

codex alimentarius commission



FOOD AND AGRICULTURE
ORGANIZATION
OF THE UNITED NATIONS

WORLD
HEALTH
ORGANIZATION



JOINT OFFICE: Viale delle Terme di Caracalla 00100 ROME Tel: 39 06 57051 www.codexalimentarius.net Email: codex@fao.org Facsimile: 39 06 5705 4593

Agenda Item 7 (a)

CX/PR 05/37/5
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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

Thirty-seventh Session
The Hague, The Netherlands, 18 - 23 April 2005

DRAFT AND PROPOSED DRAFT MAXIMUM RESIDUE LIMITS IN FOODS AND FEEDS, INCLUDING SPICES 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- **Table 1** List of Pesticides Whose Maximum Residue Limits or Guidelines Levels Have Been Withdrawn by the Codex Alimentarius Commission and for Which No MRLs Have Been Proposed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
- **Part A.4** Proposed Draft MRLs for Spices
- **Annex 1** 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 determination.
- 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*.
- (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.
- 7A** : The draft MRL is held at Step 7 only because the ADI is temporary. It will be submitted to the CAC at Step 8 as soon as a full ADI is estimated.
- 7B** : The draft MRL is held at Step 7 pending further consideration by the JMPR. After such consideration it will be returned to Step 6 for comments by Governments.
- 7C** : The draft MRL is held at Step 7 to await developments (other than review by the JMPR) upon which further action by the Committee is contingent. After such developments it will be returned to Step 6.
- (a) (following Step number) : The MRL is a proposed amendment to a CXL.

4. REFERENCES

References are normally given only for those MRLs which are due for further discussion within the CCPR. They are therefore given only exceptionally for MRLs which are CXLs or are at Step 8, 7A, or 5/8. References are indicated in the example shown below:

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

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

5. JMPR EVALUATIONS

T : Toxicological Evaluation

R : Residue Evaluation

only year : Both toxicological and residue evaluations

' after year : Periodic Review

brackets : Tentative year for JMPR evaluation

6. REPORTS OF CCPR SESSIONS

Session No.	Year	Document Reference No.	Session No.	Year	Document Reference No.
1	1966	ALINORM 66/24	19	1987	ALINORM 87/24A
2	1967	ALINORM 68/24	20	1988	ALINORM 89/24
3	1968	ALINORM 69/24	21	1989	ALINORM 89/24A
4	1969	ALINORM 70/24	22	1990	ALINORM 91/24
5	1970	ALINORM 71/24	23	1991	ALINORM 91/24A
6	1972	ALINORM 72/24A	24	1992	ALINORM 93/24
7	1974	ALINORM 74/24	25	1993	ALINORM 93/24A
8	1975	ALINORM 76/24	26	1994	ALINORM 95/24
9	1977	ALINORM 78/24	27	1995	ALINORM 95/24A
10	1978	ALINORM 79/24	28	1996	ALINORM 97/24
11	1979	ALINORM 79/24A	29	1997	ALINORM 97/24A
12	1980	ALINORM 81/24	30	1998	ALINORM 99/24
13	1981	ALINORM 83/24	31	1999	ALINORM 99/24A
14	1982	ALINORM 83/24A	32	2000	ALINORM 01/24
15	1983	ALINORM 85/24	33	2001	ALINORM 01/24A
16	1984	ALINORM 85/24A	34	2002	ALINORM 03/24
17	1985	ALINORM 85/24B	35	2003	ALINORM 03/26A
18	1986	ALINORM 87/24	36	2004	ALINORM 04/27/24

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

177	ABAMECTIN	179	CYCLOXYDIM	185	FENPROPATHRIN
95	ACEPHATE	157	CYFLUTHRIN	188	FENPROPIIMORPH
117	ALDICARB	146	CYHALOTHRIN	193	FENPROXYMATE
1	ALDRIN AND DIELDRIN**	67	CYHEXATIN	38	FENSULFOTHION*
134	AMINOCARB*	118	CYPERMETHRIN	39	FENTHION
122	AMITRAZ	207	CYPRODINIL	40	FENTIN
79	AMITROLE*	169	CYROMAZINE	119	FENVALERATE
163	ANILAZINE	104	DAMINOZIDE*	202	FIPRONIL
68	AZINPHOS-ETHYL*	20	2,4-D	152	FLUCYTHRINATE
2	AZINPHOS-METHYL	21	DDT**	211	FLUDIOXONIL
129	AZOCYCLOTIN	135	DELTAMETHRIN	165	FLUSILAZOLE
155	BENALAXYL	92	DEMETON*	205	FLUTOLANIL
137	BENDIOCARB	73	DEMETON-S-METHYL	41	FOLPET
69	BENOMYL	164	DEMETON-S-METHYLSULPHON	42	FORMOTHION*
172	BENTAZONE	98	DIALIFOS*	175	GLUFOSINATE-AMMONIUM
178	BIFENTHRIN	22	DIAZINON	158	GLYPHOSATE
3	BINAPACRYL*	23	1,2-DIBROMOETHANE*	114	GUAZATINE
93	BIORESMETHRIN	82	DICHOFLUANID	194	HALOXYFOP
144	BITERTANOL	24	1,2-DICHLOROETHANE*	43	HEPTACHLOR**
47	BROMIDE ION	25	DICHLORVOS	44	HEXACHLOROBENZENE*
4	BROMOPHOS*	83	DICLORAN	170	HEXACONAZOLE
5	BROMOPHOS-ETHYL*	26	DICOFOL	176	HEXYTHIAZOX
70	BROMOPROPYLATE	130	DIFLUBENZURON	45	HYDROGEN CYANIDE*
173	BUPROFEZIN	151	DIMETHIPIN	46	HYDROGEN PHOSPHIDE
139	BUTOCARBOXIM*	27	DIMETHOATE	110	IMAZALIL
174	CADUSAFOS	87	DINOCAP*	206	IMIDACLOPRIDE
71	CAMPHECHLOR*	28	DIOXATHION*	111	IPRODIONE
6	CAPTAFOL*	29	DIPHENYL*	131	ISOFENPHOS
7	CAPTAN	30	DIPHENYLAMINE	88	LEPTOPHOS*
8	CARBARYL	31	DIQUAT	48	LINDANE
72	CARBENDAZIM	74	DISULFOTON	49	MALATHION
96	CARBOFURAN	180	DITHIANON	102	MALEIC HYDRAZIDE
9	CARBON DISULPHIDE*	105	DITHIOCARBAMATES	50	MANCOZEB
10	CARBON TETRACHLORIDE*	84	DODINE	124	MECARBAM
11	CARBOPHENOTHION*	99	EDIFENPHOS*	138	METALAXYL
145	CARBOSULFAN*	32	ENDOSULFAN	212	METALAXYL-M*
97	CARTAP	33	ENDRIN**	125	METHACRIFOS
80	CHINOMETHIONAT	204	ESFENVALERATE	100	METHAMIDOPHOS
12	CHLORDANE**	106	ETHEPHON	51	METHIDATHION
13	CHLORDIMEFORM*	107	ETHIOFENCARB*	132	METHIOCARB
14	CHLORFENVINPHOS	34	ETHION	94	METHOMYL
15	CHLORMEQUAT	149	ETHOPROPHOS	147	METHOPRENE
16	CHLOROBENZILATE*	35	ETHOXYQUIN	209	METHOXYFENOZIDE
81	CHLOROTHALONIL	108	ETHYLENE THIOUREA (ETU)*	52	METHYL BROMIDE***
201	CHLORPROPHAM	184	ETOFENPROX	186	METIRAM
17	CHLORPYRIFOS	123	ETRIMFOS	53	MEVINPHOS
90	CHLORPYRIFOS-METHYL	208	FAMOXADONE	54	MONOCROTOPHOS
207	CIPRODINIL	85	FENAMIPHOS	181	MYCLOBUTANIL
187	CLETHODIM	192	FENARIMOL	140	NITROFEN*
156	CLOFENTEZINE	109	FENBUTATIN OXIDE	55	OMETHOATE
18	COUMAPHOS*	36	FENCHLORPHOS*	126	OXAMYL
19	CRUFOMATE*	37	FENITROTHION	166	OXYDEMETON-METHYL
91	CYANOFENPHOS*			161	PACLOBUTRAZOL

57	PARAQUAT	***, See Part A.3 (GLs);
58	PARATHION	Otherwise see Part A.1 (MRLs).
59	PARATHION-METHYL	
182	PENCONAZOLE	
120	PERMETHRIN	
127	PHENOTHRIN	
128	PHENTHOATE	
56	2-PHENYLPHENOL	
112	PHORATE	
60	PHOSALONE	
103	PHOSMET	
61	PHOSPHAMIDON	
141	PHOXIM	
210	PYRACLOSTROBIN	
62	PIPERONYL BUTOXIDE	
101	PIRIMICARB	
86	PIRIMIPHOS-METHYL	
142	PROCHLORAZ	
136	PROCYMIDONE	
171	PROFENOFOS	
148	PROPAMOCARB	
113	PROPARGITE	
183	PROPHAM	
160	PROPICONAZOLE	
75	PROPOXUR	
150	PROPYLENE THIOUREA (PTU)***	
153	PYRAZOPHOS	
63	PYRETHRINS	
64	QUINTOZENE	
89	SEC-BUTYLAMINE*	
203	SPINOZAD	
121	2,4,5-T*	
189	TEBUCONAZOLE	
196	TEBUFENOZIDE	
115	TECNAZENE	
190	TEFLUBENZURON	
167	TERBUFOS	
65	THIABENDAZOLE	
154	THIODICARB	
76	THIOMETON	
77	THIOPHANATE-METHYL	
191	TOLCLOFOS-METHYL	
162	TOLYLFLUANID	
133	TRIADIMEFON	
168	TRIADIMENOL	
143	TRIAZOPHOS	
66	TRICHLORFON	
213	TRIFLOXYSTROBIN*	
116	TRIFORINE	
78	VAMIDOTHION	
159	VINCLOZOLIN	

