower ARfD than the JMPR and that the EC had intake concerns for cherries; grapes; lettuce, head; mango, and oranges. The Committee was advised that the JMPR had set different ARfDs for the general population and for women of child-bearing age while the EC policy was to set one ARfD for the general population only. The Committee decided to return the draft MRLs for cherries; grapes; lettuce, head; mango and oranges, sweet and sour to Step 6 (38-74-76). The Committee decided to retain the draft MRLs for cherries; grapes; lettuce, head; mango; oranges, sweet, sour at Step 7, awaiting the response from the JMPR to the concern form submitted by the Delegation of EC with respect to the ARfD established by JMPR. Some delegations pointed that the concerns of the EC were related to a policy in relation to safety and other factors and not to a specific evaluation and that the Committee should take a decision on the MRL at its next session (39-69).

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
FS 0240	Apricot	2	B	CXL			2001	
VS 0621	Asparagus	0.2	C	CXL	03	38 36	2006	Based on carbendazim use
FI 0327	Banana	0.2	B	CXL	98	38 34,36	2006	
GC 0640	Barley	0.5	C	CXL	94, 98	38 34,36	2006	
AS 0640	Barley straw and fodder, Dry2		C	CXL	98	38 34,36	2003	Based on Carbendazim data
VD 0071	Beans (dry)	0.5	Th	CXL	98	38 34,36	2006	
FB 0018	Berries and other small fruits1		B,Th	CXL	88, 94, 98	38 24,33, 35,36	2006	
VB 0402	Brussels sprouts	0.5	B	CXL			1991	Source of data: benomyl Confirmed (1998 JMPR)
VR 0577	Carrot	0.2	B	CXL	98	38 34,36	2006	
MM 0812	Cattle meat	0.05 (*)	B	CXL	98	38 34,36	2006	
FS 0013	Cherries	10	Th	7	03	40 36,37,38,39		Based on thiophanate-methyl use Previous JMPR: withdrawal recommended. EC would submit their concern and the data on which they based their ARfD. The EC concerns on existing CXLs should be brought to forward in the Priority WG.

Part 1 - 59

PF	0840	Chicken fat	0.05	(*)	B	CXL	98	38	34,36	2006	
SB	0716	Coffee beans	0.1	(*)	C	CXL	98	32		2001	Source of data: carbendazim
VP	0526	Common bean (pods and/or immature seeds)	0.5		Th	CXL	03	38	36	2006	Based on thiophanate-methyl use
VC	0424	Cucumber	0.05	(*)	b, C	CXL	98	38	34,36	2006	
MO	0105	Edible offal (mammalian)	0.05	(*)	B	CXL	98	38	34,36	2006	
PE	0112	Eggs	0.05	(*)	B	CXL	98	38	34,36	2006	
VP	0529	Garden pea, Shelled	0.02		Th	CXL	98	38	34,36	2006	
VC	0425	Gherkin	0.05	(*)	b,C	CXL	98	38	34,36	2006	
FB	0269	Grapes	3		b, Th	7	98	40	34,36,37,38,3		Pending 2005 JMPR evaluation (36-105).
VL	0482	Lettuce, Head	5		Th	7	73,75,78,83,88,94,98	40	24,33,36,37,3		Pending 2005 JMPR evaluation (36-105).
FI	0345	Mango	2		B	CXL	98	32		2001	Source of data: benomyl Retained
FI	0345	Mango	5		C	7	03	40	36,37,38,39		Based on carbendazime use. C=carbendazim use
ML	0106	Milks	0.05	(*)	B	CXL	98	38	34,36	2006	
FS	0245	Nectarine	2		B	CXL				2001	Source of data: benomyl
FC	0004	Oranges, Sweet, Sour	1		B	7	98	40	34,36,38,39		Pending 2005 JMPR evaluation (36-105).
FS	0247	Peach	2		B	CXL				2001	Source of data: benomyl
SO	0697	Peanut	0.1	(*)	Th	CXL	03	38	36	2006	Based on thiophanate-methyl use
AL	0697	Peanut fodder	3		Th	CXL	03	38	36	2006	Expressed on dry weight basis. Based on thiophanate-methyl use.
VO	0444	Peppers, Chili	2		C	CXL	03	38	36	2006	Based on carbendazime use.
FI	0353	Pineapple	5		B	CXL	98	34		2003	
FS	0014	Plums (including prunes)	0.5		B	CXL				2001	Source of data: benomyl
FP	0009	Pome fruits	3		B,c,th	CXL				2001	Source of data: benomyl, carbendazim, thiophanate-methyl. Based on benomyl use.
PM	0110	Poultry meat	0.05	(*)	B	CXL	98	38	34,36	2006	
SO	0495	Rape seed	0.05	(*)	C	CXL	98	38	34,36	2006	
AS	0649	Rice straw and fodder, Dry	15		B	CXL	98	38	34,36	2006	
CM	0649	Rice, Husked	2		B	CXL	98	38	34,36	2006	
GC	0650	Rye	0.05		C,Th	CXL	94, 98	38	34,36	2006	

Part 1 - 60

VD	0541	Soya bean (dry)	0.5		Th	CXL	03	38	36	2006	Based on thiophanate-methyl use
AL	0541	Soya bean fodder	0.1	(*)	C	CXL	98	32		2001	Source of data: carbendazim Retained pending data
VC	0431	Squash, summer	0.5		Th	CXL	03	38	36	2006	Based on thiophanate-methyl use
VR	0596	Sugar beet	0.1	(*)	Th	CXL	03	38	36	2006	Based on thiophanate-methyl use
VO	0448	Tomato	0.5		b,C	CXL				2001	Source of data: benomyl, carbendazim. Based on carbendazim use.
TN	0085	Tree nuts	0.1	(*)	B	CXL	98	32		2001	Source of data: benomyl
GC	0654	Wheat	0.05	(*)	b,Th	CXL	94, 98	38	34,36	2006	
AS	0654	Wheat straw and fodder, Dry1			B,C	CXL	98	38	34,36	2006	

74 Disulfoton

Main Uses 8 Insecticide / Acaricide

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

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

AcuteRfD 0.003 mg/kg body weight, confirmed 2006. (1996)

RESIDUE Sum of disulfoton, demeton-S and their sulphoxides and sulphones, expressed as disulfoton.

Note The Committee noted that the acute intake concerns had not been resolved even with the use of probabilistic method (36-106). The Committee returned the MRLs of broccoli; cabbages, head; cauliflower; lettuce head and leaf to Step 6 awaiting refinements in the acute dietary intake probabilistic methodology (36-107). The Committee decided to return all the MRLs currently at step 7 to step 6. Since this was the third time that the proposed MRLs have been returned to Step 6 for intake concerns, the Committee also decided to request the JMPR to review GAPs that may result in lower MRL recommendations (37-105).

The Committee decided to return the draft MRLs for broccoli; cabbages, head; cauliflower; lettuce, head and lettuce, leaf to Step 6 because of acute intake concerns, and to await the outcome of the JMPR residue evaluation in 2006 (38-77).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL 1020	Alfalfa fodder	5 (dry wt)	CXL			1995	
VS 0621	Asparagus	0.02 (*)	CXL	91	35	28, 31, 33	2003
GC 0640	Barley	0.2	CXL	91, 94	35	28, 29, 31, 33	2003
AS 0640	Barley straw and fodder, Dry3		CXL				1995
VD 0071	Beans (dry)	0.2	CXL	91, 94, 98	35	28, 29, 31, 33	2003
PE 0840	Chicken eggs	0.02 (*)	CXL	91	35	25, 28, 31,33	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	91, 94	35	28, 29, 31,33	2003
SO 0691	Cotton seed	0.1	CXL	91, 94, 98	35	28, 30, 31	2003
VP 0528	Garden pea (young pods)	0.1	CXL	91, 94	35	28, 29, 31, 33	2003
VP 0529	Garden pea, Shelled	0.02 (*)	CXL	91, 94	35	28, 31, 33	2003
GC 0645	Maize	0.02 (*)	CXL	91, 94, 98	35	26, 33	2003
AS 0645	Maize fodder (dry)	3	CXL				1995
ML 0107	Milk of cattle, goats & sheep	0.01	CXL	91, 94	35	25, 26, 28,	2003
AS 0647	Oat straw and fodder, Dry	0.05	CXL	91, 94	35	26, 28, 29,	2003

Part 1 - 62

GC	0647	Oats	0.02	(*)	CXL	91, 94	35	28, 31, 33	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	91	35	28, 31, 33	2003
VR	0596	Sugar beet	0.2		CXL				1995
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	91	35	28, 31, 33	2003
VO	1275	Sweet corn (kernels)	0.02	(*)	CXL	91	35	28, 31, 33	2003
AO1	0002	Vegetables (except as otherwise listed)	0.5		CXL		25	23	
GC	0654	Wheat	0.2		CXL	91, 94	35	28, 29, 31,	2003
AS	0654	Wheat straw and fodder, Dry5			CXL	91, 94	35	26, 28, 29,	2003

To be recommended for deletion when proposals of the relevant individual commodities reach Step 8 (25.96)

79 Amitrole

Main Uses 7 Herbicide

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

ADI 0.002 mg/kg body weight (1997)

AcuteRfD ()

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

81 Chlorothalonil

Main Uses 5 Fungicide

JMPR 74,77,78R,79,81,83,85,87T,88R,90,92T,93R', 97R

ADI 0.03 mg/kg body weight (1990; confirmed 1992)

AcuteRfD ()

RESIDUE Chlorothalonil.

Note The CCPR-33 invited the banana producing countries to submit data on unbagged bananas (33.127).
The 35 CCPR recommended to consider revocation of the remaining CXLs if no longer supported.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0327 Banana	0.01 (*)	CXL			2001	Based on trials with bagged bananas.
GC	0640 Barley	0.1	CXL			1995	
AS	0640 Barley straw and fodder, Dry	20	CXL			1995	
VD	0071 Beans (dry)	0.2	CXL			1999	
VB	0400 Broccoli	5	CXL				Confirmed (1997 JMPR)
VB	0402 Brussels sprouts	5	CXL				
VB	0041 Cabbages, Head	1	CXL			1995	
VR	0577 Carrot	1	CXL				
VB	0404 Cauliflower	1	CXL			1995	
VS	0624 Celery	10	CXL			1997	
HH	0624 Celery leaves	3	CXL			1999	
FS	0013 Cherries	0.5	CXL			1995	
VP	0526 Common bean (pods and/or 5 immature seeds)		CXL				
FB	0265 Cranberry	5	CXL				
VC	0424 Cucumber	5	CXL				
FB	0021 Currants, Black, Red, White	5	CXL			1999	
FB	0269 Grapes	0.5	CXL			1995	
VC	0046 Melons, except watermelon	2	CXL			1997	
VA	0385 Onion, Bulb	0.5	CXL			1995	

Part 1 - 65

HH	0740	Parsley	3		CXL	1999
FS	0247	Peach	0.2		CXL	1999
SO	0697	Peanut	0.05		CXL	1995
VO	0445	Peppers, Sweet	7		CXL	1999
VR	0589	Potato	0.2		CXL	1997
VC	0431	Squash, summer	5		CXL	
VR	0596	Sugar beet	0.2		CXL	1995
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	1999
VO	0448	Tomato	5		CXL	
GC	0654	Wheat	0.1		CXL	1995
AS	0654	Wheat straw and fodder, Dry20			CXL	1995
VC	0433	Winter squash	5		CXL	

82 Dichlofluanid

Main Uses 5 Fungicide

JMPR 69, 74, 77, 79, 81R, 82R, 83, 85R

ADI 0.3 mg/kg body weight (1983)

AcuteRfD ()

RESIDUE Dichlofluanid

Note This compound will not be supported beyond 2000 but an alternative compound, tolylfluanid (162) will be. It was proposed that the existing CXLs be retained until the registration of dichlofluanid expires (29.58).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	5					CXL
VC 0424	Cucumber	5					CXL
FB 0021	Currants, Black, Red, White	15					CXL
FB 0268	Gooseberry	7					CXL
FB 0269	Grapes	15					CXL
VL 0482	Lettuce, Head	10					CXL
VA 0385	Onion, Bulb	0.1					CXL
FS 0247	Peach	5					CXL
FP 0230	Pear	5					CXL
VO 0051	Peppers	2					CXL
VR 0589	Potato	0.1					CXL
FB 0272	Raspberries, Red, Black	15					CXL
FB 0275	Strawberry	10					CXL
VO 0448	Tomato	2					CXL

83 Dicloran

Main Uses 5 Fungicide

JMPR 74, 77, 98, 03R

ADI 0.01 mg/kg body weight (1998)

AcuteRfD Unnecessary (JMPR 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). The Committee was informed that new data on lettuce; plums; strawberries and tomatoes will become available by the end of 2004 (36-112).

Commodity		MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR		CAC	Note
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				2001	
FS	0247 Peach	7	Po	CXL	03	36		2004	

84 Dodine

Main Uses 5 Fungicide

JMPR 74, 76, 77R, 00T, 03R

ADI 0.1 mg/kg body weight (2000)

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FS	0013 Cherries	3	CXL	03	36,37	2005	
FS	0245 Nectarine	5	CXL	03	36,37	2005	
FS	0247 Peach	5	CXL	03	36,37	2005	
FP	0009 Pome fruits	5	CXL	03	36,37	2005	

85 Fenamiphos

Main Uses 8 Insecticide

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

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

AcuteRfD 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). 36th CCPR decided to consider the deletion of the of the CXLs for grapes, pineapple and carrot because of acute intake concerns at its 37th session (116). The Committee noted that acute intake concerns existed for peppers; tomato and watermelon and decided to request JMPR to review GAPs that may result in lower MRL recommendations (37-108).

The Committee decided to return the MRLs for peppers; tomato and watermelon to Step 6 noting the acute intake concerns identified by JMPR for these commodities and agreed to request the 2006 JMPR to consider using alternative GAPs to recommend lower MRLs for these commodities (38-78).

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

86 Pirimiphos-Methyl

Main Uses 8 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)

AcuteRfD 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.

Note The Committee noted the EC concern that JMPR had established higher ADI and ARfD values than those established by the EC (39-86).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
GC	0080 Cereal grains	7 Po	CXL	03	37	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	36,37	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	36,37	2005	

87 Dinocap

Main Uses 5 Fungicide

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

ADI 0.008 mg/kg body weight (1998)

AcuteRfD 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 Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.2	CXL	98	34 32	2003	
VC 0045	Fruiting vegetables, Cucurbits	0.05 (*)	CXL	98	34 32	2003	
FB 0269	Grapes	0.5	CXL	98, 00	35 32	2003	
FS 0247	Peach	0.1	CXL	98	34 32	2003	
VO 0051	Peppers	0.2	CXL	98	34 32	2003	
FB 0275	Strawberry	0.5	CXL	98	34 32	2003	Except glasshouse-grown strawberry
VO 0448	Tomato	0.3	CXL	99	34 32	2003	

90 Chlorpyrifos-Methyl

Main Uses 8 Insecticide

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

ADI 0.01 mg/kg body weight (1992)

AcuteRfD Unnecessary (JMPR 2001). ()

RESIDUE Chlorpyrifos-methyl (fat-soluble).

Note MRLs returned 2nd time to Step 6 due to intake concerns (37--110).

The Committee decided to return the draft MRLs for barley; oats and rice to Step 6 pending the JMPR toxicity evaluation in 2008 and the residue evaluation in 2009. The JMPR secretariat informed the committee that it would consider scheduling both evaluations in 2008 (38-79). The Committee decided to maintain the proposed draft MRLs for barley, oats and rice at Step 7 due to intake concerns awaiting the outcome of the periodic re-evaluation by the 2009 JMPR (39-75).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.5	CXL				
VS 0620	Artichoke, Globe	0.1	CXL				
GC 0640	Barley	10	7	91, 94	40	25, 26, 28,	Confirmed (1994 JMPR). Returned the MRL to Step 6 awaiting review by JMPR (36-119).
VB 0041	Cabbages, Head	0.1	CXL				
MF 0812	Cattle fat	0.05	CXL				
MM 0812	Cattle meat	0.05	CXL				
MO 0812	Cattle, Edible offal of	0.05	CXL				
PF 0840	Chicken fat	0.05	CXL				
PM 0840	Chicken meat	0.05	CXL				
PO 0840	Chicken, Edible offal of	0.05	CXL				
VL 0467	Chinese cabbage (type pe-tsai)	0.1	CXL				
VP 0526	Common bean (pods and/or immature seeds)	0.1	CXL				
FT 0295	Date	0.05	CXL			1995	
VO 0440	Egg plant	0.1	CXL				
PE 0112	Eggs	0.05	CXL				
FB 0269	Grapes	0.2	CXL			1995	

Part 1 - 73

VL	0482	Lettuce, Head	0.1		CXL						
ML	0106	Milks	0.01	(*)	CXL						
VO	0450	Mushrooms	0.01	(*)	CXL					1995	
GC	0647	Oats	10	Po	7	91, 94	40	26, 28, 29,			Confirmed (1994 JMPR). Returned the MRL to Step 6 awaiting review by JMPR (36-119).
FC	0004	Oranges, Sweet, Sour	0.5		CXL					1995	
FS	0247	Peach	0.5		CXL						
VO	0051	Peppers	0.5		CXL					1995	
VR	0494	Radish	0.1		CXL						
GC	0649	Rice	0.1		CXL						
GC	0649	Rice	10	Po	7	94	40	28, 29,			Returned the MRL to Step 6 awaiting review by JMPR (36-119).The Delegation Republic of Korea informed the Committee of their chronic dietary intake concerns with the rice MRL and the Committee requested the Delegation Republic of Korea to submit their intake calculations to JMPR (36-120).
GC	0651	Sorghum	10	Po	CXL		26				
DT	1114	Tea, Green, Black	0.1		CXL						
VO	0448	Tomato	0.5		CXL						
GC	0654	Wheat	10	Po	CXL		26				
CM	0654	Wheat bran, Unprocessed	20	PoP	CXL						
CF	1211	Wheat flour	2	Po	CXL						
CP	1211	White bread	0.5	PoP	CXL						
CP	1212	Wholemeal bread	2	PoP	CXL						

93 Bioresmethrin

Main Uses 8 Insecticide

JMPR 75R, 76, 91

ADI 0.03 mg/kg body weight (1991)

AcuteRfD ()

RESIDUE Bioresmethrin.

Commodity		MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
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 8 Insecticide

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

ADI 0.02 mg/kg body weight (2001)

AcuteRfD 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).

36th CCPR decided to return draft MRLs for apple and pear to Step 6 because of acute intake concerns (122) and to consider revocation of the CXLs for sweet corn and tomato at its 37th session because of acute intake concerns (125). Residue definition changed in 2004.

The Committee noted that there were acute intake concerns identified by JMPR for many commodities and decided to return draft MRLs for apple; brassica vegetables; celery; fruiting vegetables; cucurbits; grapes; leafy vegetables and pears to Step 6.

The Committee decided to request JMPR to consider using alternative GAPs to recommend lower MRLs for these commodities and to possibly replace the group MRL for cucurbits with individual cucurbits (38-80,81). The Committee decided to maintain the proposed draft MRLs for Brassica vegetables, celery, fruiting vegetables, cucurbits, grapes and leafy vegetables at Step 7 awaiting the outcome of the 2008 JMPR evaluation (alternative GAP) (39-77).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL 1020	Alfalfa fodder	20	CXL	01	35,36,37	2005	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
FP 0226	Apple	2	7	01	40 35,36,37,38,3		Resulting from consideration of thiodicarb supervised field trial data. Resulting from consideration of thiodicarb supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD (2001 JMPR). The 36th CCPR decided to return the proposals for the draft MRLs to Step 6 because of acute intake concerns (122).
VS 0621	Asparagus	2	CXL			1991	Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR). Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR).

Part 1 - 76

GC	0640	Barley	2	CXL	01	35,36,37	2005	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
AL	0061	Bean fodder	10	CXL	01	35,36,37	2005	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
VD	0071	Beans (dry)	0.05	CXL	01	35,36	2004	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
VP	0061	Beans, except broad bean and soya bean	1	CXL	01	35,36,37	2005	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
VB	0040	Brassica vegetables	7	7	01	40	35,36,37,38,3	Resulting from consideration of methomyl+thiodicarb supervised field trial data. Resulting from consideration of methomyl+thiodicarb supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD (2001 JMPR)
VB	0041	Cabbages, Head	5	CXL			1991	To be replaced by MRL for Brassica vegetables (2001 JMPR)
VB	0404	Cauliflower	2	CXL			1991	To be replaced by MRL for Brassica vegetables (2001 JMPR)
VS	0624	Celery	2	CXL			1991	
VS	0624	Celery	3	7	01	40	35,36,37,38,3	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD (2001 JMPR).
FC	0001	Citrus fruits	1	CXL			1991	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR)

Part 1 - 77

AB	0001	Citrus pulp, Dry	3		CXL	01	35,36,37		2005	
VP	0526	Common bean (pods and/or 1 immature seeds)			CXL	01	35,36		2004	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
AB	0691	Cotton seed, hulls	0.2		CXL	01	35,36		2004	
SO	0691	Cotton seed	0.2		CXL	01	35,36		2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data. Resulting from consideration of methomyl+thiodicarb supervised field trial data.
AB	1203	Cotton seed , meal	0.05		CXL	01	35,36		2004	
OR	0691	Cotton seed oil, Edible	0.04		CXL	01	35,36		2004	
VC	0424	Cucumber	0.2		CXL				1991	To be replaced with MRL for cucurbits, fruiting vegetables (2001 JMPR)
MO	0105	Edible offal (mammalian)	0.02	(*)	CXL	01	35,36		2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
PE	0112	Eggs	0.02	(*)	CXL	01	35,36		2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
VC	0045	Fruiting vegetables, Cucurbits	0.1		7	01	40	36,37,38,39		Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary intake for watermelon would be below the acute RfD (2001 JMPR).
FB	0269	Grapes	5		CXL				1991	
FB	0269	Grapes	7		7	01	40	35,36,37,38,3		Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD (2001 JMPR)
VL	0053	Leafy vegetables	30		7	01	40	35,36,37,38,3		Resulting from consideration of methomyl+thiodicarb supervised field trial data. Resulting from consideration of methomyl+thiodicarb supervised field trial data.

Part 1 - 78

VL	0482	Lettuce, Head	5		CXL			1991	To be replaced by MRL for leafy vegetables (2001 JMPR)
GC	0645	Maize	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl supervised field trial data.
OR	0645	Maize oil, Edible	0.02	(*)	CXL	01	35,36	2004	
MM	0095	Meat (from mammals other than marine mammals)	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
VC	0046	Melons, except watermelon	0.2		CXL			1991	To be replaced by MRL for cucurbits, fruiting vegetables (2001 JMPR)
ML	0106	Milks	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
AM	0738	Mint hay	0.5		CXL	04	37	2005	
FS	0245	Nectarine	0.2		CXL	01	35,36	2004	
GC	0647	Oats	0.02	(*)	CXL	01	35,36	2004	
VA	0385	Onion, Bulb	0.2		CXL			1991	Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR).
AL	0528	Pea vines (green)	40		CXL	01	35, 36, 38	2006	
FS	0247	Peach	0.2		CXL	01	35,36	2004	Resulting from consideration of methomyl supervised field trial data.
FP	0230	Pear	0.3		CXL	01	38,39 35,36,37	2007	Resulting from consideration of methomyl supervised field trial data.
VP	0063	Peas (pods and succulent=immature seeds)	5		CXL			1991	Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR)
VO	0051	Peppers	0.7		CXL	04	37	2005	
FS	0014	Plums (including prunes)	1		CXL	01	35,36	2004	
VR	0589	Potato	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
PM	0110	Poultry meat	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	01	35,36	2004	Resulting from consideration of methomyl+thiodicarb supervised field trial data.