Note:

*, See Table 1;

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

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	FENAMIPHOS	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	183	PROPHAM*
154	THIODICARB	184	ETOFENPROX
155	BENALAXYL	185	FENPROPATHRIN
156	CLOFENTEZINE	186	METIRAM
157	CYFLUTHRIN	187	CLETHODIM
158	GLYPHOSATE	188	FENPROPIMORPH
159	VINCLOZOLIN	189	TEBUCONAZOLE
160	PROPICONAZOLE	190	TEFLUBENZURON
161	PACLOBUTRAZOL	191	TOLCLOFOS-METHYL
162	TOLYLFLUANID	192	FENARIMOL
163	ANILAZINE	193	FENPYROXIMATE
164	DEMETON-S- METHYLSULPHON	194	HALOXYFOP
165	FLUSILAZOLE	195	FLUMETHRIN
166	OXYDEMETON-METHYL	196	TEBUFENOZIDE
167	TERBUFOS	197	FENBUCONAZOLE
168	TRIADIMENOL	198	AMINOMETHYL PHOPHONIC ACID (AMPA)
169	CYROMAZINE	199	KRESOXIM-METHYL
170	HEXACONAZOLE	200	PYRIPROXIFEN
171	PROFENOFOS	201	CHLOROPROPHAM
172	BENTAZONE	202	FIPRONIL
173	BUPROFEZIN	203	SPINOZAD
174	CADUSAFOS	204	ESFENVALERATE
175	GLUFOSINATE- AMMONIUM	205	FLUTOLANIL
176	HEXYTHIAZOX	206	IMIDACLOPRID
177	ABAMECTIN	207	CYPRODINIL
178	BIFENTHRIN	208	FAMOXADONE
179	CYCLOXYDIM	209	METHOXYFENOZIDE
180	DITHIANON	210	PYRACLOSTROBIN*
181	MYCLOBUTANIL	211	FLUDIOXONIL*
182	PENCONAZOLE	212	METALAXYL-M*
		213	TRIFLOXYSTROBIN*

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	Name	ADI (mg/kg body weight)	MRLs or GLs deleted
3	Binapacryl	Withdrawn (1982)	MRLs
4	Bromophos	0.04 (1977)	MRLs
5	Bromophos-ethyl	0.03 (1975)	MRLs
6	Captafol	Withdrawn (TADI, 1985)	MRLs, TMRLs
9	Carbon disulphide	Not cleared toxicologically	GLs
10	Carbon tetrachloride	Not cleared toxicologically	GLs
11	Carbophenothion	0.0005 (1979)	MRLs
13	Chlordimeform	Withdrawn (TADI, 1987)	MRLs, TMRLs
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.A1 -

2 Azinphos-Methyl

Main Uses 8 Insecticide

JMPR 65T, 68, 72R, 73T, 74R, 91, 93R, 95R

ADI 0.005 mg/kg body weight (1991)

RESIDUE Azinphos-methyl.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	10	CXL				1995	
AL	1021 Alfalfa forage (green)	5	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	
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	0.5	CXL					

- Part.A1 -

otherwise listed)

TN	0678 Walnuts	0.3	CXL	1995
VC	0432 Watermelon	0.2	CXL	1995

- Part.A1 -

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

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) (2004)

RESIDUE Captan.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
TN	0660 Almonds	0.3	CXL	00	34	2003	
FP	0226 Apple	25	T	CXL			
FP	0226 Apple	20	6	94, 97, 00	32, 35 28, 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
FB	0020 Blueberries	20		CXL			
FS	0013 Cherries	25	6	94, 97, 00	32, 35 28, 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
VC	0424 Cucumber	3	6	00	35		CCPR 35: Await 2004 JMPR toxicological
DF	0269 Dried grapes (=currants, raisins and sultanas)	50	6	97	32, 35 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
FB	0269 Grapes	25	6	94, 97	32, 35 28, 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
VC	0046 Melons, except watermelon	10	5	00	35		CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
FS	0245 Nectarine	3	6	94, 00	32 28, 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation. (36-69).
FS	0247 Peach	15		CXL			
FS	0247 Peach	20	6	00	35		CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
FP	0230 Pear	25	T	CXL			
FS	0014 Plums (including prunes)	10	6(a)	94	32, 35 28		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
FP	0009 Pome fruits	15	Po	5	00		
VR	0589 Potato	0.05		CXL	00	34	2003
FB	0272 Raspberries, Red, Black	20	5	00	35		CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).

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FB	0275 Strawberry	20	T	CXL					
FB	0275 Strawberry	15		6(a)	94, 97, 00	32, 35	28, 31		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation (36-69).
VO	0448 Tomato	15	T	CXL					
VO	0448 Tomato	5		6(a)	94, 00	32, 35	28, 31, 33		Returned to Step 6. CCPR 36: Await 2004 JMPR toxicological evaluation. (36-69).

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8 Carbaryl

Main Uses 8 Insecticide

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

ADI 0.008 mg/kg body weight (2001)

AcuteRfD 0.2 mg/kg body weight (2001)

RESIDUE Carbaryl.

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

Commodity

Code	Name	MRL		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
FS	0013 Cherries	20		6	02	35,36		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
FC	0001 Citrus fruits	7	T	CXL		32	1999	1999-2003
FC	0001 Citrus fruits	15		6	02	35,36		
JF	0001 Citrus juice	0.5		6	02	35,36		
AB	0001 Citrus pulp, Dry	4		6	02	35,36		
DF	0269 Dried grapes (=currants, raisins and sultanas)	50		6	02	35		
VO	0440 Egg plant	1		CXL	02	35, 36	2004	
JF	0269 Grape juice	30		6	02	35		
AB	0269 Grape pomace, Dry	80		6	02	35		
FB	0269 Grapes	5	T	CXL		32	1999	1999-2003
FB	0269 Grapes	40		6	02	35		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
MO	0098 Kidney of cattle, goats, pigs & sheep	3		CXL	02	35, 36	2004	

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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	250		CXL	02	35, 36	2004
AF	0645	Maize forage	400	dry wt	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) [except cattle]	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	1999 1999-2003 To be replaced by the MRL for stone fruits (2002 JMPR)
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	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	0651	Sorghum forage (green)	20		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
AL	1265	Soya bean forage (green)	30	dry wt	CXL	02	35, 36	2004
AB	0541	Soya bean hulls	0.3		CXL	02	35, 36	2004

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OC	0541	Soya bean oil, Crude	0.2		CXL	02	35, 36	2004
FS	0012	Stone fruits	10		6	02	35	Except cherries. The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).
AV	0702	Sunflower forrage	5		CXL	02	35, 36	2004
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
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, Dry			30	CXL	02	35, 36 2004

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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		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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 & 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	7	dry wt	CXL	00	34	2003	
AF	0645 Maize forage	15	dry wt	CXL	00	34	2003	
MM	0097 Meat of cattle, pigs &	0.2		CXL	00	34	2003	
ML	0107 Milk of cattle, goats & sheep	0.5		CXL	00	34	2003	
AF	0647 Oat forage (green)	100	dry wt	CXL	94, 00	34 32	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	
AF	0650 Rye forage (green)	100	dry wt	CXL	94, 00	34 32	2003	
CF	1251 Rye wholemeal	4		CXL	94	34 32	2003	
AS	0081 Straw and fodder (dry) of cereal grains	30	dry wt	CXL	00	35	2003	

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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

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17 Chlorpyrifos

Main Uses 8 Insecticide

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

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

AcuteRfD 0.1 mg/kg body weight (1999)

RESIDUE For compliance with MRLs and estimation of dietary intake in plant and animal commodities: chlorpyrifos. The Residue is fat-soluble.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	5		CXL	00	35	2003	
AL	1021 Alfalfa forage (green)	20		CXL	00	35	2003	
TN	0660 Almonds	0.05		CXL	00	35	2003	
FP	0226 Apple	1		CXL		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	
PM	0840 Chicken meat	0.01	(fat)	CXL	00			
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	0.05	(*)	CXL	00			Retained as part of 4-year periodic review
SO	0691 Cotton seed	0.3		3	04	37		
OC	0691 Cotton seed oil, Crude	0.05	(*)	CXL				Retained as part of 4-year periodic review
OR	0691 Cotton seed oil, refined	0.05			04	37		
DF	0269 Dried grapes (=currants, raisins and sultanas)	0.1		CXL	00	35	2003	

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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	10		CXL	00	35	2003
AF	0645	Maize forage	20		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
AL	0528	Pea vines (green)	1		CXL	00	35	2003
FS	0247	Peach	0.5		CXL	00	35	2003
FP	0230	Pear	1		CXL	00		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		3	04	37	
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	0.1		CXL	00		Withdrawal recommended (2000 JMPR)
GC	0649	Rice	0.5		3	04	37	
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, 2 Dry	2		CXL	00	35	2003
VD	0541	Soya bean (dry)	0.1		3	04	37	
OR	0541	Soya bean oil, Refined	0.03		3	04	37	
FB	0275	Strawberry	0.3		CXL	00	35	2003

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VR	0596	Sugar beet	0.05			CXL	00	35		2003
AV	0596	Sugar beet leaves or tops	40			CXL	00	35		2003
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	00	35		2003
DT	1114	Tea, Green, Black	2			3	04	37		
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, Dry 5				CXL	00	35		2003

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20 2,4-D

Main Uses 7 Herbicide

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

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

RESIDUE 2,4-D.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
FB	0018 Berries and other small	0.1	CXL	98	34	32	2003	
FC	0001 Citrus fruits	1	Po	CXL	01	35, 36	2004	
MO	0105 Edible offal (mammalian) [except cattle]	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	40		CXL			2001	
AF	0645 Maize forage	10		CXL			2001	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	
AF	0651 Sorghum forage (green)	0.2		CXL			2001	
VD	0541 Soya bean (dry)	0.01	(*)	CXL	98	34 32	2003	
AL	0541 Soya bean fodder	0.01	(*)	CXL	98	34 32	2003	
AL	1265 Soya bean forage (green)	0.01	(*)	CXL	98	34 32	2003	

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FS	0012	Stone fruits	0.05	(*)	CXL	2001
GS	0659	Sugar cane	0.05		CXL	2001
AV	0659	Sugar cane forage	0.2		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

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22 Diazinon

Main Uses 8 Insecticide

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

ADI 0.002 mg/kg body weight (1970; confirmed 1993)

AcuteRfD 0.03 mg/kg body weight (2001)

RESIDUE Diazinon (fat-soluble).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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	2	CXL			1997	
VB	0041 Cabbages, Head	0.5	6(a)	99	33, 35		CCPR 36: awaiting new information from the USA and Australia on cabbages, head (36-74).
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	
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.
DH	1100 Hops, Dry	0.5	CXL			1997	
VL	0480 Kale	0.05	CXL			1995	
MO	0098 Kidney of cattle, goats, pigs & sheep	0.03	CXL	96, 99	33, 36 30	2004	The MRL accommodates external animal treatment. Confirmed (1999 JMPR)

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FI	0341	Kiwifruit	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
AF	0645	Maize forage	10		CXL				1995
MM	0097	Meat of cattle, pigs &	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	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
AV	0596	Sugar beet leaves or tops	5		CXL				1995
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

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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)

RESIDUE Dichlorvos.

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

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
GC	0080 Cereal grains	5 (Po)	CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	

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26 Dicofol

Main Uses 1 Acaricide/Miticide

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

ADI 0.002 mg/kg body weight (1992)

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).

Commodity Code	Name	MRL		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 immature seeds)	2		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	
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

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submitted by India and Morocco (36-75,76).

VO 0448 Tomato

1

CXL

TN 0678 Walnuts

0.01 (*)

CXL

1995

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27 Dimethoate

Main Uses 8 Insecticide

JMPR 65T,66T,67,70R,73R,77R,78R,83R,84,86,87,88R,90R,94R,96T,98R, 03

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 36th session of the Committee noted written comments of Australia, the EC and USA which opposed the advancement of the MRLs beyond Step 6 for commodities with acute and chronic intake concerns (36-77). The Committee noted that the use on grapes, plums/prunes, pome fruits, sorghum and onion bulb would no longer be supported. The Committee was informed that the deletion of the MRLs for these commodities would result in a chronic intake estimate below the ADI for the European diet (36-77). The Committee noted that the residue definition for dimethoate and that for the calculation of dietary intake dimethoate was considered with omethoate. The FAO Joint Secretary indicated that the residue definition could be reviewed only in the framework of the periodic review of this compound (36-80).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FP	0226 Apple	1	CXL			1991	To be replaced by the MRL for pome fruits (1998 JMPR)
VS	0620 Artichoke, Globe	0.05	6	03	36		
VS	0621 Asparagus	0.05 (*)	CXL	98	34 32	2003	
GC	0640 Barley	2	6	98	32,36		
VR	0574 Beetroot	0.2	CXL	98	32		Withdrawal recommended (1998 JMPR); Retained for 4 years under the Periodic Review Procedure.
VB	0402 Brussels sprouts	2	CXL			1997	
VB	0402 Brussels sprouts	0.2	6	03	36		Previous JMPR recommendation: 1
VB	0403 Cabbage, Savoy	0.05 (*)	CXL	98	34 32	2003	
VB	0041 Cabbages, Head	2	CXL			1997	Except for cabbage, Savoy Confirmed (1998 JMPR).
VB	0041 Cabbages, Head	2	6	03	36		Except for cabbage, Savoy The information provided to the 2003 JMPR precludes an estimate that the dietary intake would be below the acute RfD for the general population.
MO	0812 Cattle, Edible offal of	0.05 (*)	CXL	98	34 32	2003	
VB	0404 Cauliflower	02	6	03	36		Previous JMPR: 0.5
VS	0624 Celery	1	CXL	98	32	2001	Withdrawal recommended (1998 JMPR); Retained for 4 years under the Periodic Review Procedure.
VS	0624 Celery	0.5	6	03	36		Previous JMPR: Withdrawal recommended
FS	0013 Cherries	2	CXL				Confirmed (1998 JMPR).
FC	0001 Citrus fruits	2	CXL	98	32		Withdrawal recommended (1998 JMPR). Retained for 4 years under the Periodic Review Procedure.

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										Data will be developed to support this MRL (32.90)		
FC	0001	Citrus fruits	5		6	03	36				Previous JMPR: Withdrawal recommended	
PE	0112	Eggs	0.05	(*)	CXL	98	34	32	2003			
FB	0269	Grapes	1		CXL				1991			
FB	0269	Grapes	2		6(a)	98	32					
VL	0482	Lettuce, Head	2		CXL				1997			
VL	0482	Lettuce, Head	3		6	03	36					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
MF	0100	Mammalian fats (except milk fats)	0.05	(*)	CXL	98	34	32	2003			
FI	0345	Mango	1	Po	6	03	36					
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			
OR	0305	Olive oil, Refined	0.05	(*)	CXL	98	32					Withdrawal recommended (1998 JMPR); Retained for 4 years under the Periodic Review Procedure.
FT	0305	Olives	1		CXL	98	32					Withdrawal recommended (1998 JMPR); Retained for 4 years under the Periodic Review Procedure.
FT	0305	Olives	0.5		6	03	36					Previous JMPR: Withdrawal recommended
DM	0305	Olives, processed	0.05	(*)	CXL	98	32					Withdrawal recommended (1998 JMPR); Retained for 4 years under the Periodic Review Procedure.
VA	0385	Onion, Bulb	0.05	(*)	CXL	98	34	32				
FP	0230	Pear	1		CXL				1991	To be replaced by the MRL for pome fruits (1998 JMPR)		
VP	0063	Peas (pods and succulent=immature seeds)	0.5		CXL							
VP	0063	Peas (pods and succulent=immature seeds)	1		6(a)	98	32					
VO	0051	Peppers	1	Po	CXL	98	36					Retained for further review
VO	0445	Peppers, Sweet	5	Po	6	03	36					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

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JMPR: Withdrawal MRLs for peppers recommended

FS	0014	Plums (including prunes)	0.5		CXL				1997
FS	0014	Plums (including prunes)	1		6(a)	98	32		
FP	0009	Pome fruits	0.5		6(a)	98	32		
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
GC	0651	Sorghum	0.01	(*)	CXL	98	34	32	2003
VR	0596	Sugar beet	0.05		CXL				Confirmed (1998 JMPR).
AV	0596	Sugar beet leaves or tops	1		CXL				
AV	0596	Sugar beet leaves or tops	0.1		6(a)	98	32,36		
VO	0448	Tomato	1	Po	CXL				
VO	0448	Tomato	2		6(a)	98	32		
VL	0506	Turnip greens	1		6	98	32,36		
VR	0506	Turnip, Garden	0.5		CXL				
VR	0506	Turnip, Garden	0.1		6(a)	98	32		
GC	0654	Wheat	0.05		6	03	36		Previous JMPR: 0.2
AS	0654	Wheat straw and fodder, Dry			1	6	03	36	Previous JMPR: 10

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30 Diphenylamine

Main Uses 21 Storage Scald Preventor
 JMPR 69, 76, 79R, 82T, 84, 98T, 01R,
 ADI 0.08 mg/kg body weight (1998)

RESIDUE Diphenylamine.
 Note Previous ADI 0.02 mg/kg bw (1984).

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

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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)

RESIDUE Diquat cation.

Generally available as dibromide.

Note New residue trials are being carried out on asparagus, broad bean, runner bean, cabbages, cotton seed, cucumber, olives, strawberry, tomato and wheat. Diquat was also used on maize, rice, alfalfa and clover, but only for seed production. (30.42)

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	100		CXL			1999	
GC	0640 Barley	5		CXL				Confirmed (1994 JMPR)
VD	0071 Beans (dry)	0.2		CXL			1999	
AL	1023 Clover	50		CXL			1999	
MO	0105 Edible offal (mammalian) [except cattle]	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) [except cattle]	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)

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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 required on this MRL. Withdrawal recommended	0.05	(*)	CXL	94	25	24	The Committee decided that no further action was otherwise listed) (1994 JMPR)
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)

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32 Endosulfan

Main Uses 8 Insecticide

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

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

AcuteRfD 0.02 mg/kg body weight (1998)

RESIDUE Sum of alpha- and beta-endosulfan and endosulfan sulphate (fat-soluble).

Note TMDI: 20-120% of the ADI

New field trials on broccoli were available in the USA (31.48). The following commodities would be supported: cacao bean, citrus fruits, coffee bean, cotton seed, wine and table grapes, hazelnut, melon (except watermelon), peach, pineapple, pome fruit, potato, soya bean, sugar beet, tea and tomato (31.49).