Part 1 - 79

SO	0495	Rape seed	0.05	CXL	01	35,36	2004	Resulting from consideration of thiodicarb supervised field trial data.
VD	0541	Soya bean (dry)	0.2	CXL				Based on thiodicarb use
AL	0541	Soya bean fodder	0.2	CXL	01	35,36	2004	
AB	0541	Soya bean hulls	1	CXL	01	35,36	2004	
AB	1265	Soya bean meal	0.2	CXL	01	35,36	2004	
OC	0541	Soya bean oil, Crude	0.2	CXL	01	35,36	2004	
OR	0541	Soya bean oil, Refined	0.2	CXL	01	35,36	2004	
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	10	CXL	01	35,36	2004	Resulting from consideration of methomyo+thiodicarb supervised field trial data. Resulting from consideration of methomyo+thiodicarb supervised field trial data.
VC	0432	Watermelon	0.2	CXL			1991	To be replaced by MRL for cucurbits, fruiting vegetables (2001 JMPR)
GC	0654	Wheat	2	CXL	01	35,36,37	2005	Resulting from consideration of methomyl supervised field trial data. Resulting from consideration of methomyl supervised field trial data.
CM	0654	Wheat bran, Unprocessed	3	CXL	01	35,36,37	2005	
CF	1211	Wheat flour	0.03	CXL	01	35,36,37	2005	
CF	1210	Wheat germ	2	CXL	01	35,36,37	2005	
AS	0654	Wheat straw and fodder, Dry5		CXL			1991	

95 Acephate

Main Uses 8 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 (2005)

AcuteRfD 0.1 mg/kg body weight (2005)

RESIDUE For compliance with MRLs: acephate. For estimation of dietary intake: acephate and methamidophos. The definitions apply to both plant and animal commodities.

Note Previous ADI: 0.03 mg/kg bw (1988; confirmed 1990). The Committee decided to retain the CXLs for broccoli and cauliflower until the MRL for flowerhead brassicas reaches Step 8 and to retain the CXLs for cattle meat and pig meat until the MRL for meat (from mammals other than marine mammals) reaches Step 8 (36-128).

The Committee also decided to return the MRLs for flowerhead brassicas; mandarins; nectarine; peach and pome fruits to Step 6 and to request JMPR to consider using alternative GAPs to recommend lower MRLs for these commodities (38-84). The Committee decided to retain the draft MRLs for flowerhead brassicas and mandarins at Step 7 awaiting the outcome of the 2009 JMPR evaluation (alternative GAP). The Committee decided to return for the second time the MRLs for nectarine; peach; peppers; and pome fruits to Step 6 because of intake concerns (39-78;79).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0620 Artichoke, Globe	0.3	CXL	03	36,37	2005	
VP	0061 Beans, except broad bean and soya bean	5	CXL	03	38 36,37	2006	
VB	0400 Broccoli	2	CXL			1999	Withdrawal recommended (JMPR 2003)
VB	0404 Cauliflower	2	CXL			1999	Withdrawal recommended (JMPR 2003)
FB	0265 Cranberry	0.5	CXL	06	39	2007	
MO	0105 Edible offal (mammalian)	0.05	CXL	03	36,37	2005	
PE	0112 Eggs	0.01 (*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR

Part 1 - 81

VB	0042 Flowerhead brassicas	2	7	03	40	36,37,38,39	<p>1. The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. 2. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for general population.</p> <p>1. The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. 2. The information provided precludes an estimate that the dietary intake would be below the acute RfD for general population.</p>
FC	0003 Mandarins	7	7	03	40	36,37,38,39	<p>1. The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. 2. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for general population.</p>
MM	0095 Meat (from mammals other than marine mammals)	0.05	CXL	03	36,37	2005	
ML	0106 Milks	0.02	CXL	03	36,37	2005	
FS	0245 Nectarine	2	7	03	40	36,37,38,39	<p>The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below.</p>
FS	0247 Peach	2	7	03	40	36,37,38,39	<p>The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below.</p>
VO	0051 Peppers	5	7	03	40	36,37,38,39	<p>1. The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. 2. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for general population.</p>

Part 1 - 82

FP	0009	Pome fruits	7		7	03	40	36,38,39		1. The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below. 2. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for general population.
PF	0111	Poultry fats	0.1			CXL				
PM	0110	Poultry meat	0.01	(*)		CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR
PO	0111	Poultry, Edible offal of	0.01	(*)		CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR
VD	0541	Soya bean (dry)	0.3			CXL	03	36,37	2005	

96 Carbofuran

Main Uses 8 Insecticide

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

ADI 0-0.002 mg/kg body weight (1996)

AcuteRfD 0.009 mg/kg body weight (2004)

RESIDUE For compliance with MRLs: sum of carbofuran and 3-hydroxycarbofuran expressed as carbofuran. For estimation of dietary intake in plant and animal commodities: sum of carbofuran, 3-hydroxycarbofuran and conjugated 3-hydroxycarbofuran, expressed as carbofuran.

Note CCPR 35 asked the WHO GEMS/FOOD to perform a full acute intake assessment based on all commodities (para93). CCPR 36 returned to Step 6 MRLs for cantaloupe; cucumber; mandarin; oranges, sweet, sour; squash, summer; sweet corn (corn-on-the-cob) for acute intake concerns (para.130). The 36th Session of the Committee noted that the EC had established an acute RfD ten times lower than that established by JMPR, and the EC was invited to submit their data to JMPR (36-129). The Committee was advised that the EC had established an ARfD ten times lower than that established by JMPR. The Delegations of Canada and the USA also informed the Committee that their national ARfD was much lower than the JMPR ARfD. The WHO Joint Secretary of the JMPR informed the Committee that the relevant information from the EC had been received and that JMPR considered another study to be the critical one (37-116).

The Committee was informed that the USA will send new data for evaluation of the ARfD and requested that the compound be scheduled for review by the JMPR (38-86). The Committee decided to maintain the MRLs for cantaloupe, cucumber, mandarin, oranges, sweet, sour; potato, squash, and sweet corn to Step 7 awaiting the evaluation by 2008 JMPR. The Delegation of USA informed the Committee that they would re-submit new data on toxicology to JMPR for reviewing the ARfD (39-80;81).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	10	CXL			1999	
FI	0327 Banana	0.1 (*)	CXL				Confirmed (1997 JMPR).
VC	4199 Cantaloupe	0.2	7	97	40	31,33,36,37,3	Returned to Step 6 due to intake concerns (36-130)
MF	0812 Cattle fat	0.05 (*)	CXL				Confirmed (1997 JMPR).
AB	0001 Citrus pulp, Dry	2	CXL			2001	Based on the use of carbosulfan.
SB	0716 Coffee beans	1	CXL			1999	
SO	0691 Cotton seed	0.1	CXL	02	35,36	2004	
VC	0424 Cucumber	0.3	7	97	40	31,33,36,37,3	Returned to Step 6 due to intake concerns (36-130)
MO	0096 Edible offal of cattle, goats, horses, pigs & sheep	0.05 (*)	CXL				Confirmed (1997 JMPR).
MF	0814 Goat fat	0.05 (*)	CXL				Confirmed (1997 JMPR).
MF	0816 Horse fat	0.05 (*)	CXL				Confirmed (1997 JMPR).
GC	0645 Maize	0.05 (*)	CXL	03	36,37	2005	Based on the use of carbosulfan.
FC	0206 Mandarin	0.5	7	99	40	33,36,37,38,3	Based on the use of carbosulfan.

Part 1 - 84

MM	0096	Meat of cattle, goats, horses, pigs & sheep	0.05	(*)	(*)					CXL	Confirmed (1997 JMPR).
ML	0106	Milks	0.05	(*)	CXL						Confirmed (1997 JMPR).
FC	0004	Oranges, Sweet, Sour	0.5		7	97	40	31,36,33,37,3			Returned to Step 6 due to intake concerns (32.116)
MF	0818	Pig fat	0.05	(*)	CXL						Confirmed (1997 JMPR).
VR	0589	Potato	0.1	(*)	CXL				1999		
VR	0589	Potato	0.2		7	03	40	37,38,39			Based on the use of carbosulfan. 2003 JMPR : the estimates for carbofuran results from the use of carbosulfan. Previous JMPR: 0.1*
SO	0495	Rape seed	0.05	(*)	CXL	02		35,36		2004	
AS	0649	Rice straw and fodder, Dry	1		CXL	02		35,36		2004	
CM	0649	Rice, Husked	0.1		CXL	02		35,36		2004	
MF	0822	Sheep fat	0.05	(*)	CXL						Confirmed (1997 JMPR).
GC	0651	Sorghum	0.1	(*)	CXL						Confirmed (1997 & 1999 JMPR).
AS	0651	Sorghum straw and fodder, Dry	0.5		CXL					2001	
VC	0431	Squash, summer	0.3		7	97	40	31,33,36,37,3			Returned to Step 6 due to intake concerns (36-130).
VR	0596	Sugar beet	0.2		CXL	03		36,37		2005	Based on the use of carbosulfan.
GS	0659	Sugar cane	0.1	(*)	CXL						Confirmed (1997 JMPR). India would submit data to support a review of the existing CXL for sugar cane (36-134).
SO	0702	Sunflower seed	0.1	(*)	CXL					1999	
VO	0447	Sweet corn (corn-on-the-cob)	0.1		7	97	40	31,33,36,38,3			Confirmed (1999 JMPR).

100 Methamidophos

Main Uses 8 Insecticide

JMPR 76, 79R, 81R, 82, 84R, 85T, 89R, 90, 94R, 96R, 97R, 02T,04R

ADI 0-0.004 mg/kg body weight (1990; confirmed 2002.)

AcuteRfD 0.01 mg/kg body weight (2002)

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: methamidophos.

Note The Committee also decided to return the draft MRLs for cabbages, head, flowerhead brassicas, mandarins, nectarine, peach, peppers, pome fruits and tomato to Step 6 because of acute intake concerns identified by JMPR and decided to request JMPR to consider alternative GAPs for methamidophos and for acephate, where appropriate, to recommend lower MRLs for these commodities (38-88). The Committee decided to retain the draft MRLs for flowerhead brassicas and mandarins at Step 7 awaiting the outcome of the 2009 JMPR evaluation (alternative GAP) for acephate (095). The Committee decided to return the draft MRLs for nectarine; peach; peppers and pome fruits to Step 6 because of intake concern arising from the use of acephate (095) (39-82;83).

Commodity Code	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0620 Artichoke, Globe	0.2	Ac	CXL	03	36,37	2005	
VP	0061 Beans, except broad bean and soya bean	1	Ac	CXL	03	38 36,37		This recommendation arises from the use of acephate.
VB	0404 Cauliflower	0.5		CXL	03	36	1999	Based on treatment with methamidophos or acephate. 2003 JMPR: Withdrawal recommended
SO	0691 Cotton seed	0.2		CXL	03	36,37	2005	Previous MRL: 0.1
MO	0105 Edible offal (mammalian)	0.01 (*)		CXL	03	36,37	2005	
PE	0112 Eggs	0.01 (*)		CXL	03	36,37	2005	
VB	0042 Flowerhead brassicas	0.5	Ac	7	03	40 36,37,38,39		This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD. This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate.
AM	1051 Fodder beet	0.02		CXL	03	36,37	2005	

Part 1 - 86

FC	0003	Mandarins	0.5		Ac	7	03	40	36,37,38,39		Including mandarin-like hybrids. This recommendation arises from the use of acephate. JMPR 2003: This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate.
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	03		36,37	2005	
ML	0106	Milks	0.02			CXL	03		36,37	2005	Previous MRL 0.01*
FS	0245	Nectarine	0.5		Ac	7	03	40	36,37,38,39		This recommendation arises from the use of acephate. This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate.
FS	0247	Peach	0.5		Ac	7	03	40	36,37,38,39		This recommendation arises from the use of acephate. This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate.
VO	0051	Peppers	2		Ac	7	03	40	36,37,38,39		This recommendation arises from the use of acephate.
VO	0444	Peppers, Chili	2			CXL	03		36	1993	2003 JMPR: Withdrawal recommended
VO	0445	Peppers, Sweet	1			CXL	03		36	1993	2003 JMPR: Withdrawal recommended

Part 1 - 87

FP	0009	Pome fruits	0.5		Ac	7	03	40	36,37,38,39						This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD. This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate. This recommendation arises from the use of acephate. The information provided to the JMPR precludes an estimate that the dietary intake for acephate (acephate and methamidophos) would be below the acute RfD for acephate, see acephate.
VR	0589	Potato	0.05				CXL	03	36,37			2005			Previous MRL: 0.05
PM	0110	Poultry meat	0.01	(*)			CXL	03	36,37			2005			
PO	0111	Poultry, Edible offal of	0.01	(*)			CXL	03	36,37			2005			
VD	0541	Soya bean (dry)	0.1			Ac	CXL	03	36,37			2005			This recommendation arises from the use of acephate.
VR	0596	Sugar beet	0.02				CXL	03	36,37			2005			

101 Pirimicarb

Main Uses 2 Aphicide

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

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0620 Artichoke, Globe	5	CXL	06	39	2007	
VS	0621 Asparagus	0.01 (*)	CXL	06	39	2007	
FB	0018 Berries and other small fruits1		CXL	06	39	2007	Excludes strawberries and grapes
VB	0040 Brassica vegetables	0.5	CXL	06	39	2007	
GC	0080 Cereal grains	0.05	CXL	06	39	2007	Except rice.
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	CXL	06	39	2007	Excludes edible fungi and sweet corn (both cernels and corn-on-the-cob)
VC	0045 Fruiting vegetables, Cucurbits 1		CXL	06	39	2007	Excludes melons and water melons
VA	0381 Garlic	0.1	CXL	06	39	2007	
VL	0480 Kale	0.3	CXL	06	39	2007	
VP	0060 Legume vegetables	0.7	CXL	06	39	2007	Excludes soya beans
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	

Part 1 - 89

VA	0385	Onion, Bulb	0.1			CXL	06	39	2007	
AL	0072	Pea hay or pea fodder (dry)	60		dry wt	CXL	06	39	2007	
FP	0009	Pome fruits	1			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	
VD	0070	Pulses	0.2			CXL	06	39	2007	Excludes soya bean (dry)
SO	0495	Rape seed	0.05			CXL	06	39	2007	
VR	0075	Root and tuber vegetables	0.05			CXL	06	39	2007	
FS	0012	Stone fruits	3			CXL	06	39	2007	
AS	0081	Straw and fodder (dry) of cereal grains	0.3		dry wt	CXL	06	39	2007	Excludes rice straw and fodder, dry
SO	0702	Sunflower seed	0.1			CXL	06	39	2007	
VO	1275	Sweet corn (kernels)	0.05			CXL	06	39	2007	

102 Maleic Hydrazide

Main Uses 16 Plant Growth Regulator

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

ADI 0.3 mg/kg body weight (1996)

AcuteRfD ()

RESIDUE Maleic hydrazide.

Note The 1998 JMPR changed the residue definition.

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VA	0381 Garlic	15	CXL			2001	
VA	0385 Onion, Bulb	15	CXL			1999	Confirmed (1998 JMPR).
VR	0589 Potato	50	CXL			1999	Confirmed (1998 JMPR).
VA	0388 Shallot	15	CXL			2001	

103 Phosmet

Main Uses 8 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)

AcuteRfD 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). The EC was likely to establish a lower AcuteRfD than recently established by the JMPR. The EC would send to JMPR data on how their acute RfD had been derived (36-139). The Committee noted the comments of the European Community that the JMPR ARfD was not acceptable since it is based on human data (37-125).

The Committee decided to return the draft MRLs for apricot, blueberries, citrus fruits, nectarine and pome fruits to Step 6 and decided to request JMPR to consider using alternative GAP to recommend lower MRLs for these commodities (38-90). The Committee decided to return the MRLs for apricot, blueberries, citrus fruits, nectarine and pome fruits to Step 6 due to intake concerns waiting the evaluation by JMPR 2007 (alternative GAP) (39-89).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	10	CXL	97	31		Confirmed (1997 JMPR). To be replaced by the MRL for pome fruits (2002 JMPR).
FS 0240	Apricot	5	CXL				
FS 0240	Apricot	10	7	97	40	31,33,36,37,3	Returned to Step 6 due to acute intake concerns (36-138)
FS 0240	Apricot	10	4	07	40		
FB 0020	Blueberries	10	CXL	97	32	31	Withdrawal recommended (1997 JMPR). Retained under the Periodic Review pending information on the support (31.81). Support confirmed (32.119)
FB 0020	Blueberries	15	7	02	40	35,36,37,38,3	Returned to Step 6 due to acute intake concerns (36-138).
FB 0020	Blueberries	15	4	07	40		
FC 0001	Citrus fruits	5	CXL	97	31		Withdrawal recommended (1997 JMPR). Retained under the Periodic Review pending information on the support (31.81). Support confirmed (32.119)
FC 0001	Citrus fruits	3	7	02	40	35,36,37,38,3	Returned to Step 6 due to acute intake concerns (36-138).
FC 0001	Citrus fruits	3	4	07	40		
SO 0691	Cotton seed	0.05	CXL				2001
FB 0269	Grapes	10	CXL				Confirmed (1997 JMPR).

Part 1 - 92

FS	0245 Nectarine	5		CXL	97	31			Withdrawal recommended (1997 JMPR). Retained under the Periodic Review pending information on the support (31.81). Support confirmed (31.119)
FS	0245 Nectarine	10		7	02	40	35,36,37,38,3		Returned to Step 6 due to acute intake concerns (36-138)
FS	0245 Nectarine	10		4	07	40			
FS	0247 Peach	10		CXL		31			Confirmed (1997 JMPR).
FP	0230 Pear	10		CXL	97	31,36			To be replaced by the MRL for pome fruits.
FP	0009 Pome fruits	10		7	02	40	35,36,37,38,3		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
FP	0009 Pome fruits	3		4	07	40			
VR	0589 Potato	0.05	(*)	CXL				2001	
TN	0085 Tree nuts	0.2		CXL	02	35,36		2004	

105 Dithiocarbamates

Main Uses 5 Fungicide

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

ADI (1)

AcuteRfD ()

RESIDUE For compliance with MRLs in plant and estimation of dietary intake in plant and animal commodities: total dithiocarbamates, determined as CS₂, evolved during acid digestion and expressed as mg CS₂/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 JMPPR changed the expression of residue definition. Propineb: ADI for propineb 0-0.007 mg/kg/bw. Interim ARfD: 0.1 mg/kg/bw. The WHO Core Assessment Group is occasionally asked by the FAO Panel of Experts to establish an ARfD for compounds that were not scheduled for toxicological evaluation for use in the acute dietary risk assessment. This value is derived on an ad hoc basis from available data from previous meetings and therefore called interim ARfD. It can be used in dietary risk assessments until they are replaced by a full evaluation, if this is considered necessary. Residue for compliance with MRLs in plant and animal commodities: total dithiocarbamates, determined as CS₂, evolved during acid digestion and expressed as mg CS₂/kg. Residue for estimation of dietary intake in plant and animal commodities: sum of propineb and propylenethiourea. The 1996 JMPPR recommended that the MRL for dithiocarbamates should be designated as temporary pending review of data on environmental fate. The 2003 CCPR considered a proposal to reduce the range of environmental fate studies to be reviewed by the JMPPR (CX/PR 03/18, Agenda Item 18). The Committee agreed that the JMPPR "... should proceed with the consideration of environmental fate but should focus on those aspects that were most relevant to MRL setting" and that the current data requirements should be revised accordingly (ALINORM 03/24A, para 212). The matter was also referred to the Codex Alimentarius Commission (CAC) and the CAC concurred with the CCPR recommendation (25th Session of the CAC, July 2003, Rome). Some commodities contain natural compounds that generate CS₂ (36-201). The JMPPR 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	Commodity Name	MRL (mg/kg)		Step	JMPPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	20		N,z	CXL		1999	Source of data: maneb, ziram
TN	0660 Almonds	0.1	(*)	N, Z	CXL		1999	Source of data: maneb, ziram
FP	0226 Apple	2			CXL 04	37		Source of data: propineb 2004 JMPPR: Withdrawal recommended
VS	0621 Asparagus	0.1		c	CXL		1999	Source of data: mancozeb
FI	0327 Banana	2		c	CXL		1999	Source of data: mancozeb
GC	0640 Barley	1		c	CXL		1999	Source of data: mancozeb
AS	0640 Barley straw and fodder, Dry25			C, n	CXL		1999	Source of data: mancozeb, maneb

Part 1 - 94

VB	0041	Cabbages, Head	5		c, N	CXL				1999	Source of data: maneb, mancozeb
VR	0577	Carrot	1		c	CXL				1999	Source of data: mancozeb
FS	0013	Cherries	0.2		p	CXL	04	38	37		Source of data: propineb
VL	0510	Cos lettuce	10		n	CXL				1999	Source of data: maneb
FB	0265	Cranberry	5		c	CXL				1999	Source of data: mancozeb
VC	0424	Cucumber	2		c, N, p	CXL	04	37		2005	Source of data: mancozeb, maneb, propineb
FB	0021	Currants, Black, Red, White	10		C, m	CXL				1999	Source of data: mancozeb, metiram
MO	0105	Edible offal (mammalian)	0.1		C, m, p	CXL	04			2005	Source of data: ferbam
PE	0112	Eggs	0.05	(*)	C, p	CXL	04	37		2005	Source of data: ferbam
VA	0381	Garlic	0.5		c	CXL				1999	Source of data: mancozeb
FB	0269	Grapes	5		C, m, n	CXL	04	37		2005	Source of data: propineb
DH	1100	Hops, Dry	30		m	CXL				1999	Source of data: metiram
VL	0480	Kale	15		c, N	CXL				1999	Source of data: maneb, mancozeb
VA	0384	Leek	0.5		c	CXL				1999	Source of data: mancozeb
VL	0482	Lettuce, Head	10		C, N, m	CXL				1999	Source of data: mancozeb, maneb, metiram
AS	0645	Maize fodder (dry)	2		c	CXL				1999	Source of data: mancozeb
FC	0003	Mandarins	10		c	CXL				1999	Source of data: mancozeb
FI	0345	Mango	2		c	CXL				1999	Source of data: mancozeb
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	c, m, p	CXL	04	37		2005	Source of data: propineb
VC	0046	Melons, except watermelon	0.5		C	CXL	04	37		2005	Source of data: mancozeb
ML	0106	Milks	0.05	(*)	c, m, p	CXL	04	37		2005	Source of data: mancozeb, metiram, propineb
VA	0385	Onion, Bulb	0.5		C	CXL	04	37		2005	Source of data: mancozeb
VA	0389	Onion, Spring (green)	10		n	CXL				1999	Source of data: maneb
FC	0004	Oranges, Sweet, Sour	2		c	CXL				1999	Source of data: mancozeb
FI	0350	Papaya	5		c	CXL				1999	Source of data: mancozeb
SO	0697	Peanut	0.1	(*)	c	CXL				1999	Source of data: mancozeb
AL	0697	Peanut fodder	5		c	CXL				1999	Source of data: mancozeb
TN	0672	Pecan	0.1	(*)	Z	CXL	04	37		2005	Source of data: ziram
VO	0445	Peppers, Sweet	1		c, n	CXL				1999	Source of data: mancozeb, maneb

Part 1 - 95

FP	0009	Pome fruits	5		C, M, H, Z	CXL	04		37	2005	Source of data: except propineb	
VR	0589	Potato	0.2		c, m, n, p	CXL	04		37	2005	Source of data: mancozeb, maneb, metiram	
PM	0110	Poultry meat	0.1		c, p	CXL	04		37	2005	Source of data: mancozeb, propineb	
PO	0111	Poultry, Edible offal of	0.1		c, p	CXL	04		37	2005	Source of data: mancozeb, propineb	
VC	0429	Pumpkins	0.2		c	CXL				1999	Source of data: mancozeb	
VC	0431	Squash, summer	1		c	CXL				1999	Source of data: mancozeb	
FS	0012	Stone fruits	7		h, p, Z	CXL	04		37	2005	Source of data: thiram, propineb, ziram	
FB	0275	Strawberry	5		H	CXL				2001	Source of data: thiram	
VR	0596	Sugar beet	0.5		C, n	CXL				1999	Source of data: mancozeb, maneb	
VO	0447	Sweet corn (corn-on-the-cob)	0.1	(*)	c	CXL				1999	Source of data: mancozeb	
VO	0448	Tomato	2		p	CXL	04		38	37	2005	Source of data: propineb
VC	0432	Watermelon	1		c, N	CXL					1999	Source of data: maneb, mancozeb
GC	0654	Wheat	1		C, n, m	CXL					1999	Source of data: mancozeb, maneb, metiram
AS	0654	Wheat straw and fodder, Dry	25		C, n, m	CXL					1999	Source of data: mancozeb, maneb, metiram
VC	0433	Winter squash	0.1		c	CXL					1999	Source of data: mancozeb

106 Ethephon

Main Uses 16 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)

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	5	CXL			1997	
GC 0640	Barley	1	CXL			1997	
AS 0640	Barley straw and fodder, Dry5		CXL			1997	
FB 0020	Blueberries	20	CXL			1997	
VC 4199	Cantaloupe	1	CXL			2001	
FS 0013	Cherries	10	CXL			1997	
PE 0840	Chicken eggs	0.2 (*)	CXL			1997	
SO 0691	Cotton seed	2	CXL			1997	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5	CXL	99	35 33	2003	
MO 0096	Edible offal of cattle, goats, horses, pigs & sheep	0.2 (*)	CXL			1997	
DF 0297	Figs, Dried or dried and candied	10	CXL			1997	
FB 0269	Grapes	1	CXL			2001	
TN 0666	Hazelnuts	0.2	CXL			1997	
MM 0096	Meat of cattle, goats, horses, pigs & sheep	0.1 (*)	CXL			1997	
ML 0107	Milk of cattle, goats & sheep	0.05 (*)	CXL			1997	
VO 0051	Peppers	5	CXL			2001	
FI 0353	Pineapple	2	CXL			2001	

Part 1 - 97

PM	0110	Poultry meat	0.1	(*)	CXL	1997
PO	0111	Poultry, Edible offal of	0.2	(*)	CXL	1997
GC	0650	Rye	1		CXL	1997
AS	0650	Rye straw and fodder, Dry	5		CXL	1997
VO	0448	Tomato	2		CXL	2001
TN	0678	Walnuts	0.5		CXL	1997
GC	0654	Wheat	1		CXL	1997
AS	0654	Wheat straw and fodder, Dry	5		CXL	1997

109 Fenbutatin Oxide

Main Uses 1 Acaricide

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

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

AcuteRfD ()

RESIDUE Fenbutatin oxide.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
TN	0660 Almonds	0.5	CXL			1995	
AB	0226 Apple pomace, Dry	40	CXL			1995	
FI	0327 Banana	10	CXL			1997	
FS	0013 Cherries	10	CXL			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				
AB	0001 Citrus pulp, Dry	25	CXL			1995	
VC	0424 Cucumber	0.5	CXL			1995	
MO	0105 Edible offal (mammalian)	0.2	CXL			1997	
PE	0112 Eggs	0.05	CXL			1995	
AB	0269 Grape pomace, Dry	100	CXL			1995	
FB	0269 Grapes	5	CXL				
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				
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			1997	

Part 1 - 99

DF	5263 Raisins	20	CXL	1997
FB	0275 Strawberry	10	CXL	1995
VO	0448 Tomato	1	CXL	
TN	0678 Walnuts	0.5	CXL	1997

110 Imazalil

Main Uses 5 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)

AcuteRfD 0.05 mg/kg body weight (2005)

RESIDUE Imazalil.