The CCPR-32 noted that, in addition to the above commodities, new residue trials data would be submitted for: broad bean (green pods and immature seeds), broccoli, cabbages, head, cabbage, Savoy, carrot, cauliflower, celery, cherries, cucumber, kale, meat (mammalian), milks, peppers, sweet, rice, squash, summer, and water melon. It maintained all CXLs awaiting the residue evaluation by the 2003 JMPR (32.93).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
AL	1021 Alfalfa forage (green)	1	CXL				1991	
VP	0522 Broad bean (green pods and immature seeds)	0.5	CXL	93	35	32	2003	
VB	0400 Broccoli	0.5	CXL	89, 93	35	24, 25, 31,32	2003	
VB	0403 Cabbage, Savoy	2	CXL	89, 93	35	24, 25, 32	2003	
VB	0041 Cabbages, Head	1	CXL	89, 93	34	24, 25, 32	2003	Except cabbage, Savoy
SB	0715 Cacao beans	0.1	CXL	93	35	32	2003	
VR	0577 Carrot	0.2	CXL					
VB	0404 Cauliflower	0.5	CXL	89, 93	34	24, 25, 32	2003	
VS	0624 Celery	2	CXL				1991	
FS	0013 Cherries	1	CXL				1991	
AL	1023 Clover	1	CXL				1991	
SB	0716 Coffee beans	0.1	CXL	93	35	32	2003	
VP	0526 Common bean (pods and/or immature seeds)	0.5	CXL				1993	
SO	0691 Cotton seed	1	CXL					
OC	0691 Cotton seed oil, Crude	0.5	CXL					
VC	0424 Cucumber	0.5	CXL	93	35	32	2003	
VP	0528 Garden pea (young pods)	0.5	CXL				1991	
FB	0269 Grapes	1	CXL	93	35		2003	

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VL	0480	Kale	1		CXL			1991
VL	0482	Lettuce, Head	1		CXL			1991
VL	0483	Lettuce, Leaf	1		CXL			1991
GC	0645	Maize	0.1		CXL	93	35	2003
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.1	(fat)	CXL			1993
VC	0046	Melons, except watermelon	0.5		CXL	93	35	2003
ML	0106	Milks	0.004	F	CXL			1993
VA	0385	Onion, Bulb	0.2		CXL			
FC	0004	Oranges, Sweet, Sour	0.5		CXL	93	35	2003
FS	0247	Peach	1		CXL	93	35	2003
FI	0353	Pineapple	2	Po	CXL	93	35	2003
FS	0014	Plums (including prunes)	1		CXL			1991
FP	0009	Pome fruits	1		CXL			1991
VR	0589	Potato	0.2		CXL			
SO	0495	Rape seed	0.5		CXL	93	35	2003
GC	0649	Rice	0.1		CXL			
VD	0541	Soya bean (dry)	1		CXL	93	35	2003
VL	0502	Spinach	2		CXL			1991
VC	0431	Squash, Summer	0.5		CXL	93	35	2003
VR	0596	Sugar beet	0.1		CXL			1991
AV	0596	Sugar beet leaves or tops	1		CXL			1991
SO	0702	Sunflower seed	1		CXL	93	35	2003
VR	0508	Sweet potato	0.2		CXL			
DT	1114	Tea, Green, Black	30		CXL			
VO	0448	Tomato	0.5		CXL	93	35	2003
AL	1028	Trefoil	1		CXL			1991
GC	0654	Wheat	0.2		CXL	93	35	2003

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35 Ethoxyquin

Main Uses 22 Scald Control Agent

JMPR 69, 98T', 99R'

ADI 0.005 mg/kg body weight (1998)

RESIDUE Ethoxyquin.

Note Previous ADI 0.06 mg/kg bw (1969)

The CCPR was informed that the required toxicology data would be available by 2004 (33.91). The delegations of France and Spain informed the CCPR that they have uses on apples and pears as post harvest treatment (33.92).

Commodity		MRL	Po	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FP	0230 Pear	3	Po	CXL	99	33 26, 28, 29, 30, 31		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting toxicity studies.

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37 Fenitrothion

Main Uses 8 Insecticide

JMPR 69, 74, 76R, 77, 79R, 82T, 83R, 84, 86, 88T, 89R, 00T' (01R'), 03'R, 04R

ADI 0-0.005 mg/kg body weight (1988; confirmed 2000)

AcuteRfD 0.04 mg/kg body weight (2000)

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

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0226 Apple	0.5		3	04	37		
GC	0080 Cereal grains	10	Po	CXL		36		Retained under 4 years periodic review procedure (36-88).
GC	0080 Cereal grains	10	Po	6		03,36		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD. Retained under 4 years periodic review procedure (36-88)
GC	0080 Cereal grains	10	Po	3	04	37		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.
MO	0105 Edible offal (mammalian) [except cattle]	0.05	(*)	3	04	37		
PE	0112 Eggs	0.05	(*)	3	04	37		
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(*) (fat) E	CXL		36		Retained under 4 years periodic review procedure (36-88)
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	3	04	37		
ML	0106 Milks	0.002	(*) E	CXL		36		Retained under 4 years periodic review procedure (36-88).
ML	0106 Milks	0.01		3	04	37		
FP	0230 Pear			3	04	37		JMPR 2004: Withdrawal recommended. Secretariat's note: No CXL found in data base for this commodity.
PM	0110 Poultry meat	0.05	(*)	3	04	37		
CM	1206 Rice bran, Unprocessed	20	PoP	CXL		36		Retained under 4 years periodic review procedure

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							(36-88).
CM	1206	Rice bran, Unprocessed	60		3	04	37
CM	1205	Rice, Polished	1	PoP	CXL	04	36
							Retained under 4 years periodic review procedure (36-88). JMPR 2004: Withdrawal recommended.
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	6	03	36
							Previous recommendation: 20 PoP
CM	0654	Wheat bran, Unprocessed	30	PoP	3	04	37
							The information provided to the JMPR 2004 precludes an estimate that the dietary intake would be below the ADI.
CM	0654	Wheat bran, Unprocessed	30	PoP	3	04	37
							The information provided to the JMPR 2004 precludes an estimate that the dietary intake would be below the ADI.
CF	1211	Wheat flour	2	PoP	CXL	04	36
							1991 Retained under 4 years periodic review procedure (36-88). JMPR 2004: Withdrawal recommended.
CF	1212	Wheat wholemeal	5	PoP	CXL		
							Retained under 4 years periodic review procedure (36-88).
CP	1211	White bread			3	04	
							JMPR 2004: Withdrawal recommended. Secretariat's note: No CXL found in data base for this commodity.
CP	1212	Wholemeal bread			3	04	
							JMPR 2004: Withdrawal recommended. Secretariat's note: No CXL found in data base for this commodity.

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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).

Commodity									
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note	
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	31	29, 30			Retained at current Step.
OC	0305 Olive oil, Virgin	1	CXL						
OC	0305 Olive oil, Virgin	3	7B(a)	95	31	29, 30			Retained at current Step.
FT	0305 Olives	1	CXL						Confirmed (1995 JMPR)
FC	0004 Oranges, Sweet, Sour	0.5	7B(a)	95	31	29, 30			Retained at current Step.
CM	0649 Rice, Husked	0.05	CXL						1997

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40 Fentin

Main Uses 5 Fungicide

JMPR 65T, 70, 72R, 86R, 91, 93R, 94R

ADI 0.0005 mg/kg body weight for sum of fentin acetate, fentin chloride and fentin hydroxide (1970; confirmed 1991)

RESIDUE Fentin, excluding inorganic tin and di- and mono-phenyltin.

Commodity								
Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
DH	1100 Hops, Dry	0.5		CXL			1995	
VR	0589 Potato	0.1		CXL				
GC	0649 Rice	0.1	(*)	CXL				
VR	0596 Sugar beet	0.2		CXL				

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41 Folpet

Main Uses 5 Fungicide

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

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.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
FP	0226 Apple	10	6	97, 98	33			Retain at current status awaiting 2004 JMPR evaluation (36-90).
VC	0424 Cucumber	1	CXL	94, 97, 98, 99	35	28, 33	2003	Retain at current status awaiting 2004 JMPR evaluation (36-90).
DF	0269 Dried grapes (=currants, raisins and sultanas)	40	6	97, 98	33			Retain at current status awaiting 2004 JMPR evaluation (36-90).
FB	0269 Grapes	2	CXL				1997	Retain at current status awaiting 2004 JMPR evaluation (36-90).
FB	0269 Grapes	10	6(a)	97, 98	33			Retain at current status awaiting 2004 JMPR evaluation (36-90).
VL	0482 Lettuce, Head	50	6	99	33			Retain at current status awaiting 2004 JMPR evaluation (36-90).
VC	0046 Melons, except watermelon	3	CXL	97, 98	35	33	2003	Retain at current status awaiting 2004 JMPR evaluation (36-90).
VA	0385 Onion, Bulb	1	CXL	99	35	33	2003	Retain at current status awaiting 2004 JMPR evaluation (36-90).
VR	0589 Potato	0.1	CXL	99	35	33	2003	Retain at current status awaiting 2004 JMPR evaluation (36-90).
FB	0275 Strawberry	20	CXL					Retain at current status awaiting 2004 JMPR evaluation (36-90).
FB	0275 Strawberry	5	6(a)	93, 97, 98	31	28, 29, 30		Retain at current status awaiting 2004 JMPR evaluation (36-90).
VO	0448 Tomato	3	6	97, 98	33			Retain at current status awaiting 2004 JMPR evaluation (36-90).

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42 Formothion

Main Uses 8 Insecticide

JMPR 69, 72R, 73, 78R, 96T', 98R'

ADI

RESIDUE Formothion is metabolized by plants to dimethoate and omethoate.
See also (27) dimethoate and (55) omethoate.

Note No longer supported by the manufacturer (26.109). A CXL was revoked by the 21st CAC.
Previous ADI of 0.02 mg/kg bw (1973) withdrawn by the 1996 JMPR.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0000	No MRL						

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46 Hydrogen Phosphide

Main Uses 4 Fumigant

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

ADI Not necessary.

RESIDUE All phosphides, expressed as hydrogen phosphide.

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

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

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47 Bromide Ion

Main Uses

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

ADI 1 mg/kg body weight (confirmed 1988)

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

Commodity

Code	Name	MRL	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	
VO	0442 Okra	200	CXL			1997	
DF	0247 Peach, Dried	50	CXL				
VO	0445 Peppers, Sweet	20	CXL			1997	
DF	0014 Prunes	20	CXL				

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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	

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48 Lindane

Main Uses 8 Insecticide

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

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 (fat-soluble).

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

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.01	(*)	CXL	03	36	2004	
MO	0105 Edible offal (mammalian) [except cattle]	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) [except cattle]	0.1	(fat)	CXL	03	36	2004	
ML	0106 Milks	0.01	(*)	CXL	03	36	2004	
GC	0647 Oats	0.01	(*)	CXL	03	36	2004	
PM	0110 Poultry meat	0.05	(fat)	CXL	03	36	2004	
PO	0111 Poultry, Edible offal of	0.01	(*)	CXL	03	36	2004	
GC	0650 Rye	0.01	(*)	CXL	03	36	2004	
GC	0651 Sorghum	0.01	(*)	CXL	03	36	2004	
AS	0081 Straw and fodder (dry) of cereal grains	0.01	(*)	CXL	03	36	2004	
VO	1275 Sweet corn (kernels)	0.01	(*)	CXL	03	36	2004	
GC	0654 Wheat	0.01	(*)	CXL	03	36	2004	

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49 Malathion

Main Uses 8 Insecticide

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

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

AcuteRfD 2 mg/kg body weight (2003)

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

Note The MRLs for the following commodities would be supported: apple; broccol, cabbages, head; cereal grains; citrus fruits; grapes; peach; raspberries, red, black; root and tuber vegetables; strawberries (33.101).

CCPR 35: awaiting the 2003 JMPR evaluation of the acute RfD and the calculation of acute intake estimates.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AL	1020 Alfalfa fodder	200	6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
AL	1021 Alfalfa forage (green)	500	6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
FP	0226 Apple	2	CXL	99	33,36		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
FP	0226 Apple	0.5	3	04	37		
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	
VB	0400 Broccoli	5	CXL	99	33		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
VB	0041 Cabbages, Head	8	CXL	99			Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
GC	0080 Cereal grains	8	CXL	99	33		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
FC	0001 Citrus fruits	4	CXL	99	33		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
FC	0001 Citrus fruits	7	3	04	37		
AL	1023 Clover	500	6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation

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AL	1031	Clover hay or fodder	150		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
SO	0691	Cotton seed	20		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
OC	0691	Cotton seed oil, Crude	13		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
OR	0691	Cotton seed oil, Edible	13		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
VC	0424	Cucumber	0.2		CXL	99	33,36	2004	
FB	0269	Grapes	8		CXL	99	33		Withdrawal recommended (1999 JMPR). Retained for 4 years under the Periodic Review Procedure awaiting new residue data.
FB	0269	Grapes	5		3	04	37		
AF	0162	Grass forage	200		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
AS	0162	Hay or fodder (dry) of grasses	300		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
GC	0645	Maize	0.05		6(a)	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
AS	0645	Maize fodder	50		6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
AF	0645	Maize forage	10	dry wt	6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
VL	0485	Mustard greens	2		CXL	99	33,36	2004	
VA	0385	Onion, Bulb	1		CXL	99	33,36	2004	
VA	0389	Onion, Spring	5		CXL	99	33,36	2004	
FS	0247	Peach	6		CXL	04			JMPR 2004: Withdrawal recommended.
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		6(a)	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
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		6(a)	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation

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CF	1211	Wheat flour	2	PoP	CXL				
CF	1211	Wheat flour	0.2		6	00	36		Returned to Step 6 awaiting 2004 JMPR evaluation
AF	0654	Wheat forage (whole plant)	20	dry wt	6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation
AS	0654	Wheat straw and fodder, Dry50			6	99	33,36		Returned to Step 6 awaiting 2004 JMPR evaluation

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50 Mancozeb

Main Uses 5 Fungicide

JMPR 67, 70, 74R, 77R, 80, 93, 95R

ADI

RESIDUE See (105) dithiocarbamates.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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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.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AL	1021 Alfalfa forage (green)	10		CXL			1995	
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				
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 &	0.02	(*)	CXL				

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

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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

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

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56 2-Phenylphenol

Main Uses 5 Fungicide

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

ADI 0.4 mg/kg body weight (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

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

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57 Paraquat

Main Uses 7 Herbicide

JMPR 70, 72, 76, 78R, 81R, 82T, 85T, 86T (02'), 03'T, 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 The information provided to the JMPR precludes an estimate that the dietary intake would be below the ADI. No short-term dietary intake was calculated due to insufficient data (JMPR 2003). Residue definition changed in 2004.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AM	0660 Almond hulls	0.01	(*)	3	04	37		
FI	0030 Assorted tropical and sub-tropical fruits - inedible peel	0.01	(*)	3	04	37		
FB	0018 Berries and other small	0.01	(*)	3	04	37		
MO	1280 Cattle kidney	0.5		CXL	04	37		JMPR 2004: Withdrawal recommended
FC	0001 Citrus fruits	0.02		3	04	37		
SO	0691 Cotton seed	0.2		CXL				
SO	0691 Cotton seed	2		3	04	37		
OR	0691 Cotton seed oil, Edible	0.05	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
MO	0105 Edible offal (mammalian) [except cattle]	0.05		3	04	37		
MO	0097 Edible offal of cattle, pigs & sheep	0.05	(*)	CXL	04	37		Except as otherwise listed. JMPR 2004: Withdrawal recommended
PE	0112 Eggs	0.01	(*)	CXL				
PE	0112 Eggs	0.005	(*)	3	04	37		
AV	1051 Fodder beet leaves or tops	0.2		3	04	37		dry wt
VO	0050 Fruiting vegetables other than cucurbits	0.05		3	04	37		
VC	0045 Fruiting vegetables, Cucurbits	0.02		3	04	37		
DH	1100 Hops, Dry	0.2		CXL				
DH	1100 Hops, Dry	0.1		3	04	37		
VL	0053 Leafy vegetables	0.07		3	04	37		
GC	0645 Maize	0.1		CXL				

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GC	0645	Maize	0.03		3	04	37	
CF	1255	Maize flour	0.05		3	04	37	
AS	0645	Maize fodder	10	dry wt	3	04	37	
AF	0645	Maize forage	5	dry wt	3	04	37	
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.005		3	04	37	
MM	0097	Meat of cattle, pigs &	0.05	(*)	CXL	04		JMPR 2004: Withdrawal recommended
ML	0106	Milks	0.01	(*)	CXL			
ML	0106	Milks	0.005	(*)	3	04	37	
FT	0305	Olives	1		CXL			
FT	0305	Olives	0.1		3	04	37	
FI	0351	Passion fruit	0.2		CXL	04		JMPR 2004: Withdrawal recommended
MO	1284	Pig kidney	0.5		CXL	04		JMPR 2004: Withdrawal recommended
FP	0009	Pome fruits	0.01	(*)	3	04	37	
VR	0589	Potato	0.2		CXL	04		JMPR 2004: Withdrawal recommended
PM	0110	Poultry meat	0.005	(*)	3	04	37	
PO	0111	Poultry, Edible offal of	0.005	(*)	3	04		
VD	0070	Pulses	0.5		3	04	37	
GC	0649	Rice	10		CXL	04		JMPR 2004: Withdrawal recommended
CM	1205	Rice, Polished	0.5		CXL	04		JMPR 2004: Withdrawal recommended
VR	0075	Root and tuber vegetables	0.05		3	04	37	
MO	1288	Sheep kidney	0.5		CXL	04		JMPR 2004: Withdrawal recommended
GC	0651	Sorghum	0.5		CXL			
GC	0651	Sorghum	0.03		3	04	37	
AF	0651	Sorghum forage (green)	0.3		3	04	37	
AS	0651	Sorghum straw and fodder, Dry	0.3		3	04	37	
VD	0541	Soya bean (dry)	0.1		CXL	04		JMPR 2004: Withdrawal recommended
AL	0541	Soya bean fodder	0.5		3	04	37	
AL	1265	Soya bean forage (green)	2		3	04	37	
FS	0012	Stone fruits	0.01	(*)	3	04	37	

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SO	0702	Sunflower seed	2		CXL				
SO	0702	Sunflower seed	2		3	04	37		
OC	0702	Sunflower seed oil, crude	0.05	(*)	CXL	04			JMPR 2004: Withdrawal recommended
OR	0702	Sunflower seed oil, Edible	0.05	(*)	CXL	04			JMPR 2004: Withdrawal recommended
DT	1114	Tea, Green, Black	0.2		3	04	37		
TN	0085	Tree nuts	0.05		3	04	37		
AO1	0002	Vegetables (except as otherwise listed)	0.05	(*)	CXL	04	25	24	JMPR 2004: Withdrawal recommended

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59 Parathion-Methyl

Main Uses 8 Insecticide

JMPR 65T, 68, 72R, 75, 78, 79T, 80T, 82T, 84, 91R, 92R, 94R', 95T', 00R', 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 The 36th session of the Committee noted that animal transfer studies were not available and decided to return the animal feed and associated commodities: alfalfa fodder; alfalfa fodder (green); bean forage (green); cotton seed; cotton seed oil, crude; cotton seed oil, edible; hay or fodder (dry) of grasses; maize; maize flour; maize oil, crude; maize oil, edible; pea hay or pea fodder; pea vines (green); rape seed; rape seed oil, crude; rape seed oil, edible; sugar beet leaves or tops; wheat; wheat bran, unprocessed; wheat flour and wheat straw and fodder dry to Step 6 awaiting the evaluation of the JMPR (36-96).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AL	1020 Alfalfa fodder	70	6	00	36		
AL	1021 Alfalfa forage (green)	70	6	00	36		
FP	0226 Apple	0.2	CXL	00	36	2004	
AL	1030 Bean forage (green)	1	6	94, 00	30,36 29		Confirmed (2000 JMPR)
VD	0071 Beans (dry)	0.05 (*)	CXL	00		1997	Confirmed (2000 JMPR)
VB	0041 Cabbages, Head	0.05	CXL	00	36	2004	
SO	0691 Cotton seed	25	6	00	36		
OC	0691 Cotton seed oil, Crude	10	6	00	36		
OR	0691 Cotton seed oil, Edible	10	6	00	36		
DF	0269 Dried grapes (=currants, raisins and sultanas)	1	CXL	00	36	2004	
FB	0269 Grapes	0.5	CXL	00	36	2004	
AS	0162 Hay or fodder (dry) of grasses	5	6	94, 00	30,36 29		Confirmed (2000 JMPR)
GC	0645 Maize	0.1	6	00	36		
CF	1255 Maize flour	0.05	6	00	36		
OC	0645 Maize oil, Crude	0.2	6	00	36		
OR	0645 Maize oil, Edible	0.1	6	00	36		
FS	0245 Nectarine	0.3	CXL	03	36	2004	Extrapolation from peach
AL	0072 Pea hay or pea fodder (dry)	70	CXL	00	36		
AL	0528 Pea vines (green)	40	CXL	00	36		