Note The Committee was informed that the 2005 JMPR had established a new ARfD but the compound was not yet scheduled for residue evaluation or exposure assessment. The EC was invited to propose this compound for JMPR review (38-92).

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

111 Iprodione

Main Uses 5 Fungicide

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

ADI 0.06 mg/kg body weight (1995)

AcuteRfD ()

RESIDUE Iprodione.

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

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
TN	0660 Almonds	0.2	CXL			1997	
GC	0640 Barley	2	CXL			1997	
VD	0071 Beans (dry)	0.1	CXL			1997	
FB	0264 Blackberries	30	CXL			1997	
VB	0400 Broccoli	25	CXL			1997	
VR	0577 Carrot	10	CXL		Po	1997	
FS	0013 Cherries	10	CXL			1997	
VP	0526 Common bean (pods and/or 2 immature seeds)		CXL			1997	
VC	0424 Cucumber	2	CXL			1997	
FB	0269 Grapes	10	CXL				
FI	0341 Kiwi	5	CXL				
VL	0482 Lettuce, Head	10	CXL				
VL	0483 Lettuce, Leaf	25	CXL			1997	
VA	0385 Onion, Bulb	0.2	CXL			1997	
FS	0247 Peach	10	CXL			1997	
FP	0009 Pome fruits	5	CXL		Po	1997	
SO	0495 Rape seed	0.5	CXL			1997	
FB	0272 Raspberries, Red, Black	30	CXL			1997	
CM	0649 Rice, Husked	10	CXL			1997	

Part 1 - 102

FB	0275	Strawberry	10		CXL				
VR	0596	Sugar beet	0.1	(*)	CXL				1997
SO	0702	Sunflower seed	0.5		CXL				1997
VO	0448	Tomato	5		CXL	94, 01	33	28, 29, 30, 31	
VS	0469	Witloof chicory (sprouts)	1		CXL				

112 Phorate

Main Uses 8 Insecticide

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

ADI 0-0.0007 mg/kg body weight 2004

AcuteRfD 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).

The Committee decided to retain the existing CXL for wheat for 4 years under the periodic review procedure at the request of India who agreed to submit data (38-95). The Committee was informed that the manufacturers would provide additional data for processed potato in 2008 for evaluation by the 2009 JMPR. The Delegation of Chile expressed its concern over the high toxicity of the compound due to its extremely low ADI and ARfD. The Committee noted that the EC would submit a "concern form" regarding the acute intake concern associated with the MRL for potato, which would be taken into account by the 2009 JMPR.

The Committee decided to retain the draft MRL for potato at Step 7, awaiting 2009 JMPR evaluation (39-91;92).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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			1999	

Part 1 - 104

VR	0589	Potato	0.5		7	05	40	38,39	
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
GC	0654	Wheat	0.05		CXL	05			

2005 JMPR: the information provided precluded an estimate that the dietary intake would be below the ARfD for children aged ≤ 6 years.

2005 JMPR: Withdrawal recommended

113 Propargite

Main Uses 1 Acaricide

JMPR 77, 78R, 79R, 80, 82, 99T, 02R, 06R

ADI 0.01 mg/kg body weight (1999)

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	50	CXL	02	35,36	2004	
TN	0660 Almonds	0.1 (*)	CXL	02	35,36	2004	
FP	0226 Apple	3	CXL	02	35,36	2004	
JF	0226 Apple juice	0.2	CXL	02	35,36	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	35,36	2004	
AB	0001 Citrus pulp, Dry	10	CXL	02	35,36	2004	
SO	0691 Cotton seed	0.1	CXL	02	35,36	2004	
OR	0691 Cotton seed oil, Edible	0.2	CXL	02	35,36	2004	
DF	0269 Dried grapes (=currants, raisins and sultanas)	12	CXL	02	35,36	2004	
MO	0105 Edible offal (mammalian)	0.1 (*)	CXL	02	35,36	2004	
PE	0112 Eggs	0.1 (*)	CXL	02	35,36	2004	
JF	0269 Grape juice	1	CXL	02	35,36	2004	
AB	0269 Grape pomace, Dry	40	CXL	02)
FB	0269 Grapes	7	CXL	02	35,36	2004	
DH	1100 Hops, Dry	100	CXL	02	35,36	2004	
VD	0545 Lupin	0.3	CXL	06	39	2007	
GC	0645 Maize	0.1 (*)	CXL	02			

Part 1 - 106

CF	1255	Maize flour	0.2		CXL	02	35,36	2004
OC	0645	Maize oil, Crude	0.7		CXL	02	35,36	2004
OR	0645	Maize oil, Edible	0.5		CXL	02	35,36	2004
MM	0095	Meat (from mammals other than marine mammals)	0.1	(*) (fat)	CXL	02	35,36	2004
ML	0106	Milks	0.1	(*) F	CXL	02	35,36	2004
JF	0004	Orange juice	0.3		CXL	02	35,36	2004
SO	0697	Peanut	0.1	(*)	CXL	02		
OC	0697	Peanut oil, Crude	0.3		CXL	02	35,36	2004
OR	0697	Peanut oil, Edible	0.3		CXL	02	35,36	2004
VR	0589	Potato	0.03		CXL	06	39	2007
PM	0110	Poultry meat	0.1	(*) (fat)	CXL	02	35,36	2004
PO	0111	Poultry, Edible offal of	0.1	(*)	CXL	02	35,36	2004
FS	0012	Stone fruits	4		CXL	02	35,36	2004
DT	1114	Tea, Green, Black	5		CXL	02	35,36	2004
VO	0448	Tomato	2		CXL	02		
TN	0678	Walnuts	0.3		CXL	06	39	2007

115 Tecnazene

Main Uses 5 Fungicide

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

ADI 0.02 mg/kg body weight (1994)

AcuteRfD ()

RESIDUE Tecnazene.

Code	Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
	Name							
VR	0589	Potato	20	Po	CXL		1997	Washed before analysis.

116 Triforine

Main Uses 5 Fungicide

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

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

AcuteRfD ()

RESIDUE Determined as chloral hydrate and expressed as triforine.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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 1 immature seeds)						CXL
FB 0021	Currants, Black, Red, White	1					CXL
VC 0045	Fruiting vegetables, Cucurbits	0.5					CXL
FB 0268	Gooseberry	1					CXL
FS 0247	Peach	5			Po		CXL
FS 0014	Plums (including prunes)	2					CXL
FB 0275	Strawberry	1					CXL
VO 0448	Tomato	0.5					CXL

117 Aldicarb

Main Uses 8 Insecticide

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

ADI 0.003 mg/kg body weight (1992)

AcuteRfD 0.003 mg/kg body weight (1995)

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

Note The Committee, noting that the acute RfD was exceeded, decided to return the MRLs for bananas and potatoes to Step 6 for the third time and requested JMPR to examine residue data from the alternative GAP (37-135).

The Committee decided to return the draft MRL for banana and potato to Step 6, due to acute intake concern and to request the 2006 JMPR to consider using alternative GAPs to recommend lower MRLs (38-117).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0640	Barley	0.02	CXL			1997	
AS 0640	Barley straw and fodder, Dry	0.05	CXL			1997	
VD 0071	Beans (dry)	0.1	CXL				
VB 0402	Brussels sprouts	0.1	CXL			1997	
FC 0001	Citrus fruits	0.2	CXL			1991	
SB 0716	Coffee beans	0.1	CXL				
SO 0691	Cotton seed	0.1	CXL				
OR 0691	Cotton seed oil, Edible	0.01 (*)	CXL			1997	
FB 0269	Grapes	0.2	CXL			1997	
GC 0645	Maize	0.05	CXL				
AS 0645	Maize fodder (dry)	0.5	CXL			1997	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)	CXL				
ML 0106	Milks	0.01 (*)	CXL				
VA 0385	Onion, Bulb	0.1	CXL			1997	
SO 0697	Peanut	0.02	CXL			1997	
OR 0697	Peanut oil, Edible	0.01 (*)	CXL			1997	
TN 0672	Pecan	1	CXL			1997	

Part 1 - 110

GC	0651	Sorghum	0.1		CXL	1997
AS	0651	Sorghum straw and fodder, Dry	0.5		CXL	
VD	0541	Soya bean (dry)	0.02	(*)	CXL	
VR	0596	Sugar beet	0.05	(*)	CXL	
GS	0659	Sugar cane	0.1		CXL	1997
SO	0702	Sunflower seed	0.05	(*)	CXL	1997
VR	0508	Sweet potato	0.1		CXL	
GC	0654	Wheat	0.02		CXL	1997
AS	0654	Wheat straw and fodder, Dry	0.05		CXL	1997

118 Cypermethrins (including alpha- and zeta-

Main Uses 8 Insecticide

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

ADI 0-0.02 mg/kg body weight Group ADI (JMPR 2006)

AcuteRfD 0.04 mg/kg body weight. Group ARfD (JMPR 2006). (2006)

RESIDUE Cypermethrin (sum of isomers) (fat-soluble).

Note The Delegation of the EC expressed the opinion that the chronic risk of the compound might be overestimated as the toxicological evaluation was based on the most toxic isomer, alpha-cypermethrin, while residues in crops, arising from its use were cypermethrin, which was less toxic and requested the JMPR to develop toxicity equivalence factors for the different isomers. The JMPR Secretariat indicated that it would require data for all isomers in order to develop these potency factors. The Committee noted that three manufacturers would submit residue data to JMPR for consideration by the 2008 JMPR (39-97)..

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.5					
VP	0062 Beans, Shelled	0.05 (*)					
FB	0018 Berries and other small fruits	0.5				1991	
VB	0040 Brassica vegetables	1					
FS	0013 Cherries	1					
FC	0001 Citrus fruits	2					
SB	0716 Coffee beans	0.05 (*)					
VP	0526 Common bean (pods and/or immature seeds)	0.5					
VC	0424 Cucumber	0.2					
MO	0105 Edible offal (mammalian)	0.05 (*)					The MRL accommodates external animal treatment.
VO	0440 Egg plant	0.2					
PE	0112 Eggs	0.05 (*)					
VL	0480 Kale	1					
VA	0384 Leek	0.5					
VL	0482 Lettuce, Head	2					
GC	0645 Maize	0.05 (*)					

Part 1 - 112

AS	0645	Maize fodder (dry)	5	dry wt	CXL	
MM	0095	Meat (from mammals other than marine mammals)	0.2	(fat)	CXL	The MRL accommodates external animal treatment.
ML	0106	Milks	0.05	F	CXL	The MRL accommodates external animal treatment.
VO	0450	Mushrooms	0.05	(*)	CXL	
FS	0245	Nectarine	2		CXL	
SO	0089	Oilseed, except peanut	0.2		CXL	
VA	0385	Onion, Bulb	0.1		CXL	
FS	0247	Peach	2		CXL	
SO	0697	Peanut	0.05	(*)	CXL	
VP	0063	Peas (pods and succulent=immature seeds)	0.05	(*)	CXL	
VO	0051	Peppers	0.5		CXL	
FS	0014	Plums (including prunes)	1		CXL	
FP	0009	Pome fruits	2		CXL	
PM	0110	Poultry meat	0.05	(*)	CXL	
VR	0075	Root and tuber vegetables	0.05	(*)	CXL	
AS	0651	Sorghum straw and fodder, Dry	5		CXL	
VD	0541	Soya bean (dry)	0.05	(*)	CXL	
VL	0502	Spinach	2		CXL	
VO	0447	Sweet corn (corn-on-the-cob)	0.05	(*)	CXL	
DT	1114	Tea, Green, Black	20		CXL	
VO	0448	Tomato	0.5		CXL	
OR	0172	Vegetable oils, Edible	0.5		CXL	
GC	0654	Wheat	0.2		CXL	
AS	0654	Wheat straw and fodder, Dry5			CXL	

119 Fenvalerate

Main Uses 8 Insecticide

JMPR 79, 81, 82T, 84, 85R, 86, 88R, 90R

ADI 0.02 mg/kg body weight (1986)

AcuteRfD ()

RESIDUE Fenvalerate (fat-soluble).

Commodity Code	Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	20	dry wt	CXL				
VP	0061 Beans, except broad bean and soya bean	1		CXL				
VP	0062 Beans, Shelled	0.1		CXL				
FB	0018 Berries and other small fruits1			CXL				
VB	0400 Broccoli	2		CXL				
VB	0402 Brussels sprouts	2		CXL			1991	
VB	0041 Cabbages, Head	3		CXL				
VB	0404 Cauliflower	2		CXL				
VS	0624 Celery	2		CXL				
GC	0080 Cereal grains	2	Po	CXL				
FS	0013 Cherries	2		CXL				
VL	0466 Chinese cabbage (type pak-choi)	1		CXL				
FC	0001 Citrus fruits	2		CXL				
SO	0691 Cotton seed	0.2		CXL				
OC	0691 Cotton seed oil, Crude	0.1		CXL				
OR	0691 Cotton seed oil, Edible	0.1		CXL				
VC	0424 Cucumber	0.2		CXL				
MO	0105 Edible offal (mammalian)	0.02		CXL				
VL	0480 Kale	10		CXL				

Part 1 - 114

FI	0341	Kiwi	5		CXL
VL	0482	Lettuce, Head	2		CXL
MM	0095	Meat (from mammals other than marine mammals)	1	(fat)	CXL
VC	0046	Melons, except watermelon	0.2		CXL
ML	0106	Milks	0.1	F	CXL
FS	0247	Peach	5		CXL
SO	0703	Peanut, whole	0.1		CXL
VP	0064	Peas, Shelled (succulent seeds)	0.1		CXL
VO	0445	Peppers, Sweet	0.5		CXL
FP	0009	Pome fruits	2		CXL
VR	0075	Root and tuber vegetables	0.05		CXL
VD	0541	Soya bean (dry)	0.1		CXL
VC	0431	Squash, summer	0.5		CXL
SO	0702	Sunflower seed	0.1		CXL
VO	0447	Sweet corn (corn-on-the-cob)	0.1		CXL
VO	0448	Tomato	1		CXL
TN	0085	Tree nuts	0.2		CXL
VC	0432	Watermelon	0.5		CXL
CM	0654	Wheat bran, Unprocessed	5	PoP	CXL
CF	1211	Wheat flour	0.2	PoP	CXL
CF	1212	Wheat wholemeal	2	PoP	CXL
VC	0433	Winter squash	0.5		CXL

120 Permethrin

Main Uses 8 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)

AcuteRfD Unnecessary (JMPR 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 Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	100					dry wt
TN	0660 Almonds	0.1					
AB	0226 Apple pomace, Dry	50					
VS	0621 Asparagus	1					
VD	0071 Beans (dry)	0.1					
FB	0264 Blackberries	1					
VB	0400 Broccoli	2					
VB	0402 Brussels sprouts	1					
VB	0403 Cabbage, Savoy	5					
VB	0041 Cabbages, Head	5					
VR	0577 Carrot	0.1					
VB	0404 Cauliflower	0.5					
VS	0624 Celery	2					
GC	0080 Cereal grains	2					Po
VL	0467 Chinese cabbage (type pe-tsai)	5					
FC	0001 Citrus fruits	0.5					
SB	0716 Coffee beans	0.05					(*)

VP	0526	Common bean (pods and/or 1 immature seeds)			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		CXL	The MRL accommodates external animal treatment.
VO	0440	Egg plant	1		CXL	
PE	0112	Eggs	0.1		CXL	
VC	0425	Gherkin	0.5		CXL	
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	5		CXL	
FI	0341	Kiwi	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)	CXL	The MRL accommodates external animal treatment.
VC	0046	Melons, except watermelon	0.1		CXL	
ML	0106	Milks	0.1	F	CXL	
VO	0450	Mushrooms	0.1		CXL	
FT	0305	Olives	1		CXL	
VA	0389	Onion, Spring (green)	0.5		CXL	

Part 1 - 117

SO	0697	Peanut	0.1		CXL	
VP	0064	Peas, Shelled (succulent seeds)	0.1		CXL	
VO	0051	Peppers	1		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	
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	
VO	0447	Sweet corn (corn-on-the-cob)	0.1		CXL	
DT	1114	Tea, Green, Black	20		CXL	
VO	0448	Tomato	1		CXL	
CM	0654	Wheat bran, Unprocessed	5	PoP	CXL	1993
CF	1211	Wheat flour	0.5	PoP	CXL	1993

Part 1 - 118

CF	1210	Wheat germ	2	PoP	CXL	1993
CF	1212	Wheat wholemeal	2	PoP	CXL	1993
VC	0433	Winter squash	0.5		CXL	

122 Amitraz

Main Uses 8 Insecticide

JMPR 80, 83R, 84, 85R, 86R, 89R, 90, 98T' (03R')

ADI 0.01 mg/kg body weight (1998)

AcuteRfD 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).

In view of the lack of responses to repeated requests to submit information on national residue definitions to the JMPR, the 26th CCPR agreed to maintain the residue definition as currently defined (26.224).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MM 0812	Cattle meat	0.05	CXL				The MRL accommodates external animal treatment.
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	CXL				The MRL accommodates external animal treatment.
ML 0106	Milks	0.01 (*)	CXL				The MRL accommodates external animal treatment.
FC 0004	Oranges, Sweet, Sour	0.5	CXL				
FS 0247	Peach	0.5	CXL				
MM 0818	Pig meat	0.05	CXL				The MRL accommodates external animal treatment.
FP 0009	Pome fruits	0.5	CXL				
MM 0822	Sheep meat	0.1	CXL				The MRL accommodates external animal treatment.
VO 0448	Tomato	0.5	CXL			1991	

126 Oxamyl

Main Uses 8 Insecticide

JMPR 80, 83R, 84T, 85, 86R, 02T

ADI 0.009 mg/kg body weight (2002)

AcuteRfD 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 there are acute intake concerns for some commodities for the second time (37-136).

The Committee noted the comments of Australia, EC and USA, opposing the advancement of MRLs beyond Step 6 based on acute dietary intake concerns. The Committee was informed that the manufacturer would provide residue data for cucumber; melons; peppers sweet and tomato. The Committee decided to return draft MRLs for citrus fruits; cucumbers; melons, except watermelon, and peppers to Step 6 for the third time (38-97,98,99). The Delegation of Ireland informed the Committee that a "concern form" would be submitted to the JMPR with the differing assessment of toxicology data leading to a lower ARfD within the EC. The Committee decided to retain the draft MRLs for citrus fruits; cucumber; melons, except watermelon and peppers at Step 7 awaiting the JMPR review (alternative GAP) in 2008. The Committee also decided to consider revocation of the CXLs for apple and tomato at the next session as no data seemed to be available for those commodities (39-98,99).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	2	CXL	02			Confirmed (2002 JMPR). The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
VR 0577	Carrot	0.1	CXL	02	35,36	2004	
FC 0001	Citrus fruits	5	CXL				The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
FC 0001	Citrus fruits	3	7	02	40	35,36,37,38,3	Returned to Step 6 because of acute intake problems (36-145).
SO 0691	Cotton seed	0.2	CXL	02			Confirmed (2002 JMPR).
VC 0424	Cucumber	2	CXL				The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
VC 0424	Cucumber	1	7	02	40	35,36,37,38,3	Returned to Step 6 because of acute intake problems (36-145).
MO 0096	Edible offal of cattle, goats, horses, pigs & sheep	0.02 (*)	CXL	02	35,36	2004	
PE 0112	Eggs	0.02 (*)	CXL	02	35,36	2004	

Part 1 - 121

MM	0095	Meat (from mammals other than marine mammals)	0.02	(*)	CXL	02	35,36	2004	
VC	0046	Melons, except watermelon	2		CXL	02			The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
VC	0046	Melons, except watermelon	1		7	02	40	35,36,37,38,3	Returned to Step 6 because of acute intake problems (36-145).
ML	0106	Milks	0.02	(*)	CXL	02	35,36	2004	
SO	0697	Peanut	0.05		CXL	02	35,36	2004	
AL	0697	Peanut fodder	0.2		CXL	02	35,36	2004	
VO	0051	Peppers	5		7	02	40	35,36,37,38,3	Returned to Step 6 because of acute intake problems (36-145).
VO	0445	Peppers, Sweet	2		CXL				To be replaced by the MRL for peppers (2002 JMPR).
VR	0589	Potato	0.1		CXL	02	35,36	2004	
PM	0110	Poultry meat	0.02	(*)	CXL	02	35,36	2004	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	02	35,36	2004	
VO	0448	Tomato	2		CXL				Confirmed (2002 JMPR). The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).

129 Azocyclotin

Main Uses 1 Acaricide

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

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

AcuteRfD 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.

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.

The CCPR-33 decided to retain the draft MRLs for apple, nectarine, peach, pear and plums (including purnes) and maintained the CXLs for citrus fruits, grapes, meat (from mammals other than marine mammals), milk products and milks (33-152).

The Committee confirmed that the existing list of MRLs for cyhexatin (67) should be replaced with the agreed list for azocyclotin (38-103).

Commodity Code	Commodity Name		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	
JC	0001	Orange	0.2	CXL	05	38	2006	
FP	0230	Pear	0.2	CXL	05	38	2006	

130 Diflubenzuron

Main Uses 8 Insecticide

JMPR 81, 83R, 84, 85, 88R, 01T, 02R'

ADI 0.02 mg/kg body weight (1985)

AcuteRfD Unnecessary (JMPR 2001). ()

RESIDUE Diflubenzuron (fat-soluble).