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FS	0247	Peach	0.3			CXL	00	36		2004
VD	0072	Peas (dry)	0.3			CXL	00	36		2004
FS	0014	Plums (including prunes)	0.01	(*)		CXL	00			1995 Retained for 4 years under periodic review
VR	0589	Potato	0.05	(*)		CXL	00			1997 Confirmed (2000 JMPR)
SO	0495	Rape seed	0.05			6	00	36		
OC	0495	Rape seed oil, Crude	0.2			6	00	36		
OR	0495	Rapeseed oil, Edible	0.2			6	00	36		
VR	0596	Sugar beet	0.05	(*)		CXL	00			Confirmed (2000 JMPR)
AV	0596	Sugar beet leaves or tops	0.05	(*)	fresh	6	94, 00	30,36	29	Confirmed (2000 JMPR)
GC	0654	Wheat	5			6	94, 00	30,36	29	Confirmed (2000 JMPR)
CM	0654	Wheat bran, Unprocessed	10			6	94, 00	30,36	29	Confirmed (2000 JMPR)
CF	1211	Wheat flour	2			6	00	36		
AS	0654	Wheat straw and fodder, Dry	10			6	94, 00	30,36	30	Confirmed (2000 JMPR)

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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

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

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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)

RESIDUE Piperonyl butoxide (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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 & 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	
OC	0645 Maize oil, Crude	80	PoP	CXL	01, 02	35,36	2004	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	
AL	0528 Pea vines (green)	400	dry wt	CXL	01, 02	35,36	2004	
SO	0703 Peanut, whole	1	Po	CXL	01, 02	35,36	2004	

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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

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63 Pyrethrins

Main Uses 8 Insecticide

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

ADI 0.04 mg/kg body weight (1972; confirmed 1999)

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 pyretFor 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, jasmolins 1 and 2, determined after calibration with World Standard pyrethrum extract.

Commodity Code	Name	MRL		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	
AL	0528 Pea vines (green)	10	dry wt	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	Change to Po
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	1	Po	CXL	00			

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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)

RESIDUE Plant commodities: Quintozene (fat-soluble).

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

Commodity Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC 0640	Barley	0.01	(*)	CXL	98	34 32	2003	
AS 0640	Barley straw and fodder,	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	
VP 0526	Common bean (pods and/or immature seeds)	0.01				34	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	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	
SO 0697	Peanut	2				34	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	
AL 1265	Soya bean forage (green)	0.01	(*)	CXL	98	34 32	2003	
VR 0596	Sugar beet	0.01	(*)	CXL	98	34 32	2003	
VO 0448	Tomato	0.02		CXL	98	34 32	2003	

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GC 0654 Wheat 0.01
AS 0654 Wheat straw and fodder, Dry

CXL 98 34 32 2003
0.03 CXL 98 34 32 2003

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65 Thiabendazole

Main Uses 5 Fungicide

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

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

AcuteRfD 0.9 mg/kg body weight (2003)

RESIDUE Plant commodities: Thiabendazole.

Animal commodities: Sum of thiabendazole and 5-hydroxythiabendazole.

Note The Committee requested the JMPR to perform acute intake assessment taking into account the Acute RfD of 0.1 mg/kg bw established by the 2002 JECFA (36-103). The Committee was informed that data relating to the acute reference dose would be provided for evaluation by the 2005 JMPR (36-104).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	3	Po	6	00			CCPR 36: Requested the Delegation of Morocco to submit data on citrus fruit for JMPR (36-102).
PE	0112 Eggs	0.1		CXL			2001	
FI	0345 Mango	5	Po	CXL	00	35	2003	
VO	0450 Mushrooms	60		6	97	33	32	CCPR 36: Requested the Delegation of the USA to submit data on citrus fruit for JMPR (36-102).
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	

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VS 0469 Witloof chicory (sprouts) 0.05 (*)

CXL

1999

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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 (1994)

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

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0226 Apple	2		CXL				Will be supported (32.102)
FC	0001 Citrus fruits	2		CXL				Will be supported (32.102)
FB	0269 Grapes	0.2		CXL			1993	Will be supported (32.102)
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.2		CXL				The MRL accommodates external animal treatment. Will not be supported (32.102). However, residues may be present in the commodity arising from feedingstuffs.
AO3	0001 Milk products	0.05	(*)	CXL				The MRL accommodates external animal treatment. Will not be supported (32.102). However, residues may be present in the commodity arising from feedingstuffs.
ML	0106 Milks	0.05	(*)	CXL				The MRL accommodates external animal treatment. Will not be supported (32.102). However, residues may be present in the commodity arising from feedingstuffs.
FS	0245 Nectarine	1		7C	91	32	25, 26	Awaiting a periodic review by a future JMPR meeting and information on GAP from governments (26.172,173). Will not be supported. The CCPR-33 would consider its revocation (32.102)
FS	0247 Peach	1		7B	83, 91	32	25, 26	Awaiting a periodic review by a future JMPR meeting and information on GAP from governments (26.172,173). Not adopted at Step 8 by the 20th Session of the CAC. Will be supported (32.102)
FP	0230 Pear	2		CXL				Will be supported (32.102)
FS	0014 Plums (including prunes)	2		7B	78, 91	32	26	Awaiting a periodic review by a future JMPR meeting and information on GAP from governments (26.172,173). Not adopted at Step 8 by the 20th Session of the CAC. Will be supported (32.102)

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69 Benomyl

Main Uses 5 Fungicide

JMPR 73R, 75, 78, 83, 88R, 90R, 94R, 95T', 98R'

ADI 0.1 mg/kg body weight (1995)

RESIDUE Sum of benomyl and carbendazim, expressed as carbendazim.

Residues arising from the use of benomyl are covered by the MRLs for (72) carbendazim.

Note Residue definition changed (1998 JMPR).

The CCPR-32 decided to retain the current residue definitions for benomyl/carbendazim/thiophanate-methyl and to reconsider them at its 33rd session (32.103).

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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70 Bromopropylate

Main Uses 1 Acaricide

JMPR 73, 93, 96R

ADI 0.03 mg/kg body weight (1993)

RESIDUE Bromopropylate.

Commodity							
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
FC	0001 Citrus fruits	2	CXL			1997	
VP	0526 Common bean (pods and/or 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	

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72 Carbendazim

Main Uses 5 Fungicide

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

ADI 0.03 mg/kg body weight (1995)

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 advance the MRLs for asparagus; cherries; common beans pod and/or immature seeds); mango; peanut; peanut fodder; pepper, chili; soya bean (dry); squash, summer; sugar beet and sugar beet leaves or tops to Step 5 and returned the remaining MRLs to Step 6 awaiting the establishment of an acute RfD by JMPR in 2005 (36-105).

Code	Commodity Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FS	0240 Apricot	2		B	CXL		2001	
VS	0621 Asparagus	0.1	(*)	B	CXL	98	32,36	2001 Source of data: benomyl Withdrawal recommended (1998 JMPR). Retained for 4 years under the Periodic Review Procedure because of commitment to submit data (32.103).
VS	0621 Asparagus	0.2	C		6	03	36	Previous JMPR: withdrawal recommended. C=carbendazim use
FI	0327 Banana	0.2		B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
GC	0640 Barley	0.5		C	6	94, 98	34,36	Pending 2005 JMPR evaluation (36-105).
AS	0640 Barley straw and fodder,	2		C	6	98	34,36	2003 Based on Carbendazim data
VD	0071 Beans (dry)	0.5		Th	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
FB	0018 Berries and other small	1		B,Th	6	88, 94, 98	33, 24 35,36	Pending 2005 JMPR evaluation (36-105).
VB	0402 Brussels sprouts	0.5		B	CXL			1991 Source of data: benomyl Confirmed (1998 JMPR)
VR	0577 Carrot	0.2		B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
MM	0812 Cattle meat	0.05	(*)	B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
FS	0013 Cherries	10	Th		6	03	36	Previous JMPR: withdrawal recommended
PF	0840 Chicken fat	0.05	(*)	B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
SB	0716 Coffee beans	0.1	(*)	C	CXL	98	32	2001 Source of data: carbendazim Retained
VP	0526 Common bean (pods and/or immature seeds)	2		B,C,Th	CXL	98		2001 Source of data: benomyl, carbendazim, thiophanate-methyl
VP	0526 Common bean (pods and/or immature seeds)	0.5	Th		6	03	36	
VC	0424 Cucumber	0.05	(*)	b, C	6	98	34,36	Pending 2005 JMPR evaluation (36-105).

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MO	0105 Edible offal (mammalian) [except cattle]	0.05	(*)	B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
PE	0112 Eggs	0.05	(*)	B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
VP	0529 Garden pea, Shelled	0.02		Th	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
VC	0425 Gherkin	0.05	(*)	b,C	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
FB	0269 Grapes	3		b, Th	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
VL	0482 Lettuce, Head	5		Th	6	73,75,78,83,88, 94,98	33,36 24	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			6	03	36	C=carbendazim use
ML	0106 Milks	0.05	(*)	B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
FS	0245 Nectarine	2		B	CXL			2001 Source of data: benomyl
FC	0004 Oranges, Sweet, Sour	1		B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
FS	0247 Peach	2		B	CXL			2001 Source of data: benomyl
SO	0697 Peanut	0.1*Th			6	03	36	Previous JMPR: withdrawal recommended
AL	0697 Peanut fodder	3 Th			6	03	36	Expressed on dry weight basis Previous JMPR: withdrawal recommended. Expressed on dry weight basis. Th=thiophanate-methyl use
VO	0051 Peppers	0.1		Th	6	83, 88, 94 ,98	33,36 24	Pending 2005 JMPR evaluation (36-105).
VO	0444 Peppers, Chili	2 C			6	03	36	C=carbendazim use. Pending 2005 JMPR evaluation (36-105).
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	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
SO	0495 Rape seed	0.05	(*)	C	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
AS	0649 Rice straw and fodder, Dry	15		B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
CM	0649 Rice, Husked	2		B	6	98	34,36	Pending 2005 JMPR evaluation (36-105).
GC	0650 Rye	0.05		C,Th	6	94, 98	34,36	Pending 2005 JMPR evaluation (36-105).
VD	0541 Soya bean (dry)	0.2		C	CXL	98	32	2001 Source of data: carbendazim
VD	0541 Soya bean (dry)	0.5 Th			6	03	36	Pending 2005 JMPR evaluation (36-105).
AL	0541 Soya bean fodder	0.1	(*)	C	CXL	98	32	2001 Source of data: carbendazim Retained pending data

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VC	0431	Squash, Summer	0.5	Th		6	03	36	Previous JMPR: withdrawal recommended. Th=thiophanate-methyl use	
VR	0596	Sugar beet	0.1*	Th		6	03	36	Previous JMPR: withdrawal recommended. Th=thiophanate-methyl use	
AV	0596	Sugar beet leaves or tops	10	Th		6	03	36	Previous JMPR: withdrawal recommended. Th=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		6	94, 98	34,36	Pending 2005 JMPR evaluation (36-105).
AS	0654	Wheat straw and fodder, Dry 1			B,C		6	98	34,36	Pending 2005 JMPR evaluation (36-105).

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73 Demeton-S-Methyl

Main Uses 8 Insecticide

JMPR 73, 79R, 82T, 84, 89, 92R, 98R'

ADI 0.0003 mg/kg body weight (1989; for demeton-S-methyl and related compounds, alone or in combination)

RESIDUE Sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphon expressed as oxydemeton-methyl.
See (166) oxydemeton-methyl.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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74 Disulfoton

Main Uses 8 Insecticide / Acaricide

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

ADI 0.0003 mg/kg body weight (1991)

AcuteRfD 0.003 mg/kg body weight (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; cauliflawer; lettuce head and leaf to Step 6 awaiting refirements in the acute dietary intake probabilistic methodology (36-107).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	Confirmed (1994 JMPR).
AS	0640 Barley straw and fodder,	3		CXL			1995	
VD	0071 Beans (dry)	0.2		CXL	91, 94, 98	35 28, 29, 31, 33	2003	Changed from 0.05 mg/kg at Step 7B (1998 JMPR)
VB	0400 Broccoli	0.1		6	91, 94	33 26, 28, 29, 31		Changed from 0.2 mg/kg (1994 JMPR).
VB	0041 Cabbages, Head	0.2		6	91, 94	33 26, 28, 29		
VB	0404 Cauliflower	0.05		6	91, 94	33 28, 29, 31		Changed from 0.2 mg/kg (1994 JMPR).
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	
AO3	1600 Forage crops (green)	5		CXL				Except maize forage. To be replaced by the MRLs for individual commodities.
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	
VL	0482 Lettuce, Head	1		6	91, 98	33 25, 26, 28, 29, 31		Confirmed (1998 JMPR); formerly at Step 7B.

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VL	0483	Lettuce, Leaf	1		6	91, 98	33	26, 28, 29	Confirmed (1998 JMPR); formerly at Step 7B.
GC	0645	Maize	0.02	(*)	CXL	91, 94, 98	35	26, 33	2003
AS	0645	Maize fodder	3		CXL				1995
AF	0645	Maize forage	1		CXL				1995
ML	0107	Milk of cattle, goats & sheep	0.01		CXL	91, 94	35	25, 26, 28, 31, 33	2003
AF	0647	Oat forage (green)	0.5		CXL	91, 94	35	26, 28, 29,31, 32,33	2003
AS	0647	Oat straw and fodder, Dry	0.05		CXL	91, 94	35	26, 28, 29, 31, 32,33	2003
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
AV	0596	Sugar beet leaves or tops	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	To be recommended for deletion when proposals of the relevant individual commodities reach Step 8 (25.96)
GC	0654	Wheat	0.2		CXL	91, 94	35	28, 29, 31,	2003
AF	0654	Wheat forage (whole plant)	1		CXL	91, 94	35	26, 28, 29, 31, 32	2003
AS	0654	Wheat straw and fodder, Dry	5		CXL	91, 94	35	26, 28, 29, 31, 32, 33	2003

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78 Vamidothion

Main Uses 8 Insecticide

JMPR 73, 82T, 85, 87R, 88T, 90R, 92R

ADI 0.008 mg/kg body weight (1988)

RESIDUE Sum of vamidothion, its sulphoxide and sulphone, expressed as vamidothion.

Note The CAC-24 revoked the existing CXLs.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0000	No MRL						

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79 Amitrole

Main Uses 7 Herbicide

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

ADI 0.002 mg/kg body weight (1997)

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	Name	MRL		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	

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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)

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		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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,	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 immature seeds)	5	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	
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	

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VR	0589	Potato	0.2		CXL	1997
VC	0431	Squash, Summer	5		CXL	
VR	0596	Sugar beet	0.2		CXL	1995
AV	0596	Sugar beet leaves or tops	20		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, Dry	20		CXL	1995
VC	0433	Winter squash	5		CXL	

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82 Dichlofluanid

Main Uses 5 Fungicide

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

ADI 0.3 mg/kg body weight (1983)

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	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					

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83 Dicloran

Main Uses 5 Fungicide

JMPR 74, 77, 98', 03R

ADI 0.01 mg/kg body weight (1998)

RESIDUE For compliance with MRLs and estimation of dietary intake: Dicloran (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

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

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84 Dodine

Main Uses 5 Fungicide

JMPR 74, 76, 77R, 00T' (01R'), 03'R

ADI 0.1 mg/kg body weight (2000)

AcuteRfD 0.2 mg/kg body weight (2000)

RESIDUE For compliance with MRL and for estimation of dietary intake: Dodine.

Note Previous ADI, 0.01 mg/kg body weight. The Committee noted that the CXLs for grapes and strawberries will be considered for deletion in 2005 (36-114).

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0226 Apple	5	CXL	03			2003 JMPR: withdrawal recommended
FS	0013 Cherries	2	CXL				
FS	0013 Cherries	3	6	03	36		Previous MRL: 2
FB	0269 Grapes	5	CXL	03	36		2003 JMPR: withdrawal recommended
FS	0245 Nectarine	5	6	03	36		
FS	0247 Peach	5	CXL				
FS	0247 Peach	5	6	03	36		
FP	0230 Pear	5	CXL	03	36		2003 JMPR: withdrawal recommended
FP	0009 Pome fruits	5	6	03	36		
FB	0275 Strawberry	5	CXL	03	36		

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85 Fenamiphos

Main Uses 8 Insecticide

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

ADI 0.0008 mg/kg body weight (1997)

AcuteRfD 0.003 mg/kg body weight (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).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	
VR	0577 Carrot	0.2		CXL	99			
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) [except cattle]	0.01	(*)	CXL	99	33, 36	2004	
PE	0112 Eggs	0.01	(*)	CXL	99	33, 36	2004	
FB	0269 Grapes	0.1		CXL	99			
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.01	(*)	CXL	99	33, 36	2004	
VC	0046 Melons, except watermelon	0.05	(*)	CXL	99			
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	
VO	0051 Peppers	0.5		6	99	33, 36		Returned to Step 6 because of acute intake concerns.
FI	0353 Pineapple	0.05	(*)	CXL	99			
PM	0110 Poultry meat	0.01	(*)	CXL	99	33, 36	2004	
PO	0111 Poultry, Edible offal of	0.01	(*)	CXL	99	33, 36	2004	
VO	0448 Tomato	0.2		CXL	99	33,36		
VO	0448 Tomato	0.5		6(a)	99	33,36		Returned to Step 6 because of acute intake concerns.

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VC 0432 Watermelon

0.05 (*)

6 99

33,36

Returned to Step 6 because of acute intake concers.

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86 Pirimiphos-Methyl

Main Uses 8 Insecticide

JMPR 74, 76, 77R, 79R, 83R, 85R, 92T, 94R (02R'), 03'R, 04R

ADI 0-0.03 mg/kg body weight (1992)

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

Commodity Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FP 0226	Apple	2		CXL				2003 JMPR: Withdrawal recommended.
VB 0402	Brussels sprouts	2		CXL				2003 JMPR: Withdrawal recommended.
VB 0041	Cabbages, Head	2		CXL				2003 JMPR: Withdrawal recommended.
VR 0577	Carrot	1		CXL				2003 JMPR: Withdrawal recommended.
VB 0404	Cauliflower	2		CXL				2003 JMPR: Withdrawal recommended.
GC 0080	Cereal grains	10	Po	CXL				
GC 0080	Cereal grains	7	Po	6	03	36		
FS 0013	Cherries	2		CXL	03	36		2003 JMPR: Withdrawal recommended.
FC 0001	Citrus fruits	2		CXL	03	36		2003 JMPR: Withdrawal recommended.
VP 0526	Common bean (pods and/or immature seeds)	0.5		CXL	03	36		2003 JMPR: Withdrawal recommended.
VC 0424	Cucumber	1		CXL	03	36		2003 JMPR: Withdrawal recommended.
FB 0278	Currant, Black	1		CXL	03	36		2003 JMPR: Withdrawal recommended.
DF 0295	Dates, Dried or dried & candied	0.5	Po	CXL	03	36		2003 JMPR: Withdrawal recommended.
MD 0180	Dried fish	8	Po	CXL	03	36		2003 JMPR: Withdrawal recommended.
MO 0105	Edible offal (mammalian) [except cattle]	0.1	(*)	3	04	37		No residues expected from consumption of feed commodities with pirimiphos-methyl residues, as evaluated by JMPR
PE 0112	Eggs	0.05	(*)	CXL	03	36		2003 JMPR: Withdrawal recommended.
PE 0112	Eggs	0.01		3	04	37		
FB 0268	Gooseberry	1		CXL	03	36		2003 JMPR: Withdrawal recommended.
FI 0341	Kiwifruit	2		CXL	03	36		2003 JMPR: Withdrawal recommended.
VL 0482	Lettuce, Head	5		CXL	03	36		2003 JMPR: Withdrawal recommended.
MM 0095	Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	CXL	03	36		2003 JMPR: Withdrawal recommended.