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

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	5	CXL	02	36	2004	Replaced by the MRL for pome fruits (2002 JMPR).
FC 0001	Citrus fruits	0.5	CXL	02	35,36	2004	
MO 0105	Edible offal (mammalian)	0.1 (*)	CXL	02	35,36	2004	
PE 0112	Eggs	0.05 (*)	CXL	02			Confirmed (2002 JMPR)
MM 0095	Meat (from mammals other than marine mammals)	0.1 (fat)	CXL	02	35,36	2004	
ML 0106	Milks	0.02 (*) F	CXL	02	35,36	2004	
VO 0450	Mushrooms	0.3	CXL	02	35,36	2004	
FP 0230	Pear	5	CXL	02	36	2004	Replaced by the MRL for pome fruits (2002 JMPR)
FP 0009	Pome fruits	5	CXL	02	35,36	2004	
PM 0110	Poultry meat	0.05 (*) (fat)	CXL	02	35,36	2004	
GC 0649	Rice	0.01 (*)	CXL	02	35,36	2004	
AS 0649	Rice straw and fodder, Dry	0.7	CXL	02	35,36	2004	

132 Methiocarb

Main Uses 8 Insecticide

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

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

AcuteRfD 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	2	CXL	05	38	2006	

Part 1 - 125

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 5 Fungicide

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

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

AcuteRfD 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.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.3	4	07	40		Based on triadimenol use only
VS 0620	Artichoke, Globe	0.7	4	07	40		Based on triadimenol use only
FI 0327	Banana	1	4	07	40		Based on triadimenol use only
GC 0640	Barley	0.5	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
AS 0640	Barley straw and fodder, Dry2		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
GC 0080	Cereal grains	0.2	4	07	40		Except maize and rice. Based on triadimefon and triadimenol uses
VD 0524	Chick-pea (dry)	0.05 (*)	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
HS 0444	Chilli peppers, dried	5	4	07	40		Based on triadimefon and triadimenol uses
SB 0716	Coffee beans	0.05 (*)	CXL			1997	
SB 0716	Coffee beans	0.5	4	07	40		Based on triadimenol use only
FB 0021	Currants, Black, Red, White	0.2	CXL			1997	Based on triadimenol use only
FB 0021	Currants, Black, Red, White	0.7	4	07	40		
DF 0269	Dried grapes (=currants, raisins and sultanas)	10	4	07	40		Based on triadimefon and triadimenol uses
MO 0105	Edible offal (mammalian)	0.01 (*)	4	07	40		Based on triadimefon and triadimenol uses
PE 0112	Eggs	0.05 (*)	CXL			1997	
PE 0112	Eggs	0.01 (*)	4	07	40		Based on triadimefon and triadimenol uses
AM 1051	Fodder beet	0.05 (*)	CXL			1997	

Part 1 - 127

VO	0050	Fruiting vegetables other than cucurbits	1		4	07	40		Based on triadimefon and triadimenol uses
VC	0045	Fruiting vegetables, Cucurbits	0.1		CXL			1997	
VC	0045	Fruiting vegetables, Cucurbits	0.2		4	07	40		Except fungi and sweet corn. Based on triadimefon and triadimenol uses
FB	0269	Grapes	0.5		CXL			1995	
FB	0269	Grapes	5		4	07	40		Based on triadimefon and triadimenol uses The information provided to the 2007 JMPR precludes an estimate that the dietary intake would be below the ARfD.
DH	1100	Hops, Dry	10		CXL			1997	
FI	0345	Mango	0.05	(*)	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	CXL			1997	
MM	0095	Meat (from mammals other than marine mammals)	0.02		4	07	40		[in the fat]. Based on triadimefon and triadimenol uses
ML	0106	Milks	0.05	(*)	CXL			1997	
ML	0106	Milks	0.01	(*)	4	07	40		Based on triadimefon and triadimenol uses
AS	0647	Oat straw and fodder, Dry	2		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
GC	0647	Oats	0.1		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VA	0389	Onion, Spring (green)	0.05	(*)	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
VA	0387	Onion, Welsh	0.05	(*)	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
VP	0063	Peas (pods and succulent=immature seeds)	0.05	(*)	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
VO	0445	Peppers, Sweet	0.1		CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
FI	0353	Pineapple	2	Po	CXL			1997	
FI	0353	Pineapple	5	Po	4	07	40		Based on triadimenol use only
FP	0009	Pome fruits	0.5		CXL	07	40		Withdrawal recommended (JMPR 2007).
PM	0110	Poultry meat	0.05	(*)	CXL			1997	
PM	0110	Poultry meat	0.01	(*)	4	07	40		Based on triadimefon and triadimenol uses
PO	0111	Poultry, Edible offal of	0.01	(*)	4	07	40		Based on triadimefon and triadimenol uses

Part 1 - 128

FB	0272	Raspberries, Red, Black	1		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
GC	0650	Rye	0.1		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
AS	0650	Rye straw and fodder, Dry	2		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
AS	0081	Straw and fodder (dry) of cereal grains	5		4	07	40		Except maize. Based on triadimefon and triadimenol uses
FB	0275	Strawberry	0.1		CXL			1997	
FB	0275	Strawberry	0.7		4	07	40		Based on triadimenol use only
VR	0596	Sugar beet	0.1	(*)	CXL				
VR	0596	Sugar beet	0.05	(*)	4	07	40		Based on triadimenol use only
AV	0596	Sugar beet leaves or tops(dry)	2		4	07	40		Based on triadimenol use only
AV	0596	Sugar beet leaves or tops(dry)	2		4	07	40		Based on triadimenol use only
VO	0448	Tomato	0.2		CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
GC	0654	Wheat	0.1		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
AS	0654	Wheat straw and fodder, Dry2			CXL	07	40	1995	Withdrawal recommended (JMPR 2007).

135 Deltamethrin

Main Uses 8 Insecticide

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

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

AcuteRfD 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)). The 28th CAC noted concerns expressed by the EC on leafy vegetables regarding the acute intake concerns and returned this MRL to Step 6 (28-55).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.2	CXL	02	35,36	2004	
VD 0071	Beans (dry)	1 Po	CXL			2004	
VR 0577	Carrot	0.02	CXL	02	35,36	2004	
GC 0080	Cereal grains	2 Po	CXL	02	35,36	2004	
FC 0001	Citrus fruits	0.02	CXL	02	35,36	2004	
PE 0112	Eggs	0.02 (*)	CXL	02	35,36	2004	
VD 0561	Field pea (dry)	1 Po	CXL	02			
VB 0042	Flowerhead brassicas	0.1	CXL	02	35,36	2004	
VC 0045	Fruiting vegetables, Cucurbits	0.2	CXL	02			Confirmed (2002JMPR).
FB 0269	Grapes	0.2	CXL	02	35,36	2004	
TN 0666	Hazelnuts	0.02 (*)	CXL	02	35,36	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03 (*)	CXL	02	35,36	2004	
VL 0053	Leafy vegetables	2	CXL	02	38 35,36,37		
VA 0384	Leek	0.2	CXL	02	35,36	2004	
VP 0060	Legume vegetables	0.2	CXL	02	35,36	2004	
VD 0533	Lentil (dry)	1 Po	CXL	02		2004	

Part 1 - 130

MO	0099	Liver of cattle, goats, pigs & sheep	0.03	(*)	CXL	02	35,36	2004	
MM	0095	Meat (from mammals other than marine mammals)	0.5	(fat)	CXL	02		1993	The MRL accommodates external animal treatment. Confirmed (2002 JMPR).
ML	0106	Milks	0.05	F	CXL	02	35,36	2004	
VO	0450	Mushrooms	0.05		CXL	02	35,36	2004	
FT	0305	Olives	1		CXL	02	35,36	2004	
VA	0385	Onion, Bulb	0.05		CXL	02	35,36	2004	
VR	0589	Potato	0.01	(*)	CXL	02	35,36	2004	
PM	0110	Poultry meat	0.1	(fat)	CXL	02	35,36	2004	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	02	35,36	2004	
VD	0070	Pulses	1	Po	CXL	02	35,36	2004	
VR	0494	Radish	0.01	(*)	CXL	02	35,36	2004	
FS	0012	Stone fruits	0.05		CXL	02	36	2004	
FB	0275	Strawberry	0.2		CXL	02	35,36	2004	
SO	0702	Sunflower seed	0.05	(*)	CXL	02	35,36	2004	
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	02	35,36	2004	
DT	1114	Tea, Green, Black	5		CXL	02	35,36	2004	
VO	0448	Tomato	0.3		CXL	02	35,36	2004	
TN	0678	Walnuts	0.02	(*)	CXL	02	35,36	2004	
CM	0654	Wheat bran, Unprocessed	5	PoP	CXL	02		1995	Confirmed (2002 JMPR)
CF	1211	Wheat flour	0.3	PoP	CXL	02	35,36	2004	
CF	1212	Wheat wholemeal	2	PoP	CXL	02	35,36	2004	

136 Procymidone

Main Uses 5 Fungicide

JMPR 81R, 82T, 89, 90R, 93R, 98R, 07T

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

AcuteRfD 0.1 mg/kg body weight (2007)

RESIDUE Procymidone.

Note Previous ADI 0.1 mg/kg body weight (1989)

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VB	0041 Cabbages, Head	2	CXL			2001	
FS	0013 Cherries	10	CXL			1995	
VP	0526 Common bean (pods and/or 1 immature seeds)		CXL			1995	
VC	0424 Cucumber	2	CXL			1995	
VP	0528 Garden pea (young pods)	3	CXL			2001	
VP	0529 Garden pea, Shelled	1	CXL			2001	
VC	0425 Gherkin	2	CXL			1995	
FB	0269 Grapes	5	CXL			1995	
VL	0482 Lettuce, Head	5	CXL			1995	
VA	0385 Onion, Bulb	0.2	CXL			1995	
FS	0247 Peach	2	CXL			2001	
FP	0230 Pear	1	CXL			2001	
VO	0051 Peppers	5	CXL			1995	
FS	0014 Plums (including prunes)	2	CXL			2001	
FB	0272 Raspberries, Red, Black	10	CXL			1995	
FB	0275 Strawberry	10	CXL			1995	
SO	0702 Sunflower seed	0.2	CXL			1995	
OR	0702 Sunflower seed oil, Edible	0.5	CXL			1995	
VO	0448 Tomato	5	CXL			1995	

138 Metalaxyl

Main Uses 5 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)

AcuteRfD Unnecessary (JMPR 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. The Committee noted that this compound was no longer supported and agreed to consider revocation of all CXLs at its next session.

The Delegation of Australia indicated that at the 37th Session of CCPR it was decided to recommend revocation of CXLs after two years and that at that time the metalaxyl-M MRLs at Step 6 would be advanced for adoption at Step 8. The Committee agreed to request information from Codex members and observers regarding support for metalaxyl-M before the CCPR 40 (39-100,101,102).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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				

Part 1 - 133

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	
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	1995
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 5 Fungicide

JMPR 83, 85R, 87R, 88R, 89R, 90R, 92T, 01T', 04R,

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

AcuteRfD 0.1 mg/kg body weight (2001)

RESIDUE For compliance with MRLs and estimation of dietary intake in 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.

Note The Committee was informed that the manufacturer would provide alternative GAP information and corresponding trial data by February 2008 to be reviewed by the 2009 JMPR. The Committee decided to retain the draft MRL for mushrooms at Step 7 due to acute intake concerns, awaiting 2009 JMPR evaluation (39-103,104).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	2	CXL				
VO	0450 Mushrooms	40	7	04	40 37,38,39		2004 JMPR had noted acute intake concerns for mushrooms. The Committee noted the comments of Australia, opposing the advancement of the MRL of mushrooms beyond Step 6 because of possible dietary intake concerns identified by the 2004 JMPR (38-106).
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	

Part 1 - 135

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 8 Insecticide

JMPR 82T, 83R, 86, 90R, 92R, 93, 02T', 07R

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

AcuteRfD 0.001 mg/kg body weight (2002)

RESIDUE For compliance with MRLs and estimation of dietary intake: triazophos

Code	Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
	Name							
VP	0523	Broad bean, Shelled (succulent)=(immature seeds)	0.02 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VB	0402	Brussels sprouts	0.1	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VB	0041	Cabbages, Head	0.1	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VR	0577	Carrot	0.5	CXL	07	40	1997	Withdrawal recommended (JMPR 2007).
MM	0812	Cattle meat	0.01 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
ML	0812	Cattle milk	0.01 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VB	0404	Cauliflower	0.1	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
GC	0080	Cereal grains	0.05 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
SB	0716	Coffee beans	0.05 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VP	0526	Common bean (pods and/or immature seeds)	0.2	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
SO	0691	Cotton seed	0.1	CXL			1995	
SO	0691	Cotton seed	0.2	4	07	40		
OC	0691	Cotton seed oil, Crude	1	4	07	40		
VA	0385	Onion, Bulb	0.05 (*)	CXL	07	40	1995	
VP	0063	Peas (pods and succulent=immature seeds)	0.1	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
FP	0009	Pome fruits	0.2	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VR	0589	Potato	0.05 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VD	0541	Soya bean (dry)	0.05 (*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).

Part 1 - 137

VP	0541	Soya bean (immature	1		4	07	40		With the pod. The information provided to the 2007 JMPR precludes an estimate that the dietary intake would be below the ARfD
FB	0275	Strawberry	0.05	(*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VR	0596	Sugar beet	0.05	(*)	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).

144 Bitertanol

Main Uses 5 Fungicide

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

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

AcuteRfD Unnecessary (JMPR 1998). ()

RESIDUE Bitertanol (fat-soluble).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FS 0240	Apricot	1	CXL	99, 02		2001	Retained under periodic review. The 2002 JMPR recommended an MRL at 1 mg/kg.
FI 0327	Banana	0.5	CXL			2001	Confirmed (1999 JMPR)
GC 0640	Barley	0.05 (*)	CXL			2001	
AS 0640	Barley straw and fodder, Dry	0.05 (*)	CXL			2001	
FS 0013	Cherries	1	CXL			2001	
VC 0424	Cucumber	0.5	CXL			1991	Confirmed (1999 JMPR)
MO 0105	Edible offal (mammalian)	0.05 (*)	CXL			2001	
PE 0112	Eggs	0.01 (*)	CXL			2001	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*) (fat)	CXL			2001	
ML 0106	Milks	0.05 (*)	CXL			2001	
FS 0245	Nectarine	1	CXL			1993	Confirmed (1999 JMPR)
AS 0647	Oat straw and fodder, Dry	0.05 (*)	CXL			2001	
GC 0647	Oats	0.05 (*)	CXL			2001	
FS 0247	Peach	1	CXL			1993	Confirmed (1999 JMPR)
FS 0014	Plums (including prunes)	2	CXL			1991	Confirmed (1999 JMPR)
FP 0009	Pome fruits	2	CXL			1991	Confirmed (1999 JMPR)
PM 0110	Poultry meat	0.01 (*)	CXL			2001	
PO 0111	Poultry, Edible offal of	0.01 (*)	CXL			2001	
GC 0650	Rye	0.05 (*)	CXL			2001	

Part 1 - 139

AS	0650	Rye straw and fodder, Dry	0.05	(*)	CXL				2001
VO	0448	Tomato	3		CXL	99	34	33	2003
GC	0653	Triticale	0.05	(*)	CXL				2001
AS	0653	Triticale straw and fodder, Dry	0.05	(*)	CXL				2001
GC	0654	Wheat	0.05	(*)	CXL				2001
AS	0654	Wheat straw and fodder, Dry	0.05	(*)	CXL				2001

145 Carbosulfan

Main Uses 8 Insecticide

JMPR 84, 86T, 91R, 93R, 97R, 02R, 03

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

AcuteRfD 0.02 mg/kg body weight (2003)

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: carbosulfan.

Note The 28th CAC noted the concerns expressed by the Delegation of the EC for the draft MRLs on mandarin, oranges, and potato which should be subject to further evaluation by JMPR of the opinion of the EFSA on variability factors and returned these MRLs to Step 6 (28-55). The Committee decided to return the draft MRLs for mandarin; oranges, sweet, sour; and potato to Step 6 in line with the decisions on these commodities for carbofuran (096), as they were based on the use of carbofuran (38-108). The Committee decided to retain the draft MRLs for mandarin; oranges, sweet, sour, and potato at Step 7 in line with the decisions on these commodities for carbofuran (096) (39-105).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AB 0001	Citrus pulp, Dry	0.1	CXL	97	33,36,37 31, 32	2005	
SO 0691	Cotton seed	0.05	CXL	03	36,37	2005	
MO 0105	Edible offal (mammalian)	0.05 (*)	CXL	03	36,37	2005	
PE 0112	Eggs	0.05 (*)	CXL	03	36,37	2005	
GC 0645	Maize	0.05 (*)	CXL	03	36,37	2005	
FC 0206	Mandarin	0.1	7	99	40 36,37,38,39		
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	CXL	03	36,37	2005	
ML 0106	Milks	0.03 (*)	CXL	03	36,37	2005	
FC 0004	Oranges, Sweet, Sour	0.1	7	97	40 31,33,37,38,3		
VR 0589	Potato	0.05	7	03	40 36,37,38,39		
PM 0110	Poultry meat	0.05 (*)	CXL	03	36,37	2005	
PO 0111	Poultry, Edible offal of	0.05 (*)	CXL	03	36,37	2005	
AS 0649	Rice straw and fodder, Dry	0.05 (*)	CXL	03	36,37	2005	
VR 0596	Sugar beet	0.3	CXL	03	36,37	2005	

146 Cyhalothrin

Main Uses 8 Insecticide

JMPR 84, 86R, 88R, 07T

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

AcuteRfD 0.02 mg/kg body weight. Group ARfD (JMPR 2007). (2007)

RESIDUE Cyhalothrin (sum of all isomers).

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

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VB	0041 Cabbages, Head	0.2					CXL
SO	0691 Cotton seed	0.02 (*)					CXL
OC	0691 Cotton seed oil, Crude	0.02 (*)					CXL
OR	0691 Cotton seed oil, Edible	0.02 (*)					CXL
FP	0009 Pome fruits	0.2					CXL
VR	0589 Potato	0.02 (*)					CXL

147 Methoprene

Main Uses 9 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)).

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

148 Propamocarb

Main Uses 5 Fungicide

JMPR 84, 86, 87R, 05T, 06R

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

AcuteRfD 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)		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	
VO	0445 Peppers, Sweet	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 8 Insecticide

JMPR 83T, 84R, 87T, 99T, 04R

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

AcuteRfD 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 Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	
VO	0445 Peppers, Sweet	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 16 Plant Growth Regulator

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

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

AcuteRfD 0.2 mg/kg body weight (2004)

RESIDUE Dimethipin.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
SO 0691	Cotton seed	1	CXL	01	35	2003	
OC 0691	Cotton seed oil, Crude	0.1	CXL				Confirmed (2001 JMPR)
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	35	2003	
VR 0589	Potato	0.05 (*)	CXL				Confirmed (2001 JMPR)
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 5 Fungicide

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

ADI 0-0.07 mg/kg body weight (2005)

AcuteRfD 0.1 mg/kg body weight for women of child- bearing age and unnecessary for the rest of the population. (2005)

RESIDUE Benalaxyl.

Note Previous ADI xx (1987). The Committee noted that the EC had established an ADI which is different from the ADI established by the JMPR and had concluded that an ARfD was not necessary (38-113).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VC	0424 Cucumber	0.05		CXL			
FB	0269 Grapes	0.2		CXL		1991	
DH	1100 Hops, Dry	0.2		CXL		1991	
VC	0046 Melons, except watermelon	0.1		CXL			
VA	0385 Onion, Bulb	0.2		CXL			
VO	0445 Peppers, Sweet	0.05		CXL		1991	
VR	0589 Potato	0.02 (*)		CXL		1995	
VO	0448 Tomato	0.5		CXL		1991	

156 Clofentezine

Main Uses 1 Acaricide

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

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

AcuteRfD Unnecessary (2005 JMPR) ()

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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	5	4	07	40		
MM	0812 Cattle meat	0.05 (*)	CXL	07	40		Withdrawal recommended. Replaced by a group MRL (JMPR 2007).
ML	0812 Cattle milk	0.01 (*)	CXL	07	40		Withdrawal recommended. Replaced by a group MRL (JMPR 2007).
MO	0812 Cattle, Edible offal of	0.1	CXL	07	40		Withdrawal recommended. Replaced by a group MRL (JMPR 2007).
FC	0001 Citrus fruits	0.5	CXL			1995	
FC	0001 Citrus fruits	0.5	4	07	40		
VC	0424 Cucumber	1	CXL			1991	
VC	0424 Cucumber	0.5	4	07	40		
FB	0021 Currants, Black, Red, White	0.05	CXL			1993	
FB	0021 Currants, Black, Red, White	0.2	4	07	40		
DF	0269 Dried grapes (=currants, raisins and sultanas)	2	4	07	40		
MO	0105 Edible offal (mammalian)	0.05 (*)	4	07	40		
PE	0112 Eggs	0.05 (*)	CXL				
PE	0112 Eggs	0.05 (*)	4	07	40		Residues are not expected as dietary burden in poultry is zero (JMPR 2007)
FB	0269 Grapes	1	CXL			1995	
FB	0269 Grapes	2	4	07	40		

Part 1 - 148

MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	4	07	40
VC	0046	Melons, except watermelon	0.1		4	07	40
ML	0106	Milks	0.05	(*)	4	07	40
FP	0009	Pome fruits	0.5		CXL		
FP	0009	Pome fruits	0.5		4	07	40
PM	0110	Poultry meat	0.05	(*)	CXL		
PM	0110	Poultry meat	0.05	(*)	4	07	40
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL		
PO	0111	Poultry, Edible offal of	0.05	(*)	4	07	40
FS	0012	Stone fruits	0.2		CXL		
FS	0012	Stone fruits	0.5		4	07	40
FB	0275	Strawberry	2		CXL		
FB	0275	Strawberry	2		4	07	40
VO	0448	Tomato	0.5		4	07	40
TN	0085	Tree nuts	0.5		4	07	40

Residues are not expected as dietary burden in poultry is zero (JMPR 2007)

Residues are not expected as dietary burden in poultry is zero (JMPR 2007).

157 Cyfluthrin/beta-cyfluthrin

Main Uses 8 Insecticide

JMPR 86R, 87T, 89R, 90R, 92R, 06T, 07R

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

AcuteRfD 0.04 mg/kg body weight. Group ARfD (JMPR 2006). (2006)

RESIDUE For compliance with MRLs and estimation of dietary intake: cyfluthrin (sum of isomers).

Note The Committee noted the concerns expressed by the EC on the ADI and ARfD allocated by 2006 JMPR (39-108).

Commodity Code	Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.5		CXL			1995	
FP 0226	Apple	0.1		4	07	40		
VB 0400	Broccoli	2		4	07	40		
VB 0041	Cabbages, Head	4		4	07	40		
ML 0812	Cattle milk	0.01	F	CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VB 0404	Cauliflower	2		4	07	40		
HS 0444	Chilli peppers, dried	1		4	07	40		
FC 0001	Citrus fruits	0.3		4	07	40		
AB 0001	Citrus pulp, Dry	2		4	07	40		
SO 0691	Cotton seed	0.05		CXL			1995	
SO 0691	Cotton seed	0.7		4	07	40		
OC 0691	Cotton seed oil, Crude	1		4	07	40		
VO 0440	Egg plant	0.2		4	07	40		
PE 0112	Eggs	0.01	(*)	4	07	40		
MO 0098	Kidney of cattle, goats, pigs and sheep	0.05		4	07	40		
MO 0099	Liver of cattle, goats, pigs & sheep	0.05		4	07	40		
GC 0645	Maize	0.05		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
MM 0095	Meat (from mammals other than marine mammals)	1	(fat)	4	07	40		

Part 1 - 150

ML	0106	Milks	0.04		4	07	40		
FP	0230	Pear	0.07		4	07	40		
VO	0051	Peppers	0.2		4	07	40		
VO	0445	Peppers, Sweet	0.2		CXL	07	40	1995	Withdrawal recommended (JMPR 2007).
VR	0589	Potato	0.01	(*)	4	07	40		
PM	0110	Poultry meat	0.01	(*) (fat)	4	07	40		
PO	0111	Poultry, Edible offal of	0.01	(*)	4	07	40		
SO	0495	Rape seed	0.05		CXL			1995	
SO	0495	Rape seed	0.07		4	07	40		
VO	0448	Tomato	0.5		CXL			1995	
VO	0448	Tomato	0.2		4	07	40		

158 Glyphosate

Main Uses 7 Herbicide

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

ADI 0-1 mg/kg body weight (1986; confirmed in 1997 for sum of glyphosate and aminoethylphosphonic acid). Changed 2004; confirmed 2005.

AcuteRfD Unnecessary (JMPR 2005) ()

RESIDUE For compliance with MRLs in plant and animal commodities: glyphosate. Residue for estimation of dietary intake: sum of glyphosate and AMPA expressed as glyphosate.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	CXL	05	38	2006	Except maize and rice
SO	0691 Cotton seed	40	CXL	05	38	2006	
MO	0105 Edible offal (mammalian)	5	CXL	05	38	2006	Except pigs. Except pigs
PE	0112 Eggs	0.05 (*)	CXL	05	38	2006	
AS	0162 Hay or fodder (dry) of grasses		500	CXL	05	38	2006
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	

Part 1 - 152

PM	0110	Poultry meat	0.05	(*)	CXL	05	38	2006
PO	0111	Poultry, Edible offal of	0.5		CXL	05	38	2006
SO	0495	Rape seed	20		CXL	05	38	2006
AS	0651	Sorghum straw and fodder, Dry	50		CXL	05	38	2006
VD	0541	Soya bean (dry)	20		CXL	05	38	2006
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
CM	0654	Wheat bran, Unprocessed	20		CXL	05	38	2006
AS	0654	Wheat straw and fodder, Dry	300		CXL	05	38	2006

159 Vinclozolin

Main Uses 5 Fungicide

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

ADI 0.01 mg/kg body weight (1995)

AcuteRfD ()

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

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FB 0264	Blackberries	5	CXL				
FB 0020	Blueberries	5	CXL			1991	
VB 0041	Cabbages, Head	1	CXL				
MM 0812	Cattle meat	0.05 (*)	CXL				
ML 0812	Cattle milk	0.05 (*)	CXL				
VB 0404	Cauliflower	1	CXL				
FS 0013	Cherries	5 Po	CXL				
PE 0840	Chicken eggs	0.05 (*)	CXL				
PM 0840	Chicken meat	0.05 (*)	CXL				
VR 0469	Chicory, roots	5	CXL				
VP 0526	Common bean (pods and/or 2 immature seeds)		CXL				
VC 0424	Cucumber	1	CXL				
FB 0021	Currants, Black, Red, White	5	CXL				
FB 0266	Dewberries (including boysenberry and loganberry)	5	CXL				
VP 0529	Garden pea, Shelled	1	CXL				
VC 0425	Gherkin	1	CXL				
FB 0268	Gooseberry	5	CXL				
FB 0269	Grapes	5	CXL				
DH 1100	Hops, Dry	40	CXL			1991	

Part 1 - 154

FI	0341	Kiwi	10		CXL	
VL	0482	Lettuce, Head	5		CXL	1995
VC	0046	Melons, except watermelon	1		CXL	
VA	0385	Onion, Bulb	1		CXL	
FS	0247	Peach	5	Po	CXL	
VO	0445	Peppers, Sweet	3		CXL	1991
FP	0009	Pome fruits	1		CXL	
VR	0589	Potato	0.1		CXL	
SO	0495	Rape seed	1		CXL	1991
FB	0272	Raspberries, Red, Black	5		CXL	
FB	0275	Strawberry	10		CXL	
VO	0448	Tomato	3		CXL	
VS	0469	Witloof chicory (sprouts)	2		CXL	

160 Propiconazole

Main Uses 5 Fungicide

JMPR 87, 91R, 94R, 04T, 06R, 07R

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

AcuteRfD 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		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
TN	0660 Almonds	0.05	CXL	07	40	1991	Withdrawal recommended (JMPR 2007).
FI	0327 Banana	0.1	CXL			1991	
FI	0327 Banana	0.1	4	07	40		
GC	0640 Barley	0.05	CXL			1997	
GC	0640 Barley	0.2	4	07	40		
AS	0640 Barley straw and fodder, Dry2		4	07	40		
SB	0716 Coffee beans	0.1	CXL			1991	
SB	0716 Coffee beans	0.02	4	07	40		
FB	0265 Cranberry	0.3	CXL	06	39	2007	
FB	0265 Cranberry	0.3	4	07	40		
MO	0105 Edible offal (mammalian)	0.05	CXL			1991	
MO	0105 Edible offal (mammalian)	0.01 (*)	4	07	40		
PE	0112 Eggs	0.05 (*)	CXL			1991	
PE	0112 Eggs	0.01 (*)	4	07	40		
FB	0269 Grapes	0.5	CXL	07	40	1991	Withdrawal recommended (JMPR 2007).
GC	0645 Maize	0.05	4	07	40		
FI	0345 Mango	0.05	CXL	07	40	1991	Withdrawal recommended (JMPR 2007).

Part 1 - 156

MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	CXL			1991	
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*) (fat)	4	07	40		
ML	0106	Milks	0.01	(*)	CXL			1991	
ML	0106	Milks	0.01	(*)	4	07	40		
GC	0647	Oats	0.05	(*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
SO	0697	Peanut	0.05		CXL	07	40	1991	Withdrawal recommended (JMPR 2007).
SO	0703	Peanut, whole	0.1		CXL	07	40		Withdrawal recommended (JMPR 2007).
TN	0672	Pecan	0.05		CXL			1991	
TN	0672	Pecan	0.02	(*)	4	07	40		
FI	0353	Pineapple	0.02	(*)	4	07	40		
GC	0656	Popcorn	0.05		4	07	40		
PM	0110	Poultry meat	0.05	(*)	CXL			1991	
PM	0110	Poultry meat	0.01	(*) (fat)	4	07	40		
SO	0495	Rape seed	0.05		CXL			1991	
SO	0495	Rape seed	0.02		4	07	40		
GC	0650	Rye	0.05	(*)	CXL			1993	
GC	0650	Rye	0.02		4	07	40		
AS	0650	Rye straw and fodder, Dry	2		4	07	40		
VD	0541	Soya bean (dry)	0.07		4	07	40		
AL	0541	Soya bean fodder	5		4	07	40		
AL	1265	Soya bean forage (green)	2		4	07	40		
FS	0012	Stone fruits	1		CXL	07	40	1991	Withdrawal recommended (JMPR 2007).
VR	0596	Sugar beet	0.05		CXL			1991	
VR	0596	Sugar beet	0.02		4	07	40		
GS	0659	Sugar cane	0.05		CXL			1991	
GS	0659	Sugar cane	0.02	(*)	4	07	40		
VO	0447	Sweet corn (corn-on-the-cob)	0.05		4	07	40		

Part 1 - 157

GC	0653	Triticale	0.02		4	07	40	
GC	0654	Wheat	0.05	(*)	CXL			1993
GC	0654	Wheat	0.02		4	07	40	
AS	0654	Wheat straw and fodder, Dry2			4	07	40	

162 Tolyfluanid

Main Uses 5 Fungicide

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

ADI 0.08 mg/kg body weight (2002)

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FB 0264	Blackberries	5	CXL	02	35,36	2004	
VC 0424	Cucumber	1	CXL	02	35,36	2004	
FB 0021	Currants, Black, Red, White	0.5	CXL	02	35,36	2004	
FB 0269	Grapes	3	CXL	02	35,36	2004	
DH 1100	Hops, Dry	50	CXL	02	35,36	2004	
VA 0384	Leek	2	CXL	02	35,36	2004	
VL 0482	Lettuce, Head	15	CXL		36,37	2005	
VO 0445	Peppers, Sweet	2	CXL	02	35,36	2004	
FP 0009	Pome fruits	5	CXL	02		1991	
FB 0272	Raspberries, Red, Black	5	CXL	02	35,36	2004	
FB 0275	Strawberry	5	CXL	02	35,36	2004	
VO 0448	Tomato	3	CXL	02	35,36	2004	

165 Flusilazole

Main Uses 5 Fungicide

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

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

AcuteRfD 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AB 0226	Apple pomace, Dry	2	4	07	40		
FS 0240	Apricot	0.5	CXL			1997	
FS 0240	Apricot	0.2	4	07	40		
FI 0327	Banana	0.1	CXL			1993	
FI 0327	Banana	0.03	4	07	40		
GC 0640	Barley	0.1	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
AS 0640	Barley straw and fodder, Dry2		CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
MF 0812	Cattle fat	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
MM 0812	Cattle meat	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
ML 0812	Cattle milk	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
MO 0812	Cattle, Edible offal of	0.02 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
GC 0080	Cereal grains	0.2	4	07	40		
PE 0840	Chicken eggs	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
PM 0840	Chicken meat	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
PO 0840	Chicken, Edible offal of	0.01 (*)	CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
DF 0269	Dried grapes (=currants, raisins and sultanas)	1	CXL			1993	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3	4	07	40		

Part 1 - 160

MO	0105	Edible offal (mammalian)	2		4	07	40		
PE	0112	Eggs	0.1		4	07	40		
AB	0269	Grape pomace, Dry	2		4	07	40		
FB	0269	Grapes	0.5		CXL			1993	
FB	0269	Grapes	0.2		4	07	40		
MM	0095	Meat (from mammals other than marine mammals)	1	(fat)	4	07	40		
ML	0106	Milks	0.05		4	07	40		
FS	0245	Nectarine	0.5		CXL			1995	
FS	0245	Nectarine	0.2		4	07	40		
FS	0247	Peach	0.5		CXL			1995	
FS	0247	Peach	0.2		4	07	40		
FP	0009	Pome fruits	0.2		CXL			1993	
FP	0009	Pome fruits	0.3		4	07	40		
PM	0110	Poultry meat	0.2		4	07	40		
PO	0111	Poultry, Edible offal of	0.2		4	07	40		
SO	0495	Rape seed	0.05		CXL			1993	
SO	0495	Rape seed	0.1		4	07	40		
GC	0650	Rye	0.1		CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
AS	0650	Rye straw and fodder, Dry	2		CXL	07	40	1993	Withdrawal recommended (JMPR 2007).
VD	0541	Soya bean (dry)	0.05		4	07	40		
AB	0541	Soya bean hulls	0.05		4	07	40		
OR	0541	Soya bean oil, Refined	0.1		4	07	40		
AS	0081	Straw and fodder (dry) of cereal grains	5		4	07	40		Except rice
VR	0596	Sugar beet	0.01	(*)	CXL			1993	
VR	0596	Sugar beet	0.05		4	07	40		
SO	0702	Sunflower seed	0.1		4	07	40		
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	4	07	40		

Part 1 - 161

GC 0654 Wheat 0.1
AS 0654 Wheat straw and fodder, Dry2

CXL 07 40
CXL 07 40

1993 Withdrawal recommended (JMPR 2007).
1993 Withdrawal recommended (JMPR 2007).

166 Oxydemeton-Methyl

Main Uses 8 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)

AcuteRfD 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. The Committee noted that there are short-term intake concerns for children for apple; cabbages head; grapes, oranges; sweet, sour and pear (37-153). The Committee decided to return the draft MRLs for apple; cabbages, head; grapes; oranges, sweet, sour to Step 6 for the second time because of dietary intake concerns. JMPR stressed its request for information to support for alternative GAP reviews for these commodities (39-110,111).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.05	7	73, 84, 92, 98	40	32,33,37,38,3	The information provided to the 2004 JMPR precludes an estimate that the dietary intake would be below the ARfD for children aged ≤ 6
GC 0640	Barley	0.02 (*)	CXL	04	38	37	2006
AS 0640	Barley straw and fodder, Dry	0.1	CXL	04	38	37	2006
VB 0041	Cabbages, Head	0.05 (*)	7	84, 92, 98, 04	40	32,33,37,38,3	Returned to current Step. The information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD for children aged < 6years. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
MF 0812	Cattle fat	0.05 (*)	CXL	73, 92, 98	38	32,33,36	2006
VB 0404	Cauliflower	0.01 (*)	CXL	04	38	37	2006
VD 0526	Common bean (dry)	0.1	CXL	98, 04	38	32,37	2006
SO 0691	Cotton seed	0.05	CXL	73, 92, 98, 04	38	32,33,37	2006
PE 0112	Eggs	0.05 (*)	CXL	73, 92, 98, 04	38	32,33,37	2006
FB 0269	Grapes	0.1	7	73, 84, 92, 98, 04	40	32,33,37,38,3	Returned to current Step. The information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD for children aged < 6years

Part 1 - 163

VL	0480 Kale	0.01	(*)	CXL	84, 92, 98, 04	38	32,33,37	2006
VB	0405 Kohlrabi	0.05		CXL	84, 92, 98, 04	38	32,33,37	2006
FC	0204 Lemon	0.2		CXL	73, 92, 98, 04	38	32,33,37	2006
MM	0097 Meat of cattle, pigs & sheep	0.05	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
ML	0106 Milks	0.01	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
FC	0004 Oranges, Sweet, Sour	0.2		7	73, 92, 98, 04	40	32,33,37,38,3	

Returned to current Step. The information provided to the JMPR precludes an estimate that the dietary would be below the ARfD for children aged < 6years. 3 STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation. The Committee noted the strong reservation of the European Community against the advancement of the MRL for pear to Step 8 due to intake concerns (38-116).

FP	0230 Pear	0.05		CXL	73, 84, 92, 98, 04	38	32,33,37	2006
MF	0818 Pig fat	0.05	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
VR	0589 Potato	0.01	(*)	CXL	04	38	37	2006
PF	0111 Poultry fats	0.05	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
PM	0110 Poultry meat	0.05	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
GC	0650 Rye	0.02	(*)	CXL	04	38	37	2006
AS	0650 Rye straw and fodder, Dry	0.1		CXL	04	38	37,37	2006
MF	0822 Sheep fat	0.05	(*)	CXL	73, 92, 98, 04	38	32,33,37	2006
VR	0596 Sugar beet	0.01	(*)	CXL	04	38	37	2006
GC	0654 Wheat	0.02	(*)	CXL	04	38	37	2006
AS	0654 Wheat straw and fodder, Dry	0.1		CXL	04	38	37	2006

167 Terbufos

Main Uses 14 Nematicide

JMPR 89, 90, 03T', 05R'

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

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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 dr 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 5 Fungicide

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

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

AcuteRfD 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). See triadimefon ((133), 2007 JMPR).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0620 Artichoke, Globe	1	TF TN	CXL		1997	Source of data: triadimefon, triadimenol
FI	0327 Banana	0.2	TN	CXL		1997	Source of data: triadimenol
GC	0640 Barley	0.5	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
AS	0640 Barley straw and fodder, Dry5		TF TN	CXL		1995	Source of data: triadimefon, triadimenol
VD	0524 Chick-pea (dry)	0.05 (*)	TF	CXL		1997	Source of data: triadimefon
SB	0716 Coffee beans	0.1 (*)	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
FB	0021 Currants, Black, Red, White	0.5	TF	CXL		1997	Source of data: triadimefon
PE	0112 Eggs	0.05 (*)	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
AM	1051 Fodder beet	0.05 (*)	TF	CXL		1997	Source of data: triadimefon
VC	0045 Fruiting vegetables, Cucurbits 2		TF TN	CXL		1997	Source of data: triadimefon, triadimenol
FB	0269 Grapes	2	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
DH	1100 Hops, Dry	5	TF	CXL		1997	Source of data: triadimefon
FI	0345 Mango	0.05 (*)	TF	CXL		1997	Source of data: triadimefon
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
ML	0106 Milks	0.01 (*)	TF TN	CXL		1995	Source of data: triadimefon, triadimenol
AS	0647 Oat straw and fodder, Dry	5	TF TN	CXL		1997	Source of data: triadimefon, triadimenol
GC	0647 Oats	0.2	TF TN	CXL		1997	Source of data: triadimefon, triadimenol
VA	0389 Onion, Spring (green)	0.05 (*)	TF	CXL		1997	Source of data: triadimefon

Part 1 - 166

VA	0387	Onion, Welsh	0.05	(*)	TF TN	CXL	1997	Source of data: triadimefon, triadimenol
VP	0063	Peas (pods and succulent=immature seeds)	0.1		TF	CXL	1997	Source of data: triadimefon
VO	0445	Peppers, Sweet	0.1		TF	CXL	1997	Source of data: triadimefon
FI	0353	Pineapple	1	Po	TF	CXL	1997	Source of data: triadimefon
FP	0009	Pome fruits	0.5		TF TN	CXL	1997	Source of data: triadimefon, triadimenol
PM	0110	Poultry meat	0.05	(*)	TF TN	CXL	1995	Source of data: triadimefon, triadimenol
FB	0272	Raspberries, Red, Black	0.5		TF	CXL	1997	Source of data: triadimefon
GC	0650	Rye	0.2		TF TN	CXL	1995	Source of data: triadimefon, triadimenol
AS	0650	Rye straw and fodder, Dry	5		TF TN	CXL	1995	Source of data: triadimefon, triadimenol
FB	0275	Strawberry	0.1		TF	CXL	1997	Source of data: triadimefon
VR	0596	Sugar beet	0.1	(*)	TF TN	CXL	1997	Source of data: triadimefon, triadimenol
VO	0448	Tomato	0.5		TF	CXL	1997	Source of data: triadimefon
GC	0654	Wheat	0.2		TF TN	CXL	1995	Source of data: triadimefon, triadimenol
AS	0654	Wheat straw and fodder, Dry5			TF TN	CXL	1995	Source of data: triadimefon, triadimenol

169 Cyromazine

Main Uses 8 Insecticide

JMPR 90, 92R, 06T, 07R

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0620 Artichoke, Globe	3	4	07	40		
VD	0071 Beans (dry)	3	4	07	40		
VB	0400 Broccoli	1	4	07	40		
VB	0041 Cabbages, Head	10	4	07	40		The information provided to the 2007 JMPR precludes an estimate that the dietary intake would be below the ARfD.
VS	0624 Celery	5	CXL			1993	
VS	0624 Celery	4	4	07	40		
VC	0424 Cucumber	0.2	CXL			1993	
VC	0424 Cucumber	2	4	07	40		
MO	0105 Edible offal (mammalian)	0.3	4	07	40		
PE	0112 Eggs	0.2	CXL			1993	The MRL accommodates external animal treatment.
PE	0112 Eggs	0.3	4	07	40		
VO	0050 Fruiting vegetables other than cucurbits	1	4	07	40		Except mushroom and sweet corn-on-the-cob
VL	0482 Lettuce, Head	5	CXL			1993	
VL	0482 Lettuce, Head	4	4	07	40		
VL	0483 Lettuce, Leaf	4	4	07	40		
VP	0534 Lima bean (young pods and/or immature beans)	1	4	07	40		

Part 1 - 168

FI	0345	Mango	0.5		4	07	40		
MM	0095	Meat (from mammals other than marine mammals)	0.3		4	07	40		
VC	0046	Melons, except watermelon	0.2		CXL			1993	
VC	0046	Melons, except watermelon	0.5		4	07	40		
ML	0106	Milks	0.01	(*)	CXL			1993	The MRL accommodates external animal treatment.
ML	0106	Milks	0.01		4	07	40		
VO	0450	Mushrooms	5		CXL			1993	
VO	0450	Mushrooms	7		4	07	40		
VL	0485	Mustard greens	10		4	07	40		
VA	0385	Onion, Bulb	0.1		4	07	40		
VA	0389	Onion, Spring (green)	3		4	07	40		
VO	0051	Peppers	1		CXL	07	40	1995	Withdrawal recommended (JMPPR 2007).
PM	0110	Poultry meat	0.05	(*)	CXL			1993	The MRL accommodates external animal treatment.
PM	0110	Poultry meat	0.1		4	07	40		
PO	0111	Poultry, Edible offal of	0.2		4	07	40		
MM	0822	Sheep meat	0.05	(*)	CXL	07	40	1993	The MRL accomodates external animal treatment. Withdrawal recommended (JMPPR 2007).
VL	0502	Spinach	10		4	07	40		
VC	0431	Squash, summer	2		4	07	40		
VO	0448	Tomato	0.5		CXL	07	40	1993	Withdrawal recommended (JMPPR 2007).

171 Profenofos

Main Uses 8 Insecticide

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

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

AcuteRfD 1 mg/kg body weight (2007)

RESIDUE Profenofos.

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

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VB	0041 Cabbages, Head	1				1997	
SO	0691 Cotton seed	2				1997	
OR	0691 Cotton seed oil, Edible	0.05 (*)				1997	
PE	0112 Eggs	0.02 (*)				1995	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)				1997	
ML	0106 Milks	0.01 (*)				1995	
VO	0444 Peppers, Chili	5				1997	
VO	0445 Peppers, Sweet	0.5				1997	
VR	0589 Potato	0.05 (*)				1995	
VO	0448 Tomato	2				1995	

172 Bentazone

Main Uses 7 Herbicide

JMPR 91, 94R, 95R, 98, 99, 04T

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

AcuteRfD Unnecessary (JMPR 2004). ()

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.1	CXL			1997	
VD	0071 Beans (dry)	0.05 (*)	CXL			1997	
VD	0523 Broad bean (dry)	0.05 (*)	CXL			1997	
VP	0526 Common bean (pods and/or immature seeds)	0.2	CXL			1997	
PE	0112 Eggs	0.05 (*)	CXL			1997	
VD	0561 Field pea (dry)	1	CXL			1997	
VP	0528 Garden pea (young pods)	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			1997	
AS	0645 Maize fodder (dry)	0.2	CXL			1997	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (*)	CXL			1997	
ML	0106 Milks	0.05 (*)	CXL			1997	
GC	0647 Oats	0.1	CXL			1997	
VA	0385 Onion, Bulb	0.1	CXL			1995	
SO	0697 Peanut	0.05	CXL			1995	
VR	0589 Potato	0.1	CXL			1997	
GC	0649 Rice	0.1	CXL			1997	

Part 1 - 171

GC	0650	Rye	0.1		CXL	1997
GC	0651	Sorghum	0.1		CXL	1997
VD	0541	Soya bean (dry)	0.05	(*)	CXL	1995
GC	0654	Wheat	0.1		CXL	1997

173 Buprofezin

Main Uses 8 Insecticide

JMPR 91, 95R, 99TR

ADI 0.01 mg/kg body weight (1991)

AcuteRfD Unnecessary (JMPR 1999). ()

RESIDUE Buprofezin (fat-soluble).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VC	0424 Cucumber	1				1997	
FC	0004 Oranges, Sweet, Sour	0.5				2001	
VO	0448 Tomato	1				1997	

174 Cadusafos

Main Uses 8 Insecticide

JMPR 91, 92R

ADI 0.0003 mg/kg body weight (1991)

AcuteRfD ()

RESIDUE Cadusafos.

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FI	0327 Banana	0.01 (*)		CXL		1995	1992 JMPR noted that cadusafos was recovered quantitatively from bananas at fortification levels of 0.05 and 0.25 mg/kg.
VR	0589 Potato	0.02		CXL		1995	

175 Glufosinate-Ammonium

Main Uses 7 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 combination)

AcuteRfD Unnecessary (JMPR 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	0.5	CXL	98	34 32	2003	
VS	0621 Asparagus	0.05 (*)	CXL			1997	
FI	0030 Assorted tropical and sub-tropical fruits - inedible peel	0.05 (*)	CXL	98	34 32	2003	Except banana. Except banana.
FI	0327 Banana	0.2	CXL			1997	
FB	0018 Berries and other small fruits	0.1	CXL			1997	Except currants.
VD	0523 Broad bean (dry)	2	CXL			1997	
VR	0577 Carrot	0.05 (*)	CXL			1997	
FC	0001 Citrus fruits	0.1	CXL			1997	
VD	0526 Common bean (dry)	2	CXL			1997	
VP	0526 Common bean (pods and/or immature seeds)	0.05 (*)	CXL			1997	
VL	0470 Corn salad	0.05 (*)	CXL			1997	
FB	0021 Currants, Black, Red, White	0.5	CXL			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			1997	
AS	0645 Maize fodder (dry)	10	CXL	99	34 33	2003	
AF	0645 Maize forage	5	CXL-DF		99 38	33,34	2003

Part 1 - 175

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				1997
VD	0072	Peas (dry)	3		CXL				1997
FP	0009	Pome fruits	0.05	(*)	CXL				1997
VR	0589	Potato	0.5		CXL				1997
PM	0110	Poultry meat	0.05	(*)	CXL	99	34	33	2003
PO	0111	Poultry, Edible offal of	0.1	(*)	CXL	99	33		2003
SO	0495	Rape seed	5		CXL				1997
OC	0495	Rape seed oil, Crude	0.05	(*)	CXL				1997
VD	0541	Soya bean (dry)	2		CXL	99	34	33	2003
FS	0012	Stone fruits	0.05	(*)	CXL				1997
VR	0596	Sugar beet	0.05	(*)	CXL				1997
SO	0702	Sunflower seed	5		CXL				1997
OC	0702	Sunflower seed oil, crude	0.05	(*)	CXL				1997
TN	0085	Tree nuts	0.1		CXL	98	34	32	2003

176 Hexythiazox

Main Uses 1 Acaricide

JMPR 91, 94R, 98R

ADI 0.03 mg/kg body weight (1991)

AcuteRfD ()

RESIDUE Hexythiazox.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.5	CXL			1997	
FS 0013	Cherries	1	CXL			1997	
FC 0001	Citrus fruits	0.5	CXL			1997	
VP 0526	Common bean (pods and/or immature seeds)	0.5	CXL			1997	
VC 0424	Cucumber	0.1	CXL			1997	
FB 0279	Currant, Red, White	0.2	CXL			1997	
FB 0269	Grapes	1	CXL			1997	
DH 1100	Hops, Dry	2	CXL			2001	
FS 0247	Peach	1	CXL			1997	
FP 0230	Pear	0.5	CXL			1997	
FS 0014	Plums (including prunes)	0.2	CXL			1997	
FB 0275	Strawberry	0.5	CXL			1997	
VO 0448	Tomato	0.1	CXL			1997	

177 Abamectin

Main Uses 8 Insecticide

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

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

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	0.1	CXL			2001	
TN 0660	Almonds	0.01 (*)	CXL			2001	
FP 0226	Apple	0.02	CXL			2001	
MF 0812	Cattle fat	0.1	CXL			2001	The MRL accommodates external animal treatment.
MO 1280	Cattle kidney	0.05	CXL			2001	The MRL accommodates external animal treatment.
MO 1281	Cattle liver	0.1	CXL			2001	The MRL accommodates external animal treatment.
MM 0812	Cattle meat	0.01 (*)	CXL			2001	
ML 0812	Cattle milk	0.005	CXL			2001	
FC 0001	Citrus fruits	0.01 (*)	CXL			2001	
SO 0691	Cotton seed	0.01 (*)	CXL			2001	
VC 0424	Cucumber	0.01	CXL			2001	
MM 0814	Goat meat	0.01 (*)	CXL			2001	
ML 0814	Goat milk	0.005	CXL			2001	
MO 0814	Goat, Edible offal of	0.1	CXL			2001	
DH 1100	Hops, Dry	0.1	CXL			2001	
VL 0483	Lettuce, Leaf	0.05	CXL			2001	
VC 0046	Melons, except watermelon	0.01 (*)	CXL			2001	
FP 0230	Pear	0.02	CXL			2001	

Part 1 - 178

VO	0445	Peppers, Sweet	0.02		CXL	2001
VR	0589	Potato	0.01	(*)	CXL	2001
VC	0431	Squash, summer	0.01	(*)	CXL	2001
FB	0275	Strawberry	0.02		CXL	2001
VO	0448	Tomato	0.02		CXL	2001
TN	0678	Walnuts	0.01	(*)	CXL	2001
VC	0432	Watermelon	0.01	(*)	CXL	2001

178 Bifenthrin

Main Uses 8 Insecticide/Acaricide

JMPR 92, 95R, 96R, 97R

ADI 0.02 mg/kg body weight (1992)

AcuteRfD ()

RESIDUE Bifenthrin (fat-soluble).

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0640	Barley	0.05 (*)	CXL			1999	Residues are not expected to exceed 0.01 mg/kg.
AS 0640	Barley straw and fodder, Dry	0.5	CXL			1995	
MF 0812	Cattle fat	0.5	CXL			1999	
MO 1280	Cattle kidney	0.05 (*)	CXL			1995	
MO 1281	Cattle liver	0.05 (*)	CXL			1995	
MM 0812	Cattle meat	0.5 (fat)	CXL			1995	
ML 0812	Cattle milk	0.05 (*)	CXL			1999	
PE 0840	Chicken eggs	0.01 (*)	CXL			1995	
PF 0840	Chicken fat	0.05 (*)	CXL			1995	
PM 0840	Chicken meat	0.05 (*) (fat)	CXL			1995	
PO 0840	Chicken, Edible offal of	0.05 (*)	CXL			1995	
FC 0203	Grapefruit	0.05 (*)	CXL			1995	Residues are not expected to exceed 0.01 mg/kg.
DH 1100	Hops, Dry	10	CXL			1997	
FC 0204	Lemon	0.05 (*)	CXL			1995	Residues may occur near this level.
GC 0645	Maize	0.05 (*)	CXL			1999	Residues are not expected to exceed 0.01 mg/kg.
AS 0645	Maize fodder (dry)	0.2	CXL			1995	
FC 0208	Orange, Sweet	0.05 (*)	CXL			1995	Residues may occur near this level.
FP 0230	Pear	0.5	CXL			1995	
VR 0589	Potato	0.05 (*)	CXL			1995	Residues are not expected to exceed 0.01 mg/kg.
FB 0275	Strawberry	1	CXL			1995	
GC 0654	Wheat	0.5 Po	CXL			1999	

Part 1 - 180

CM	0654	Wheat bran, Unprocessed	2	PoP	CXL	1999
CF	1211	Wheat flour	0.2	PoP	CXL	1999
AS	0654	Wheat straw and fodder, Dry	0.5		CXL	1995
CF	1212	Wheat wholemeal	0.5	PoP	CXL	1999

179 Cycloxydim

Main Uses 7 Herbicide

JMPR 92, 93R

ADI 0.07 mg/kg body weight (1992)

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VD	0071 Beans (dry)	2	CXL			1997	
VB	0040 Brassica vegetables	2	CXL			1995	
VR	0577 Carrot	0.5	CXL			1995	
VP	0526 Common bean (pods and/or 1 immature seeds)		CXL			1995	
FB	0269 Grapes	0.5	CXL			1997	
VA	0384 Leek	0.2	CXL			1995	
VL	0482 Lettuce, Head	0.2	CXL			1997	
VL	0483 Lettuce, Leaf	0.2	CXL			1997	
VP	0063 Peas (pods and succulent=immature seeds)	1	CXL			1997	
VP	0064 Peas, Shelled (succulent seeds)	2	CXL			1997	
VR	0589 Potato	2	CXL			1997	
SO	0495 Rape seed	2	CXL			1995	
VD	0541 Soya bean (dry)	2	CXL			1997	
FB	0275 Strawberry	0.5	CXL			1997	
VR	0596 Sugar beet	0.2	CXL			1995	

180 Dithianon

Main Uses 5 Fungicide

JMPR 92, 95R

ADI 0.01 mg/kg body weight (1992)

AcuteRfD ()

RESIDUE Dithianon.

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

181 Myclobutanil

Main Uses 5 Fungicide

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

ADI 0.03 mg/kg body weight (1992)

AcuteRfD ()

RESIDUE Myclobutanil.

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FI	0327 Banana	2				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			1999	
PE	0112 Eggs	0.01 (*)	CXL			1995	
FB	0269 Grapes	1	CXL			1997	
DH	1100 Hops, Dry	2	CXL			2001	
FS	0014 Plums (including prunes)	0.2	CXL			1997	
FP	0009 Pome fruits	0.5	CXL			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	CXL			2001	Except plums.
FB	0275 Strawberry	1	CXL			2001	
VO	0448 Tomato	0.3	CXL			1999	

182 Penconazole

Main Uses 5 Fungicide

JMPR 92, 95R

ADI 0.03 mg/kg body weight (1992)

AcuteRfD ()

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

184 Etofenprox

Main Uses 8 Insecticide

JMPR 93, 06

ADI 0.03 mg/kg body weight (1993)

AcuteRfD ()

RESIDUE Etofenprox (fat-soluble).

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0009	Pome fruits	1				1997	
VR 0589	Potato	0.01 (*)				1995	

185 Fenpropathrin

Main Uses 8 Insecticide/Acaricide

JMPR 93, 06R

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

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MM 0812	Cattle meat	0.5 (fat)	CXL			1997	
ML 0812	Cattle milk	0.1 F	CXL			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			1997	
PE 0112	Eggs	0.01 (*)	CXL			1995	
VC 0425	Gherkin	0.2	CXL			1995	
FB 0269	Grapes	5	CXL			1997	
VO 0445	Peppers, Sweet	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	2	CXL	06	39	2007	
VO 0448	Tomato	1	CXL			1995	

187 Clethodim

Main Uses 7 Herbicide

JMPR 94, 97R, 99, 02R

ADI 0.01 mg/kg body weight (1994)

AcuteRfD Unnecessary (JMPR 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 sulphoxides and sulphones, expressed as clethodim.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	10	CXL	97	35	31, 32,33	2003
AL	0061 Bean fodder	10	CXL	99	35	33	2003
VD	0071 Beans (dry)	2	CXL	94, 97, 99	35	28, 31,33	2003
VP	0061 Beans, except broad bean and soya bean	0.5 (*)	CXL	97	35	31,33	2003
SO	0691 Cotton seed	0.5	CXL	94	35	28, 31,33	2003
OC	0691 Cotton seed oil, Crude	0.5 (*)	CXL	94, 97	35	28, 31,33	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	2003
PE	0112 Eggs	0.05 (*)	CXL	99	35	33	2003
VD	0561 Field pea (dry)	2	CXL	94, 97	35	28, 31,33	2003
AM	1051 Fodder beet	0.1 (*)	CXL	97	35	31, 32,33	2003
VA	0381 Garlic	0.5	CXL	97	35	31, 33	2003
MM	0095 Meat (from mammals other than marine mammals)	0.2 (*)	CXL	99	35	33	2003
ML	0106 Milks	0.05 (*)	CXL	99	35	33	2003
VA	0385 Onion, Bulb	0.5	CXL	97	35	31,33	2003
SO	0697 Peanut	5	CXL	97	35	31,33	2003
VR	0589 Potato	0.5	CXL	94, 99	35	28, 31,33	2003
PM	0110 Poultry meat	0.2 (*)	CXL	99	35	33	2003
PO	0111 Poultry, Edible offal of	0.2 (*)	CXL	99	35	33	2003

Part 1 - 188

SO	0495	Rape seed	0.5		CXL	94	35	28, 31,33	2003
OC	0495	Rape seed oil, Crude	0.5	(*)	CXL	94, 97	35	28, 31,33	2003
OR	0495	Rapeseed oil, Edible	0.5	(*)	CXL	94, 97	35	28, 31,33	2003
VD	0541	Soya bean (dry)	10		CXL	94	35	28, 31,33	2003
OC	0541	Soya bean oil, Crude	1		CXL	94	35	28, 31,33	2003
OR	0541	Soya bean oil, Refined	0.5	(*)	CXL	94, 97	35	28, 31,33	2003
VR	0596	Sugar beet	0.1		CXL	94, 97	35	28, 31,33	2003
SO	0702	Sunflower seed	0.5		CXL	94, 97, 99	35	28, 31,33	2003
OC	0702	Sunflower seed oil, crude	0.1	(*)	CXL	94, 97, 99	35	28, 31,33	2003
VO	0448	Tomato	1		CXL	97	35	31,33	2003

188 Fenpropimorph

Main Uses 5 Fungicide

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

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

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

Part 1 - 190

GC 0654 Wheat 0.5

CXL

2001

AS 0654 Wheat straw and fodder, Dry5

CXL

2001

189 Tebuconazole

Main Uses 5 Fungicide

JMPR 94, 97R

ADI 0.03 mg/kg body weight (1994)

AcuteRfD ()

RESIDUE Tebuconazole.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0327 Banana	0.05	CXL			1999	
GC	0640 Barley	0.2	CXL			1997	
AS	0640 Barley straw and fodder, Dry	10	CXL			1997	
MM	0812 Cattle meat	0.05 (*)	CXL			1997	
ML	0812 Cattle milk	0.01 (*)	CXL			1997	
MO	0812 Cattle, Edible offal of	0.05 (*)	CXL			1997	
FS	0013 Cherries	5	CXL			2001	
PE	0840 Chicken eggs	0.05 (*)	CXL			1997	
PM	0840 Chicken meat	0.05 (*)	CXL			1997	
PO	0840 Chicken, Edible offal of	0.05 (*)	CXL			1997	
VC	0424 Cucumber	0.2	CXL			1999	
DF	0269 Dried grapes (=currants, raisins and sultanas)	3	CXL			2001	
FB	0269 Grapes	2	CXL			2001	
GC	0647 Oats	0.05 (*)	CXL			1999	
FS	0247 Peach	1	CXL			1999	
SO	0697 Peanut	0.05	CXL			1997	
AL	0697 Peanut fodder	30	CXL			1997	
VO	0445 Peppers, Sweet	0.5	CXL			1999	
FP	0009 Pome fruits	0.5	CXL			1999	
SO	0495 Rape seed	0.05	CXL			1997	

Part 1 - 192

GC	0650	Rye	0.05	(*)	CXL	1997
AS	0650	Rye straw and fodder, Dry	5		CXL	1997
VC	0431	Squash, summer	0.02		CXL	1997
VO	0448	Tomato	0.2		CXL	1997
GC	0654	Wheat	0.05		CXL	1997
AS	0654	Wheat straw and fodder, Dry	10		CXL	1997

190 Teflubenzuron

Main Uses 9 Insect Growth Regulator

JMPR 94T, 96R

ADI 0.01 mg/kg body weight (1994)

AcuteRfD ()

RESIDUE Teflubenzuron (fat-soluble)

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

191 Tolclofos-Methyl

Main Uses 5 Fungicide

JMPR 94

ADI 0.07 mg/kg body weight (1994)

AcuteRfD ()

RESIDUE Tolclofos-methyl.

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

192 Fenarimol

Main Uses 5 Fungicide

JMPR 95, 96R

ADI 0.01 mg/kg body weight (1995)

AcuteRfD ()

RESIDUE Fenarimol.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AB 0226	Apple pomace, Dry	5	CXL			1999	
VS 0620	Artichoke, Globe	0.1	CXL			1997	
FI 0327	Banana	0.2	CXL			1997	
MO 1280	Cattle kidney	0.02 (*)	CXL			1999	
MO 1281	Cattle liver	0.05	CXL			1999	
MM 0812	Cattle meat	0.02 (*)	CXL			1999	
FS 0013	Cherries	1	CXL			1997	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.2	CXL			1999	
FB 0269	Grapes	0.3	CXL			1999	
DH 1100	Hops, Dry	5	CXL			1999	
VC 0046	Melons, except watermelon	0.05	CXL			1997	
FS 0247	Peach	0.5	CXL			1999	
TN 0672	Pecan	0.02 (*)	CXL			1997	
VO 0445	Peppers, Sweet	0.5	CXL			1999	
FP 0009	Pome fruits	0.3	CXL			1999	
FB 0275	Strawberry	1	CXL			1997	

193 Fenpyroximate

Main Uses 1 Acaricide

JMPR 95, 99R, 04T, 07T

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

AcuteRfD 0.02 mg/kg body weight (2007)

RESIDUE For compliance with MRLs and estimation of dietary intake: fenpyroximate. The residue is fat soluble.

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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.3	7	99	40	33,37,38,39	
FP 0226	Apple	0.3	4	07	40		The maximum residue level was recommended by the 1999 JMPR. The 2007 JMPR calculated the IESTI and concluded that the short-term intake of residues is unlikely to present a public health concern.
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	34	33	2003
ML 0812	Cattle milk	0.005 (*) F	CXL	99	34	33	2003
FB 0269	Grapes	1	7	99	40	33,37,38,39	
DH 1100	Hops, Dry	10	CXL	99	34	33	2003
FC 0004	Oranges, Sweet, Sour	0.2	CXL	99	33,37		2005

194 Haloxyfop

Main Uses 7 Herbicide

JMPR 95, 96R, 01R, 06T

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

AcuteRfD 0.08 mg/kg body weight. (2006)

RESIDUE Haloxyfop esters, haloxyfop and its conjugates expressed as haloxyfop.

Note Previous ADI - 0.0003 (1995). CCPR 36: Await 2004 JMPR to establish an acute RfD (36-164). The Committee decided to postpone discussions awaiting the 2006 JMPR risk assessment (37-162).

The Committee decided to return the proposed draft MRLs for cattle kidney; cattle liver; cattle meat and cattle milk to Step 3 and all draft MRLs to Step 6 because of chronic intake concern and awaiting the outcome of toxicological evaluation by the JMPR including consideration of acute toxicity. The Delegation of Australia was of the view that the haloxyfop residues should be classified as □fat soluble□ and therefore MRLs should be set for fat of meat and if possible for milk fat. Australia requested JMPR to look at MRLs of products of animal origin in relation to fat solubility, including extension of the MRL for cattle meat to mammalian meat. The Delegation of the Netherlands suggested to establish two MRLs, one for meat as such and the other for fat, in order to be able to check compliance for meats without any trimmable fat moving in international trade (38-120,121). The Committee decided to retain the proposed draft MRLs for cattle kidney; cattle liver; cattle meat and cattle milk at Step 4 and all draft MRLs at Step 7, awaiting the outcome of the 2009 JMPR evaluation (39-116).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI 0327	Banana	0.05 (*)	CXL		36	2001	
MO 1280	Cattle kidney	1	4	01	38	36,37	
MO 1281	Cattle liver	0.5	4	01	38	36,37	
MM 0812	Cattle meat	0.05	4	01	38	36,37	
ML 0812	Cattle milk	0.3	4	01	38	36,37	
PE 0840	Chicken eggs	0.01 (*)	7	96, 01	40	30,33,36,37,3	
PM 0840	Chicken meat	0.01 (*)	7	96, 01	40	30,33,36,37,3	
PO 0840	Chicken, Edible offal of	0.05	7	96, 01	40	30,33,36,37,3	
FC 0001	Citrus fruits	0.05 (*)	CXL			2001	
SO 0691	Cotton seed	0.2	7	96	40	30,33,36,37,3	
OC 0691	Cotton seed oil, Crude	0.5	7	96	40	30,33,36,37,3	
AM 1051	Fodder beet	0.3	7	96	40	30,	
FB 0269	Grapes	0.05 (*)	CXL			2001	
SO 0697	Peanut	0.05	7	96	40	30,33,36,37,3	

Part 1 - 198

VP	0063	Peas (pods and succulent=immature seeds)	0.2		7	96	40	30,33,36,37,3
FP	0009	Pome fruits	0.05	(*)	CXL			2001
VR	0589	Potato	0.1		7	96	40	30,33,36,37,3
VD	0070	Pulses	0.2		7	96	40	30,33,36,37,3
SO	0495	Rape seed	2		7	96	40	30,33,36,37,3
OC	0495	Rape seed oil, Crude	5		7	96	40	30,33,36,37,3
OR	0495	Rapeseed oil, Edible	5		7	96	40	30,33,36,37,3
CM	1206	Rice bran, Unprocessed	0.02	(*)	7	96	40	30,
CM	0649	Rice, Husked	0.02	(*)	7	96	40	30,
CM	1205	Rice, Polished	0.02	(*)	7	96	40	30,
OC	0541	Soya bean oil, Crude	0.2		7	96	40	30,33,36,37,3
OR	0541	Soya bean oil, Refined	0.2		7	96	40	30,33,36,37,3
VR	0596	Sugar beet	0.3		7	96	40	30,33,36,37,3
SO	0702	Sunflower seed	0.2		7	96	40	30,33,36,37,3

195 Flumethrin

Main Uses 8 Insecticide

JMPR 96

ADI 0.004 mg/kg body weight (1996)

AcuteRfD ()

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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
MM	0812 Cattle meat	0.2 (fat)	CXL			1999	On carcass fat basis. The MRL accommodates external animal treatment.
ML	0812 Cattle milk	0.05 F	CXL			1999	The MRL accommodates external animal treatment.

196 Tebufenozide

Main Uses 8 Insecticide

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

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	30	CXL	01	35,36	2004	
TN	0660 Almonds	0.05	CXL	01	35,36	2004	
FI	0326 Avocado	1	CXL	01	35,36	2004	
FB	0020 Blueberries	3	CXL	01	35,36	2004	
VB	0400 Broccoli	0.5	CXL	01	35,36	2004	
VB	0041 Cabbages, Head	5	CXL	01	35,36	2004	
FC	0001 Citrus fruits	2	CXL	01	35,36	2004	
FB	0265 Cranberry	0.5	CXL	01	35,36	2004	
DF	0269 Dried grapes (=currants, raisins and sultanas)	2	CXL	01	35,36	2004	
MO	0105 Edible offal (mammalian)	0.02 (*)	CXL	03	36	2004	
PE	0112 Eggs	0.02 (*)	CXL	01	35,36	2004	
FB	0269 Grapes	2	CXL	96, 99, 01	35,36 30, 31	2004	
FI	0341 Kiwi	0.5	CXL			1999	
VL	0053 Leafy vegetables	10	CXL	01	35,36	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 Mint top	20	CXL	01	35,36	2004	
FS	0245 Nectarine	0.5	CXL	01	35,36	2004	

Part 1 - 201

FS	0247	Peach	0.5		CXL	01	35,36	2004	
TN	0672	Pecan	0.01	(*)	CXL	01	35,36	2004	
VO	0051	Peppers	1		CXL	01	35,36	2004	
FP	0009	Pome fruits	1		CXL			1999	Confirmed (1999 JMPR)
PM	0110	Poultry meat	0.02	(*)	CXL	01	35,36	2004	
SO	0495	Rape seed	2		CXL	01	35,36	2004	
FB	0272	Raspberries, Red, Black	2		CXL	01	35,36	2004	
CM	0649	Rice, Husked	0.1		CXL		35	1999	
GS	0659	Sugar cane	1		CXL	01	35,36	2004	
VO	0448	Tomato	1		CXL	01	35,36	2004	
TN	0678	Walnuts	0.05		CXL			1999	

197 Fenbuconazole

Main Uses 5 Fungicide

JMPR 97 (02R)

ADI 0.03 mg/kg body weight (1997)

AcuteRfD ()

RESIDUE Fenbuconazole (fat soluble).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FS	0240 Apricot	0.5	CXL			2001	
FI	0327 Banana	0.05	CXL			1999	
GC	0640 Barley	0.2	CXL			2001	
AS	0640 Barley straw and fodder, Dry3		CXL			2001	
MF	0812 Cattle fat	0.05 (*)	CXL			2001	
MO	1280 Cattle kidney	0.05 (*)	CXL			2001	
MO	1281 Cattle liver	0.05	CXL			2001	
MM	0812 Cattle meat	0.05 (*)	CXL			2001	
ML	0812 Cattle milk	0.05 (*)	CXL			2001	
FS	0013 Cherries	1	CXL			1999	
VC	0424 Cucumber	0.2	CXL			1999	
PE	0112 Eggs	0.05 (*)	CXL			2001	
FB	0269 Grapes	1	CXL			1999	
VC	0046 Melons, except watermelon	0.2	CXL			1999	
FS	0247 Peach	0.5	CXL			2001	
TN	0672 Pecan	0.05 (*)	CXL			1999	
FP	0009 Pome fruits	0.1	CXL			1999	
PF	0111 Poultry fats	0.05 (*)	CXL			2001	
PM	0110 Poultry meat	0.05 (*)	CXL			2001	
PO	0111 Poultry, Edible offal of	0.05 (*)	CXL			2001	
SO	0495 Rape seed	0.05 (*)	CXL			2001	

Part 1 - 203

GC	0650	Rye	0.1		CXL	1999
VC	0431	Squash, summer	0.05		CXL	1999
SO	0702	Sunflower seed	0.05	(*)	CXL	1999
GC	0654	Wheat	0.1		CXL	1999
AS	0654	Wheat straw and fodder, Dry3			CXL	1999

199 Kresoxim-Methyl

Main Uses 5 Fungicide

JMPR 98, 01R

ADI 0.4 mg/kg body weight (1998)

AcuteRfD Unnecessary (JMPR 1998). ()

RESIDUE Plant commodities: kresoxim-methyl.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MF 0100		0.05 (*)	CXL	98	34 32	2003	
GC 0640	Barley	0.1	CXL	98	34 32	2003	
VC 0424	Cucumber	0.05 (*)	CXL			2001	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2	CXL			2001	
MO 0105	Edible offal (mammalian)	0.05 (*)	CXL	98	34 32	2003	
FC 0203	Grapefruit	0.5	CXL	01	35	2003	
FB 0269	Grapes	1	CXL			2001	
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	2003	
FT 0305	Olives	0.2	CXL	01	35	2003	
FC 0004	Oranges, Sweet, Sour	0.5	CXL	01	35	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			2001	
AS 0081	Straw and fodder (dry) of cereal grains	5	CXL			2001	
GC 0654	Wheat	0.05 (*)	CXL			2001	

200 Pyriproxifen

Main Uses 8 Insecticide

JMPR 99, 00R, 01T

ADI 0.1 mg/kg body weight (1999)

AcuteRfD Unnecessary (JMPR 1998). ()

RESIDUE Pyriproxifen (fat-soluble).

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
MM	0812 Cattle meat	0.01 (*) (fat)	CXL	99	34	33	2003	
MO	0812 Cattle, Edible offal of	0.01 (*)	CXL	99	34	33	2003	
FC	0001 Citrus fruits	0.5	CXL				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 16 Plant Growth Regulator

JMPR 00T, 01R, 05T'

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

AcuteRfD 0.5 mg/kg body weight (2005)

RESIDUE Chlorpropham (fat-soluble).

Note Previous Acute RfD 0.03 (2000 JMPR). CCPR 36: noting that this compound was tentatively scheduled for toxicological evaluation by JMPR in 2005, all commodities have been retained at Step 7 (36-166). The Committee decided to return all the MRLs to Step 6 because of acute intake concerns for potato (before peeling and cooking) and awaiting the toxicological evaluation by the 2005 JMPR (37-163).

The Committee noted the reservation of the EC on the advancement of the MRL for potato because of intake concerns related to micro-waved unpeeled potatoes for toddlers. The Committee requested the JMPR to review the basis on which the draft MRL for cattle milk was established. A similar request applied for diphenylamine (030) (38-123).

Commodity Code	Commodity Name		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
MM	0812	Cattle meat	0.1 (fat)	CXL	01	38 35,37		
ML	0812	Cattle milk	0.0005 (*) F	CXL	01	38 35,37		
MO	0812	Cattle, Edible offal of	0.01 (*)	CXL	01	38 35,37		
VR	0589	Potato	30 Po	CXL	01	38 35,37		

202 Fipronil

Main Uses 8 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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0327 Banana	0.005	CXL	01	35	2003	
GC	0640 Barley	0.002 (*)	CXL	01	35	2003	
VB	0041 Cabbages, Head	0.02	CXL	01	35	2003	
MO	1280 Cattle kidney	0.02	CXL	01	35	2003	
MO	1281 Cattle liver	0.1	CXL	01	35	2003	
MM	0812 Cattle meat	0.5 (fat)	CXL	01	35	2003	
ML	0812 Cattle milk	0.02	CXL	01	35	2003	
PE	0112 Eggs	0.02	CXL	01	35	2003	
VB	0042 Flowerhead brassicas	0.02	CXL	01	35	2003	
GC	0645 Maize	0.01	CXL	01	35	2003	
AS	0645 Maize fodder (dry)	0.1 dry wt	CXL	01	35	2003	
GC	0647 Oats	0.002 (*)	CXL	01	35	2003	
VR	0589 Potato	0.02	CXL	01	35	2003	
PM	0110 Poultry meat	0.01 (*)	CXL	01	35	2003	
PO	0111 Poultry, Edible offal of	0.02	CXL	01	35	2003	
GC	0649 Rice	0.01	CXL	01	35	2003	
AS	0649 Rice straw and fodder, Dry	0.2 dry wt	CXL	01	35	2003	
GC	0650 Rye	0.002 (*)	CXL	01	35	2003	
VR	0596 Sugar beet	0.2	CXL	01	35	2003	

Part 1 - 208

SO	0702	Sunflower seed	0.002	(*)	CXL	01	35	2003
GC	0653	Triticale	0.002	(*)	CXL	01	35	2003
GC	0654	Wheat	0.002	(*)	CXL	01	35	2003

203 Spinosad

Main Uses 8 Insecticide

JMPR 01, 04R

ADI 0-0.02 mg/kg body weight (2001)

AcuteRfD Unnecessary (JMPR 2001). ()

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: sum of spinosyn A and spinosyn D. The residue is fat-soluble, but residues in milk should be determined in the whole milk.
Residues in milk should be measured on the whole milk.

Note The recommendations are derived from a dairy cow feeding study and the corresponding animal dietary burden. They are extended to 'Edible offal (Mammalian) [except cattle]' and 'Meat (from mammals other than marine mammals) [except cattle]' following the policy of the 2002 JMPR. The proposed MRLs for cattle meat (3 mg/kg, fat), cattle kidney (1 mg/kg) and cattle liver (2mg/kg), arising from the direct use of spinosad on cattle, should remain. They exceed the recommendations for mammalian meat and offal, and so require the restriction 'except cattle' to the general commodity descriptions.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	2	CXL	01	35	2003	
TN	0660 Almonds	0.01 (*)	CXL	01	35	2003	
FP	0226 Apple	0.1	CXL	01	35	2003	
VB	0040 Brassica vegetables	2	CXL	01	35	2004	
MO	1280 Cattle kidney	1	CXL	01	35	2003	The MRL accommodates external animal treatment.
MO	1281 Cattle liver	2	CXL	01	35	2003	The MRL accommodates external animal treatment.
MM	0812 Cattle meat	3 (fat)	CXL	01	35	2003	The MRL accommodates external animal treatment.
ML	0812 Cattle milk	1	CXL	01	35,36,37	2005	The MRL accommodates external animal treatment.
FM	0812 Cattle milk fat	5	CXL	04	37	2005	
VS	0624 Celery	2	CXL	01	35	2003	
GC	0080 Cereal grains	1 Po	CXL	04	37	2005	
FC	0001 Citrus fruits	0.3	CXL	01	35	2003	
SO	0691 Cotton seed	0.01 (*)	CXL	01	35	2003	
OC	0691 Cotton seed oil, Crude	0.01 (*)	CXL	01	35	2003	

Part 1 - 210

OR	0691	Cotton seed oil, Edible	0.01	(*)	CXL	01	35	2003	
DF	0269	Dried grapes (=currants, raisins and sultanas)	1		CXL	04	37	2005	
MO	0105	Edible offal (mammalian)	0.5		CXL	04	37	2005	Except cattle.
PE	0112	Eggs	0.01		CXL	01	35	2003	
VC	0045	Fruiting vegetables, Cucurbits			0.2	CXL	01	35	2003
FB	0269	Grapes	0.5		CXL	04	37	2005	
FI	0341	Kiwi	0.05		CXL	01	35	2003	
VL	0053	Leafy vegetables	10		CXL	01	35	2004	
VP	0060	Legume vegetables	0.3		CXL	01	35	2003	
AS	0645	Maize fodder (dry)	5		CXL	01	35	2003	
MM	0095	Meat (from mammals other than marine mammals)	2	(fat)	CXL	04	37	2005	
VO	0051	Peppers	0.3		CXL	01	35	2003	
VR	0589	Potato	0.01	(*)	CXL	01	35	2003	
PM	0110	Poultry meat	0.2	(fat)	CXL	01	35	2003	
VD	0541	Soya bean (dry)	0.01	(*)	CXL	01	35	2003	
FS	0012	Stone fruits	0.2		CXL	01	35	2003	
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	01	35	2003	
VO	0448	Tomato	0.3		CXL	01	35	2003	
CM	0654	Wheat bran, Unprocessed	2		CXL	04	37	2005	
AS	0654	Wheat straw and fodder, Dry1			CXL	01	35	2003	

204 Esfenvalerate

Main Uses 8 Insecticide

JMPR 02, 04R

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

AcuteRfD 0.02 mg/kg body weight (2002)

RESIDUE Sum of fenvalerate isomers (fat-soluble).

Note Noting that esfenvalerate and fenvalerate have the same residue definition, and that higher fenvalerate CXLs exist for cotton seed; tomato and wheat, the Committee decided to return the MRLs for these commodities to Step 6 until fenvalerate is phased out (36-169).

The Committee decided to return the draft MRLs of cotton seed; tomato and wheat to Step 6 awaiting information on the phasing out of fenvalerate and the subsequent revocation of its CXLs (38-124). The Committee decided to retain the draft MRLs for cotton seed; tomato; and wheat at Step 6, awaiting information on the phasing out of fenvalerate and the subsequent revocation of its CXLs. The JMPR secretariat clarified that "phase-out" meant that the relevant compound was no longer supported in Codex; therefore the existing CXLs would be proposed for revocation. The Committee decided to request information from Codex Members and Observers regarding the support for fenvalerate and also for metalaxyl (39-117,118,119).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
SO 0691	Cotton seed	0.05	7	02	40	35,36,37,38,3	Returned to Step 6 until fenvalerate is phased out (36-169).
PE 0112	Eggs	0.01 (*)	CXL	02	35,36	2004	
PM 0110	Poultry meat	0.01 (*) (fat)	CXL	02	35,36	2004	
PO 0111	Poultry, Edible offal of	0.01 (*)	CXL	02	35,36	2004	
SO 0495	Rape seed	0.01 (*)	CXL	02	35,36	2004	
VO 0448	Tomato	0.1	7	02	40	35,36,37,38,3	Returned to Step 6 until fenvalerate is phased out (36-169).
GC 0654	Wheat	0.05	7	02	40	35,36,37,38,3	Returned to Step 6 until fenvalerate is phased out (36-169).
AS 0654	Wheat straw and fodder, Dry2		CXL	02	35,36	2004	

205 Flutolanil

Main Uses 5 Fungicide

JMPR 02

ADI 0.09 mg/kg body weight (2002)

AcuteRfD Unnecessary (JMPR 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
PE 0112	Eggs	0.05 (*)	CXL	02	35,36	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.1	CXL	02	35,36	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	0.2	CXL	02	35,36	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	CXL	02	35,36	2004	
ML 0106	Milks	0.05 (*)	CXL	02	35,36	2004	
PM 0110	Poultry meat	0.05 (*)	CXL	02	35,36	2004	
PO 0111	Poultry, Edible offal of	0.05 (*)	CXL	02	35,36	2004	
CM 1206	Rice bran, Unprocessed	10	CXL	02	35,36	2004	
AS 0649	Rice straw and fodder, Dry	10	CXL	02	35,36	2004	
CM 0649	Rice, Husked	2	CXL	02	35,36	2004	
CM 1205	Rice, Polished	1	CXL	02	35,36	2004	

206 Imidacloprid

Main Uses 8 Insecticide

JMPR 01T, 02R, 06R

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.5	CXL	02	35,36	2004	
AB 0226	Apple pomace, Dry	5	CXL	02	35,36	2004	
FS 0240	Apricot	0.5	CXL	02	35,36	2004	
FI 0327	Banana	0.05	CXL	02	35,36	2004	
AS 0640	Barley straw and fodder, Dry1		CXL	02	35,36	2004	dry wt
VP 0061	Beans, except broad bean and soya bean	2	CXL	02	35,36	2004	
VB 0400	Broccoli	0.5	CXL	02	35,36	2004	
VB 0402	Brussels sprouts	0.5	CXL	02	35,36	2004	
VB 0041	Cabbages, Head	0.5	CXL	02	35,36	2004	
VB 0404	Cauliflower	0.5	CXL	02	35,36	2004	
GC 0080	Cereal grains	0.05	CXL	02	35,36	2004	
FS 0244	Cherry, Sweet	0.5	CXL	02	38	2006	
FC 0001	Citrus fruits	1	CXL	02	35,36	2004	
AB 0001	Citrus pulp, Dry	10	CXL	02	35,36	2004	
FB 0265	Cranberry	0.05 (*)	CXL	06	39	2007	
VC 0424	Cucumber	1	CXL	0.2	35,36	2004	
MO 0105	Edible offal (mammalian)	0.05	CXL	02	35,36	2004	
VO 0440	Egg plant	0.2	CXL	02	35,36	2004	
PE 0112	Eggs	0.02 (*)	CXL	02	35,36	2004	
FB 0269	Grapes	1	CXL	02	35,36	2004	

Part 1 - 214

DH	1100	Hops, Dry	10		CXL	02	35,36	2004
VA	0384	Leek	0.05	(*)	CXL	02	35,36	2004
VL	0482	Lettuce, Head	2		CXL	02	35,36	2004
AS	0645	Maize fodder (dry)	0.2		CXL	02	35,36	2004
FI	0345	Mango	0.2		CXL	02	35,36	2004
MM	0095	Meat (from mammals other than marine mammals)	0.02	(*)	CXL	02	35,36	2004
VC	0046	Melons, except watermelon	0.2		CXL	02	35,36	2004
ML	0106	Milks	0.02	(*)	CXL	02	35,36	2004
FS	0245	Nectarine	0.5		CXL	02	35,36	2004
AS	0647	Oat straw and fodder, Dry	1		CXL	02	35,36	2004
VA	0385	Onion, Bulb	0.1		CXL	02	35,36	2004
FS	0247	Peach	0.5		CXL	02	35,36	2004
FP	0230	Pear	1		CXL	02	35,36	2004
TN	0672	Pecan	0.05		CXL	02	35,36	2004
VO	0051	Peppers	1		CXL	02	35,36	2004
FS	0014	Plums (including prunes)	0.2		CXL	02	35,36	2004
VR	0589	Potato	0.5		CXL	02	35,36	2004
PM	0110	Poultry meat	0.02	(*)	CXL	02	35,36	2004
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	02	35,36	2004
SO	0495	Rape seed	0.05	(*)	CXL	02	35,36	2004
AS	0650	Rye straw and fodder, Dry	1		CXL	02	35,36	2004
VC	0431	Squash, summer	1		CXL	02	35,36	2004
VR	0596	Sugar beet	0.05	(*)	CXL	02	35,36	2004
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	02	35,36	2004
VO	0448	Tomato	0.5		CXL	02	35,36	2004
VC	0432	Watermelon	0.2		CXL	02	35,36	2004
CM	0654	Wheat bran, Unprocessed	0.3		CXL	02	35,36	2004
CF	1211	Wheat flour	0.03		CXL	02	35,36	2004
AS	0654	Wheat straw and fodder, Dry1			CXL	02	35,36	2004

207 Cyprodinil

Main Uses 5 Fungicide

JMPR 03

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

AcuteRfD Unnecessary (JMPR 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	0.05 (*)	CXL	03	36,37	2005	
TN 0660	Almonds	0.02 (*)	CXL	03	36,37	2005	
FP 0226	Apple	0.05 (*)	CXL	03	36,37	2005	
GC 0640	Barley	3	CXL	03	36,37	2005	
VP 0061	Beans, except broad bean and soya bean	0.5	CXL	03	36,37	2005	
VC 0424	Cucumber	0.2	CXL	03	36,37	2005	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5	CXL	03	36,37	2005	
MO 0105	Edible offal (mammalian)	0.01 (*)	CXL	03	36,37	2005	
VO 0440	Egg plant	0.2	CXL	03	36,37	2005	
PE 0112	Eggs	0.01 (*)	CXL	03	36,37	2005	
FB 0269	Grapes	3	CXL	03	36,37	2005	
VL 0482	Lettuce, Head	10	CXL	03	36,37	2005	
VL 0483	Lettuce, Leaf	10	CXL	03	36,37	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)	CXL	03	36,37	2005	
ML 0106	Milks	0.0004 (*)	CXL	03	36,37	2005	The MRL is calculated as 4% of the LOQ for milk fat (0.01 mg/kg). Milk fat is the fraction of the milk that is analyzed (JMPR 2003). 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.

Part 1 - 217

VA	0385	Onion, Bulb	0.3		CXL	03	36,37	2005
FP	0230	Pear	1		CXL	03	36,37	2005
VO	0445	Peppers, Sweet	0.5		CXL	03	36,37	2005
PM	0110	Poultry meat	0.01	(*) (fat)	CXL	03	36,37	2005
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	03	36,37	2005
DF	0014	Prunes	5		CXL	03	36,37	2005
FB	0272	Raspberries, Red, Black	0.5		CXL	03	36,37	2005
VC	0431	Squash, summer	0.2		CXL	03	36,37	2005
FS	0012	Stone fruits	2		CXL	03	36,37	2005
AS	0081	Straw and fodder (dry) of cereal grains	10		CXL	03	36,37	2005
FB	0275	Strawberry	2		CXL	03	36,37	2005
VO	0448	Tomato	0.5		CXL	03	36,37	2005
GC	0654	Wheat	0.5		CXL	03	36,37	2005
CM	0654	Wheat bran, Unprocessed	2		CXL	03	36,37	2005

208 Famoxadone

Main Uses 5 Fungicide

JMPR 03

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.2	CXL	03	36,37	2005	
AS	0640 Barley straw and fodder, Dry	5	CXL	03	36,37	2005	
VC	0424 Cucumber	0.2	CXL	03	36,37	2005	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5	CXL	03	36,37	2005	
MO	0105 Edible offal (mammalian)	0.5	CXL	03	36,37	2005	
PE	0112 Eggs	0.01 (*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
AB	0269 Grape pomace, Dry	7	CXL	03	36,37	2005	
FB	0269 Grapes	2	CXL	03	36,37	2005	
MM	0095 Meat (from mammals other than marine mammals)	0.5 (fat)	CXL	03	36,37	2005	
ML	0106 Milks	0.03 (F)	CXL	03	36,37	2005	
VR	0589 Potato	0.02 (*)	CXL	03	36,37	2005	
PM	0110 Poultry meat	0.01 (*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
PO	0111 Poultry, Edible offal of	0.01 (*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
VC	0431 Squash, summer	0.2	CXL	03	36,37	2005	
VO	0448 Tomato	2	CXL	03	36,37	2005	

Part 1 - 219

GC	0654	Wheat	0.1	CXL	03	36,37	2005
CM	0654	Wheat bran, Unprocessed	0.2	CXL	03	36,37	2005
AS	0654	Wheat straw and fodder, Dry7		CXL	03	36,37	2005

209 Methoxyfenozide

Main Uses 8 Insecticide

JMPR 03, 06R

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

AcuteRfD 0.9 mg/kg body weight, confirmed 2006 (2003)

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: methoxyfenozide.

- 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	50	CXL	03	36,37	2005	
AB	0226 Apple pomace, Dry	7	CXL	03	36,37	2005	
VB	0400 Broccoli	3	CXL	03	36,37	2005	
VB	0041 Cabbages, Head	7	CXL	03	36,37	2005	
VS	0624 Celery	15	CXL	03	36,37	2005	
SO	0691 Cotton seed	7	CXL	03	36,37	2005	
FB	0265 Cranberry	0.7	CXL	06	39	2007	
DF	0269 Dried grapes (=currants, raisins and sultanas)	3	CXL	03	36,37	2005	
MO	0105 Edible offal (mammalian)	0.02	CXL	03	36,37	2005	
PE	0112 Eggs	0.01	CXL	03	36,37	2005	
FB	0269 Grapes	1	CXL	03	36,37	2005	
VL	0482 Lettuce, Head	15	CXL	03	36,37	2005	
VL	0483 Lettuce, Leaf	30	CXL	03	36,37	2005	
GC	0645 Maize	0.02 (*)	CXL	03	36,37	2005	
AS	0645 Maize fodder (dry)	60	CXL	03	36,37	2005	
MM	0095 Meat (from mammals other than marine mammals)	0.05 (fat)	CXL	03	36,37	2005	
ML	0106 Milks	0.01	CXL	03	36,37	2005	
VL	0485 Mustard greens	30	CXL	03	36,37	2005	

Part 1 - 221

VO	0051	Peppers	2		CXL	03	36,37	2005	
FP	0009	Pome fruits	2		CXL	03	36,37	2005	
PM	0110	Poultry meat	0.01	(*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with metoxyfenozide residues as evaluated by the JMPR.
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	03	36,37	2005	Animal commodity, no residues expected from consumption of feed commodities with metoxyfenozide residues as evaluated by the JMPR.
DF	0014	Prunes	2		CXL	03	36,37	2005	
FS	0012	Stone fruits	2		CXL	03	36,37	2005	
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	03	36,37	2005	
VO	0448	Tomato	2		CXL	03	36,37	2005	
TN	0085	Tree nuts	0.1		CXL	03	36,37	2005	

210 Pyraclostrobin

Main Uses 5 Fungicide

JMPR 03T, 04R, 06R

ADI 0-0.03 mg/kg body weight 2003

AcuteRfD 0.05 mg/kg body weight. Confirmed 2006. (2003)

RESIDUE For compliance with MRLs and for dietary intake estimation: pyraclostrobin.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	2	CXL	04	38 37	2006	
TN 0660	Almonds	0.02 (*)	CXL	04	38 37	2006	
FP 0226	Apple	0.5	CXL	06	39	2007	
FI 0327	Banana	0.02 (*)	CXL	04	38 37	2006	
GC 0640	Barley	0.5	CXL	04	38 37	2006	
VD 0071	Beans (dry)	0.2	CXL	04	38 37	2006	
FB 0020	Blueberries	1	CXL	04	38 37	2006	
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	
FC 0001	Citrus fruits	1	CXL	04	38 37	2006	
SB 0716	Coffee beans	0.3	CXL	06	39	2007	
VC 0424	Cucumber	0.5	CXL	06	39	2007	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5	CXL	04	38 37	2006	
MO 0105	Edible offal (mammalian)	0.05 (*)	CXL	04	38 37	2006	
VO 0440	Egg plant	0.3	CXL	06	39	2007	
PE 0112	Eggs	0.05 (*)	CXL	04	38 37	2006	
VB 0042	Flowerhead brassicas	0.1	CXL	06	39	2007	
VA 0381	Garlic	0.05 (*)	CXL	04	38 37	2006	

Part 1 - 223

FB	0269	Grapes	2		CXL	04	38	37	2006	EC: acute intake concern (37-172)
DH	1100	Hops, Dry	15		CXL	06	39		2007	
VL	0480	Kale	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	
GC	0647	Oats	0.5		CXL	04	38	37	2006	
VA	0385	Onion, Bulb	0.2		CXL	04	38	37	2006	
FI	0350	Papaya	0.05	(*)	CXL	04	38	37	2006	
AL	0072	Pea hay or pea fodder (dry)	30		CXL	04	38	37	2006	
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	
TN	0672	Pecan	0.02	(*)	CXL	04	38	37	2006	
VO	0051	Peppers	0.5		CXL	06	39		2007	
TN	0675	Pistachio nuts	1		CXL	04	38	37	2006	
VR	0589	Potato	0.02	(*)	CXL	04	38	37	2006	
PM	0110	Poultry meat	0.05	(*)	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	

Part 1 - 224

VD	0541	Soya bean (dry)	0.05	CXL	06	39		2007
GC	4673	Spelt	0.2	CXL	06	39		2007
VC	0431	Squash, summer	0.3	CXL	04	38	37	2006
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
VR	0596	Sugar beet	0.2	CXL	04	38	37	2006
SO	0702	Sunflower seed	0.3	CXL	06	39		2007
VO	0448	Tomato	0.3	CXL	04	38	37	2006
GC	0654	Wheat	0.2	CXL	04	38	37	2006

211 Fludioxonil

Main Uses 5 Fungicide

JMPR 04,06R

ADI 0-0.4 mg/kg body weight 2004

AcuteRfD Unnecessary (JMPR 2006). ()

RESIDUE For compliance with MRLs and estimation of dietary intake in plant commodities: fludioxonil. Residue for compliance with MRLs and estimation of dietary intake in livestock commodities: fludioxonil and metabolites determined as 2,2-difluoro-1,3-benzodioxole-4-carboxylic acid and calculated as fludioxonil. Fludioxonil is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	7	CXL	04	38 37	2006	
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	

Part 1 - 226

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	Kiwi	15	Po	CXL	04	38	37	2006
VL	0482	Lettuce, Head	10		CXL	04	38	37	2006
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
VA	0389	Onion, Spring (green)	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	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
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
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

Part 1 - 227

FB	0275	Strawberry	3		CXL	04	38	37	2006
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	04	38	37	2006
VO	0448	Tomato	0.5		CXL	04	38	37	2006
VL	0473	Watercress	10		CXL	04	38	37	2006

212 Metalaxyl-M

Main Uses 5 Fungicide

JMPR 04

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

AcuteRfD Unnecessary (JMPR 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. The Committee decided to return all draft MRLs to Step 6 and to consider revocation of all CXLs for metalaxyl in two years time (38-130). The Committee decided to return all MRLs to Step 6 awaiting phasing out of metalaxyl (138) and to request information on support for metalaxyl CXLs. The Delegation of Thailand informed the Committee that metalaxyl was used in Thailand and that the phase-out of metalaxyl would cause trade problems (39-126).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	0.02 (*)	7	04	40	37,38,39	
SB 0715	Cacao beans	0.02	7	04	40	37,38,39	
FB 0269	Grapes	1	7	04	40	37,38,39	
VL 0482	Lettuce, Head	0.5	7	04	40	37,38,39	
VA 0385	Onion, Bulb	0.03	7	04	40	37,38,39	
VO 0445	Peppers, Sweet	0.5	7	04	40	37,38,39	
VR 0589	Potato	0.02 (*)	7	04	40	37,38,39	
VL 0502	Spinach	0.1	7	04	40	37,38,39	
SO 0702	Sunflower seed	0.02 (*)	7	04	40	37,38,39	
VO 0448	Tomato	0.2	7	04	40	37,38,39	

213 Trifloxystrobin

Main Uses 5 Fungicide

JMPR 04

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

AcuteRfD Unnecessary (JMPR 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)ethylideneamino-oxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin. The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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, Dry7		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	STMR, STMR-P based on whole fruit residue data
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	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	

Part 1 - 230

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		dry wt	CXL	04	38	37	2006
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	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		dry wt	CXL	04	38	37	2006
AS	0649	Rice straw and fodder, Dry	10		dry wt	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			CXL	04	38	37	2006
DM	0596	Sugar beet molasses	0.1		dry wt	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		dry wt	CXL	04	38	37	2006
AS	0654	Wheat straw and fodder, Dry5			dry wt	CXL	04	38	37	2006

214 Dimethenamid-P

Main Uses 7 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).

AcuteRfD 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

Part 1 - 232

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 5 Fungicide

JMPR 05

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

AcuteRfD Unnecessary(JMPR 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	2	CXL	05	38	2006	
TN	0660 Almonds	0.02 (*)	CXL	05	38	2006	dry wt
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 Juneberry	5	CXL	05	38	2006	
FI	0341 Kiwi	15	CXL	05	38	2006	

Part 1 - 234

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 8 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).

AcuteRfD 0.1 mg/kg body weight (2005)

RESIDUE For compliance with MRLs and estimation of dietary intake for plant commodities: sum of indoxacarb

For compliance with MRLs and 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). CCPR 38: The Committee decided to advance the proposed draft MRLs for cabbages, head; lettuce, leaf; milk fats and milks to Step 5 noting the acute intake concerns for children aged ≤ 6 years expressed by EC (38-135). The Committee decided to return the MRL for cabbages, head to Step 6 due to short-term intake concerns and noted that indoxacarb has been scheduled for evaluation by 2007 JMPR (alternative GAPs) (39-127).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	7	05	40	38,39	The information provided to he 2005 JMPR precluded that the dietary intake would be below the ARfD for children aged ≤ 6 years.
VB	0041 Cabbages, Head	3	4	05	40		From 2005 JMPR.
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	
VC	0424 Cucumber	0.2	CXL	05	38	2006	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5	CXL	05	38	2006	
MO	0105 Edible offal (mammalian)	0.05	CXL	05	38	2006	
VO	0440 Egg plant	0.5	CXL	05	38	2006	

Part 1 - 236

PE	0112	Eggs	0.01	(*)	CXL	05	38	2006
FB	0269	Grapes	2		CXL	05	38	2006
VL	0482	Lettuce, Head	7		CXL	05	38	2006
VL	0483	Lettuce, Leaf	15		CXL	05	38,39	2007
AS	0645	Maize fodder (dry)	25		CXL	05	38	2006
MM	0095	Meat (from mammals other than marine mammals)	1	(fat)	CXL	05	38	2006
VC	0046	Melons, except watermelon	0.1		CXL	05	38	2006
FM	0183	Milk fats	2		CXL	05	38,39	2007
ML	0106	Milks	0.1		CXL	05	38,39	2007
VD	0536	Mung bean (dry)	0.2		CXL	05	38	2006
FS	0247	Peach	0.3		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	05	38	2006
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	05	38	2006
VD	0541	Soya bean (dry)	0.5		CXL	05	38	2006
VO	0447	Sweet corn (corn-on-the-cob)	0.02		CXL	05	38	2006
VO	0448	Tomato	0.5		CXL	05	38	2006

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.

217 Novaluron

Main Uses 8 Insecticide

JMPR 05

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

AcuteRfD Unnecessary (JMPR 2005) ()

RESIDUE For compliance with MRLs and for estimation of dietary intake in plant and animal commodities: novaluron. The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AB 0226	Apple pomace, Dry	40	CXL	05	38	2006	
SO 0691	Cotton seed	0.5	CXL	05	38	2006	
MO 0105	Edible offal (mammalian)	0.7	CXL	05	38	2006	
PE 0112	Eggs	0.01 (*)	CXL	05	38	2006	
MM 0095	Meat (from mammals other than marine mammals)	10 (fat)	CXL	05	38	2006	
FM 0183	Milk fats	7	CXL	05	38	2006	
ML 0106	Milks	0.4	CXL	05	38	2006	
FP 0009	Pome fruits	3	CXL	05	38	2006	
VR 0589	Potato	0.01 (*)	CXL	05	38	2006	
PM 0110	Poultry meat	0.01 (*) (fat)	CXL	05	38	2006	
PO 0111	Poultry, Edible offal of	0.01 (*)	CXL	05	38	2006	
VP 0541	Soya bean (immature)	0.01 (*)	CXL	05	38	2006	
VO 0448	Tomato	0.02 (*)	CXL	05	38	2006	

218 Sulfuryl fluoride

Main Uses 4 Fumigant

JMPR 05

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

AcuteRfD 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 Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
CM 0081	Bran, Unprocessed of cereal grain (except buckwheat, cashew 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 1 Acaricide

JMPR 06, 07R

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

AcuteRfD Unnecessary (JMPR 2006). ()

RESIDUE For compliance with the MRL and for estimation of dietary intake: 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 fat soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	10	CXL	06		2007	
SO 0691	Cotton seed	0.3	CXL	06	39	2007	
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	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (fat)	7	06	40 39		Committee asked JMPR to address the US concern relating to the animal dietary burden (39-129).
MM 0095	Meat (from mammals other than marine mammals)	0.05 (fat)	4	07	40		
FM 0183	Milk fats	0.05	CXL	06	39	2007	

Part 1 - 240

ML	0106	Milks	0.01	(*)	CXL	06	39	2007
HH	0738	Mint top	40		CXL	06	39	
VO	0444	Peppers, Chili	3		CXL	06	39	2007
VO	0445	Peppers, Sweet	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
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

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 (JMPPR 2006).

220 Aminopyralid

Main Uses 7 Herbicide

JMPR 06, 07

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

AcuteRfD Unnecessary(JMPR 2007) (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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0640	Barley	0.1	4	07	40		
MO 0105	Edible offal (mammalian)	0.05	4	07	40		Except kidney
PE 0112	Eggs	0.01 (*)	4	07	40		
AS 0162	Hay or fodder (dry) of grasses		70	4	07		40
AS 0162	Hay or fodder (dry) of grasses		3	4	07		40
MO 0098	Kidney of cattle, goats, pigs 1 and sheep		4	07	40		
MM 0095	Meat (from mammals other than marine mammals)	0.1	4	07	40		
ML 0106	Milks	0.02	4	07	40		
GC 0647	Oats	0.1	4	07	40		
PM 0110	Poultry meat	0.01 (*)	4	07	40		
PO 0111	Poultry, Edible offal of	0.01 (*)	4	07	40		
AS 0081	Straw and fodder (dry) of cereal grains	0.3	4	07	40		
GC 0653	Triticale	0.1	4	07	40		
GC 0654	Wheat	0.1	4	07	40		
CM 0654	Wheat bran, Unprocessed	0.3	4	07	40		

221 Boscalid

Main Uses 5 Fungicide

JMPR 06

ADI 0-0.04 mg/kg body weight

AcuteRfD Unnecessary (JMPR 2006). ()

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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	15	CXL	06	39	2007	
FP 0226	Apple	2	CXL	06	39	2007	
FI 0327	Banana	0.2	CXL	06	39	2007	
FB 0018	Berries and other small fruits	10	CXL	06	39	2007	Except strawberry and grapes
SB 0716	Coffee beans	0.05 (*)	CXL	06	39	2007	
DF 0269	Dried grapes (=currants, raisins and sultanas)	10	CXL	06	39	2007	
FB 0269	Grapes	5	CXL	06	39	2007	
TN 0675	Pistachio nuts	1	CXL	06	39	2007	
FS 0012	Stone fruits	3	CXL	06	39	2007	
TN 0085	Tree nuts	0.05 (*)	CXL	06	39	2007	Except pistachio

222 Quinoxifen

Main Uses 5 Fungicide

JMPR 06, 07R

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

AcuteRfD Unnecessary (JMPR 2006). ()

RESIDUE For compliance with MRLs and estimation of dietary intake: quinoxifen.
The residue is fat soluble.

Note The Committee decided to advance the MRL for meat (from mammals other than marine mammals) at Step 5 only due to concerns of Australia that the use of the dairy cattle animal burden instead of the beef cattle animal burden would lead to higher MRL for meat. The Committee noted that Australia would submit the concern form for meat. The Committee also noted that the JMPR would re-evaluate the animal dietary burden for quinoxifen at its 2007 meeting (39-133,134).

Commodity Code	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
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)	0.02 (fat)	7	06	40 39		
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)	4	07	40		
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	
VO 0444	Peppers, Chili	10	CXL	06	39	2007	

Part 1 - 244

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 8 Insecticide

JMPR 06

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
AM 0660	Almond hulls	10	CXL	06	39	2007	
FB 0018	Berries and other small fruits1		CXL	06	39	2007	Except grapes
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	Kiwi	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	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	
FS 0012	Stone fruits	0.5	CXL	06	39	2007	

Part 1 - 246

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, Dry5		CXL	06	39	2007

224 Difenoconazole

Main Uses 5 fungicide

JMPR 07

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

AcuteRfD 0.3 mg/kg body weight (2007)

RESIDUE For compliance with MRLs and estimation of dietary intake for plant commodities: difenoconazole

For compliance with MRLs 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	Commodity Name	MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS 0621	Asparagus	0.03	4	07	40		
FI 0327	Banana	0.1	4	07	40		
VB 0400	Broccoli	0.5	4	07	40		
VB 0402	Brussels sprouts	0.2	4	07	40		
VB 0041	Cabbages, Head	0.2	4	07	40		
VR 0577	Carrot	0.2	4	07	40		
VB 0404	Cauliflower	0.2	4	07	40		
VR 0578	Celeriac	0.5	4	07	40		
VS 0624	Celery	3	4	07	40		
FS 0013	Cherries	0.2	4	07	40		
MO 0105	Edible offal (mammalian)	0.2	4	07	40		
PE 0112	Eggs	0.01 (*)	4	07	40		
VA 0381	Garlic	0.02 (*)	4	07	40		
FB 0269	Grapes	0.1	4	07	40		
VA 0384	Leek	0.3	4	07	40		
VL 0482	Lettuce, Head	2	4	07	40		
VL 0483	Lettuce, Leaf	2	4	07	40		
FI 0345	Mango	0.07	4	07	40		

Part 1 - 248

MM	0095	Meat (from mammals other than marine mammals)	0.05	(fat)	4	07	40
ML	0106	Milks	0.005	(*)	4	07	40
FS	0245	Nectarine	0.5		4	07	40
FT	0305	Olives	2		4	07	40
FI	0350	Papaya	0.2		4	07	40
FS	0247	Peach	0.5		4	07	40
FS	0014	Plums (including prunes)	0.2		4	07	40
FP	0009	Pome fruits	0.5		4	07	40
VR	0589	Potato	0.02		4	07	40
PM	0110	Poultry meat	0.01	(*) (fat)	4	07	40
PO	0111	Poultry, Edible offal of	0.01	(*)	4	07	40
SO	0495	Rape seed	0.05		4	07	40
VD	0541	Soya bean (dry)	0.02	(*)	4	07	40
VR	0596	Sugar beet	0.2		4	07	40
SO	0702	Sunflower seed	0.02		4	07	40
VO	0448	Tomato	0.5		4	07	40
GC	0654	Wheat	0.02	(*)	4	07	40
AS	0654	Wheat straw and fodder, Dry3			4	07	40

225 Dimethomorph

Main Uses 5 Fungicide

JMPR 07

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

AcuteRfD 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)	Step	JMPR	CCPR and prior CCPR	CAC	Note
VB 0400	Broccoli	1	4	07	40		
VB 0041	Cabbages, Head	2	4	07	40		
HS 0444	Chilli peppers, dried	5	4	07	40		
VL 0470	Corn salad	10	4	07	40		
DF 0269	Dried grapes (=currants, raisins and sultanas)	5	4	07	40		
MO 0105	Edible offal (mammalian)	0.01 (*)	4	07	40		
PE 0112	Eggs	0.01 (*)	4	07	40		
VO 0050	Fruiting vegetables other than cucurbits	1	4	07	40		Except fungi, edible; mushrooms; sweet corn (corn-on-the-cob); sweet corn (kernels)
VC 0045	Fruiting vegetables, Cucurbits		0.5	4	07		40
FB 0269	Grapes	2	4	07	40		
DH 1100	Hops, Dry	80	4	07	40		
VB 0405	Kohlrabi	0.02	4	07	40		
VL 0482	Lettuce, Head	10	4	07	40		
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)	4	07	40		
ML 0106	Milks	0.01 (*)	4	07	40		
FI 0353	Pineapple	0.01 (*)	4	07	40		
VR 0589	Potato	0.05	4	07	40		
PM 0110	Poultry meat	0.01 (*)	4	07	40		
PO 0111	Poultry, Edible offal of	0.01 (*)	4	07	40		
FB 0275	Strawberry	0.05	4	07	40		

226 Pyrimethanil

Main Uses 5 fungicide

JMPR 07

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

AcuteRfD 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	Commodity Name	MRL (mg/kg)		Step	JMPR	CCPR and prior CCPR	CAC	Note
AM	0660 Almond hulls	12		4	07	40		
TN	0660 Almonds	0.2		4	07	40		
AB	0226 Apple pomace, Dry	40		4	07	40		
FS	0240 Apricot	3		4	07	40		
FI	0327 Banana	0.1		4	07	40		
VR	0577 Carrot	1		4	07	40		
FS	0013 Cherries	4	Po	4	07	40		
FC	0001 Citrus fruits	7	Po	4	07	40		
AB	0001 Citrus pulp, Dry	3		4	07	40		
VP	0526 Common bean (pods and/or 3 immature seeds)			4	07	40		
DF	0269 Dried grapes (=currants, raisins and sultanas)	5		4	07	40		
MO	0105 Edible offal (mammalian)	0.1		4	07	40		
VD	0561 Field pea (dry)	0.5		4	07	40		
FB	0269 Grapes	4		4	07	40		
VL	0482 Lettuce, Head	3		4	07	40		
MM	0095 Meat (from mammals other than marine mammals)	0.05	(*)	4	07	40		
ML	0106 Milks	0.01		4	07	40		

Part 1 - 252

FS	0245	Nectarine	4		4	07	40
VA	0385	Onion, Bulb	0.2		4	07	40
VA	0389	Onion, Spring (green)	3		4	07	40
AL	0072	Pea hay or pea fodder (dry)	3		4	07	40
FS	0247	Peach	4		4	07	40
FS	0014	Plums (including prunes)	2		4	07	40
FP	0009	Pome fruits	7	Po	4	07	40
VR	0589	Potato	0.05	(*)	4	07	40
FB	0275	Strawberry	3		4	07	40
VO	0448	Tomato	0.7		4	07	40

227 Zoxamide

Main Uses 5 fungicide

JMPR 07

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

AcuteRfD Unnecessary(JMPR 2007) ()

RESIDUE For compliance with MRLs and estimation of dietary intake for plant commodities: zoxamide

Commodity		MRL (mg/kg)	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
VC	0424 Cucumber	1	4	07	40		
DF	0269 Dried grapes (=currants, raisins and sultanas)	15	4	07	40		
FB	0269 Grapes	5	4	07	40		
VR	0589 Potato	0.02	4	07	40		
VO	0448 Tomato	2	4	07	40		

MRLs FOR SPICES**53 Mevinphos**

Spices, grains	5		7
Spices, fruits and berries	0.2	(*)	7
Spices, roots and rhizomes	1		7

PART A.2

LIST OF EXTRANEEOUS RESIDUE LIMITS FOR PESTICIDES IN FOOD AND ANIMAL FEEDS

(At Various Steps of the Codex Procedure)

Part 2: Pesticides with Extraneous MRLs

Part 2 - 1

1 Aldrin and Dieldrin

JMPR 65T, 66, 67, 68R, 69R, 70, 74R, 75R, 77T, 90R, 92R

PTDI 0.0001 mg/kg body weight (confirmed 1977; converted to PTDI in 1994)

RESIDUE Sum of HHDN and HEOD (fat-soluble).

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

12 Chlordane

JMPR 65T, 67, 69R, 70, 72R, 74R, 77, 82T, 84, 86T

PTDI 0.0005 mg/kg body weight (1986; converted to PTDI in 1994)

RESIDUE Plant commodities: sum of cis- and trans-chlordane (fat-soluble).

Animal commodities: sum of cis- and trans-chlordane and "oxychlordane" (fat-soluble).

Commodity Code	Commodity Name	EMRL (mg/kg)	Step	JMPR	CCPR	Note
TN	0660 Almonds	0.02	CXL			
OC	0691 Cotton seed oil, Crude	0.05	CXL			
PE	0112 Eggs	0.02	CXL			
AO2	0003 Fruits and vegetables	0.02 (*)	CXL			
TN	0666 Hazelnuts	0.02	CXL			
OC	0693 Linseed oil, Crude	0.05	CXL			
GC	0645 Maize	0.02	CXL			
MM	0095 Meat (from mammals other than marine mammals)	0.05 (fat)	CXL			
ML	0106 Milks	0.002 F	CXL			
GC	0647 Oats	0.02	CXL			
TN	0672 Pecan	0.02	CXL			
PM	0110 Poultry meat	0.5 (fat)	CXL			
CM	1205 Rice, Polished	0.02	CXL			
GC	0650 Rye	0.02	CXL			
GC	0651 Sorghum	0.02	CXL			
OC	0541 Soya bean oil, Crude	0.05	CXL			
OR	0541 Soya bean oil, Refined	0.02	CXL			
TN	0678 Walnuts	0.02	CXL			
GC	0654 Wheat	0.02	CXL			

21 DDT

JMPR 65T, 66, 67, 68, 69, 78R, 79T, 80T, 83T, 84T, 93R, 94R, 96R, 00

PTDI 0.01 mg/kg body weight (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)

Code	Commodity Name	EMRL (mg/kg)		Step	JMPR	CCPR	Note
VR	0577 Carrot	0.2		CXL			
GC	0080 Cereal grains	0.1		CXL			
PE	0112 Eggs	0.1		CXL			
MM	0095 Meat (from mammals other than marine mammals)	5	(fat) T	CXL			
ML	0106 Milks	0.02	F	CXL			
PM	0110 Poultry meat	0.3	(fat)	CXL	00	35	

33 Endrin

JMPR 65T, 70, 74R, 75R, 90R, 92R

PTDI 0.0002 mg/kg body weight (1970; converted to PTDI in 1994)

RESIDUE Sum of endrin and delta-keto-endrin (fat-soluble).

Commodity		EMRL (mg/kg)	Step	JMPR	CCPR	Note
Code	Name					
VC	0045 Fruiting vegetables, Cucurbits	0.05				CXL
PM	0110 Poultry meat	0.1 (fat)				CXL

43 Heptachlor

JMPR 65T, 66, 67R, 68R, 69R, 70, 74R, 75R, 77R, 87R, 91, 93R, 94R

PTDI 0.0001 mg/kg body weight (1991; converted to PTDI in 1994)

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		EMRL (mg/kg)	Step	JMPR	CCPR	Note
Code	Name					
GC	0080 Cereal grains	0.02	CXL			
FC	0001 Citrus fruits	0.01	CXL			
SO	0691 Cotton seed	0.02	CXL			
PE	0112 Eggs	0.05	CXL			
MM	0095 Meat (from mammals other than marine mammals)	0.2 (fat)	CXL			
ML	0106 Milks	0.006 F	CXL			
FI	0353 Pineapple	0.01	CXL			
PM	0110 Poultry meat	0.2 (fat)	CXL			
VP	0541 Soya bean (immature seeds)	0.02	CXL			
OC	0541 Soya bean oil, Crude	0.5	CXL			
OR	0541 Soya bean oil, Refined	0.02	CXL			

PART A.3

LIST OF PESTICIDES FOR WHICH GUIDELINE LEVELS HAVE BEEN SET

- Part A3 -

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

52 Methyl Bromide

Main Uses 4 Fumigant

JMPR 65, 66, 67R, 68, 71R, 79R, 85R, 92R

ADI

RESIDUE

Note Not cleared toxicologically by JMPR.

Commodity

Code	Namee	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
CP	0179 Bread and other cooked cereal products	0.01	(*)		79	31		To apply to commodity at point of retail sale or when offered for consumption
SB	0715 Cacao beans	5	Po		79	31		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 last 24 h after fumigation and before sampling
GC	0080 Cereal grains	5	Po		79	31		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 last 24 h after fumigation and before sampling
AO6	0001 Cocoa products	0.01	(*) Po		79	31		To apply to commodity at point of retail sale or when offered for consumption
DF	0167 Dried fruits	2	Po		79	31		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 last 24 h after fumigation and before sampling
DF	0167 Dried fruits	0.01	(*) Po		79	31		To apply to commodity at point of retail sale or when offered for consumption
AO4	0001 Milled cereals products	1	Po		79	31		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 last 24 h after fumigation and before sampling
AO4	0001 Milled cereals products	0.01	(*) Po		79	31		To apply to commodity at point of retail sale or when offered for consumption
SO	0697 Peanut	0.01	(*) Po		79	31		To apply to commodity at point of retail sale or when offered for consumption
SO	0697 Peanut	10	Po		79	31		To apply at point of entry into a country and, in case of cereal for milling, if product has been freely

- Part A3 -

exposed to air for a period of at least 24 h after fumigation and before sampling

TN	0085	Tree nuts	0.01	(*)	Po	79	31	17
TN	0085	Tree nuts	10		Po	79, 85	31	17

To apply to commodity at point of retail sale or when offered for consumption

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 sampling

- Part A3 -

114 Guazatine

Main Uses 5 Fungicide
JMPR 78, 80R, 97' (02)
ADI ADI withdrawn (1997)

RESIDUE Guazatine.

Note Until 1986 the ISO Namee guazatine was applied to iminoctadine. However, now the ISO Namee 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								
Code	Namee	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0080 Cereal grains	0.05	(*)	4	97	31		
FC	0001 Citrus fruits	5	Po	4		31		Data would be submitted in 2000 (31.88)

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) (Names, 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