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MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.01	(*)	3	04	37	
ML	0106	Milks	0.05	(*)	CXL			
ML	0106	Milks	0.01		6	03	36	
VO	0450	Mushrooms	5		CXL	03	36	2003 JMPR: Withdrawal recommended.
FT	0305	Olives	5		CXL	03	36	2003 JMPR: Withdrawal recommended.
VA	0389	Onion, Spring	1		CXL	03	36	2003 JMPR: Withdrawal recommended.
SO	0697	Peanut	2	Po	CXL	03	36	2003 JMPR: Withdrawal recommended.
OC	0697	Peanut oil, Crude	15	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
OR	0697	Peanut oil, Edible	15	PoP	CXL	03	36	1997 2003 JMPR: Withdrawal recommended.
SO	0703	Peanut, whole	25	Po	CXL	03	36	2003 JMPR: Withdrawal recommended.
FP	0230	Pear	2		CXL	03	36	2003 JMPR: Withdrawal recommended.
VP	0063	Peas (pods and succulent=immature seeds)	0.05	(*)	CXL	03	36	2003 JMPR: Withdrawal recommended.
VO	0051	Peppers	1		CXL	03	36	2003 JMPR: Withdrawal recommended.
FS	0014	Plums (including prunes)	2		CXL	03	36	2003 JMPR: Withdrawal recommended.
VR	0589	Potato	0.05	(*)	CXL	03	36	2003 JMPR: Withdrawal recommended.
PM	0110	Poultry meat	0.01	(*)	3	04	37	No residues expected from consumption of feed commodities with pirimiphos-methyl residues, as evaluated by JMPR
PO	0111	Poultry, Edible offal of	0.01	(*)	3	04	37	No residues expected from consumption of feed commodities with pirimiphos-methyl residues, as evaluated by JMPR.
FB	0272	Raspberries, Red, Black	1		CXL	03	36	2003 JMPR: Withdrawal recommended.
CM	1206	Rice bran, Unprocessed	20	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CM	0649	Rice, Husked	2	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CM	1205	Rice, Polished	1	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CF	1251	Rye wholemeal	5	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
VL	0502	Spinach	5		CXL	03	36	2003 JMPR: Withdrawal recommended.
FB	0275	Strawberry	1		CXL	03	36	2003 JMPR: Withdrawal recommended.
VO	0448	Tomato	1		CXL	03	36	2003 JMPR: Withdrawal recommended.
CM	0654	Wheat bran, Unprocessed	20	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.

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CM	0654	Wheat bran, Unprocessed	15	PoP	6	03	36	
CF	1211	Wheat flour	2	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CF	1212	Wheat wholemeal	5	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CP	1211	White bread	0.5	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.
CP	1212	Wholemeal bread	1	PoP	CXL	03	36	2003 JMPR: Withdrawal recommended.

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87 Dinocap

Main Uses 5 Fungicide

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

ADI 0.008 mg/kg body weight (1998)

RESIDUE Sum of dinocap isomers and dinocap phenols, expressed as dinocap.

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

Commodity

Code	Name	MRL		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	

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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)

RESIDUE Chlorpyrifos-methyl (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FP	0226 Apple	0.5		CXL				
VS	0620 Artichoke, Globe	0.1		CXL				
GC	0640 Barley	10	Po	6	91, 94	33	25, 26, 28, 29, 30, 31,36	Confirmed (1994 JMPR). The CCPR-36 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	
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	6	91, 94	33	26, 28, 29, 31,36	Confirmed (1994 JMPR). The CCPR-36 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				

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VO	0051 Peppers	0.5		CXL				1995	
VR	0494 Radish	0.1		CXL					
GC	0649 Rice	0.1		CXL					
GC	0649 Rice	10	Po	6(a)	94	33	28, 29, 31,36		The CCPR-36 returned the MRL to Step 6 awaiting review by JMPR (36-119). 120. 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					

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93 Bioresmethrin

Main Uses 8 Insecticide

JMPR 75R, 76, 91

ADI 0.03 mg/kg body weight (1991)

RESIDUE Bioresmethrin.

Commodity									
Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note	
GC	0654 Wheat	1	Po	CXL			1995		
CM	0654 Wheat bran, Unprocessed	5	PoP	CXL			1995		
CF	1211 Wheat flour	1	PoP	CXL			1995		
CF	1210 Wheat germ	3	PoP	CXL			1995		
CF	1212 Wheat wholemeal	1	PoP	CXL			1995		

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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.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AB	1203	0.05	CXL	01	35,36	2004	
AL	1020 Alfalfa fodder	20	6	01	35,36		Resulting from consideration of methomyl supervised field trial data.
AL	1021 Alfalfa forage (green)	10	CXL			1991	
AL	1021 Alfalfa forage (green)	25	6	01	35,36		Resulting from consideration of methomyl supervised field trial data.
FP	0226 Apple	2	6	01	35,36		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).
GC	0640 Barley	0.5	CXL			1991	
GC	0640 Barley	2	6	01	35,36		Resulting from consideration of methomyl supervised field trial data.
AL	0061 Bean fodder	10	6	01	35,36		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.
VP	0061 Beans, except broad bean and soya bean	1	6	01	35,36		Resulting from consideration of methomyl supervised field trial data.
VB	0040 Brassica vegetables	7	6	01	35,36		Resulting from consideration of methomyl+thiodicarb supervised field trial data. The information provided

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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			6	01	35,36		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. Confirmed (2001 JMPR)
AB	0001	Citrus pulp, Dry	3			6	01	35,36		
VP	0526	Common bean (pods and/or immature seeds)	1			CXL	01	35,36	2004	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.
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) [except cattle]	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			6	01	36		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			6	01	35,36		Resulting from consideration of methomyl supervised field trial data. The information provided to the JMPR precludes an estimate that the dietary

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Code	Commodity	MRL	Notes	Regulation	Year	Reference	Justification
							intake would be below the acute RfD (2001 JMPR)
VL	0053 Leafy vegetables	30		6	01	35,36	Resulting from consideration of methomyl+thiodicarb supervised field trial data.
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.
AF	0645 Maize forage	50		CXL	01	35,36	2004 Resulting from consideration of methomyl+thiodicarb 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) [except cattle]	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.
ML	0106 Milks	0.02	(*)	CXL			1991
AM	0738 Mint hay	2		CXL	01	36	1991 Withdrawal recommended (2001 JMPR). Retained under 4 year periodic review procedure as new data had already been submitted to the JMPR (36-124)
AM	0738 Mint hay	0.5		3	04	37	
FS	0245 Nectarine	0.2		CXL	01	35,36	2004 Resulting from consideration of methomyl supervised field trial data.
GC	0647 Oats	0.02	(*)	CXL	01	35,36	2004 Resulting from consideration of methomyl supervised field trial data.
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)	10	fresh	CXL			1991
AL	0528 Pea vines (green)	40		6	01	35,36	Resulting from consideration of methomyl supervised field trial data.
FS	0247 Peach	0.2		CXL	01	35,36	2004 Resulting from consideration of methomyl supervised field trial data.
FP	0230 Pear	0.3		6	01	35,36	Resulting from consideration of methomyl

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supervised field trial data. The 36th CCPR decided to return the proposals for the draft MRLs to Step 6 because of acute intake concerns (122).

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	1		CXL	01	36		1991	Withdrawal recommended (2001 JMPR). Retained under 4 year periodic review procedure (124)
VO	0051	Peppers	0.7		3	04	37			
FS	0014	Plums (including prunes)	1		CXL	01	35,36		2004	Resulting from consideration of methomyl supervised field trial data.
FP	0009	Pome fruits	2		CXL				1991	
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.
AV	0495	Rape seed forage	0.2		CXL	01	35,36		2004	
SO	0495	Rape seed	0.05		CXL	01	35,36		2004	Resulting from consideration of thiodicarb supervised field trial data.
AF	0651	Sorghum forage (green)	1		CXL				1991	Resulting from consideration of methomyl supervised field trial data. Confirmed (2001 JMPR)
VD	0541	Soya bean (dry)	0.2		CXL					Based on thiodicarb use Resulting from consideration of thiodicarb supervised field trial data. Confirmed (2001 JMPR)
AL	0541	Soya bean fodder	0.2		CXL	01	35,36		2004	Resulting from consideration of methomyl supervised field trial data.
AL	1265	Soya bean forage (green)	10		CXL				1991	
AL	1265	Soya bean forage (green)	40		6	01	35,36			Resulting from consideration of methomyl supervised field trial data.
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	

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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.
VO	0447	Sweet corn (corn-on-the-cob)	2	CXL			1991	Based on thiodicarb use Resulting from consideration of thiodicarb supervised field trial data. Confirmed (2001 JMPR). The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD (2001 JMPR)
VO	0448	Tomato	1	CXL			1991	Based on thiodicarb use Resulting from consideration of thiodicarb supervised field trial data. Confirmed (2001 JMPR). The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD. (2001 JMPR)
VC	0432	Watermelon	0.2	CXL			1991	To be replaced by MRL for cucurbits, fruiting vegetables (2001 JMPR)
GC	0654	Wheat	0.5	CXL			1991	
GC	0654	Wheat	2	6	01	35,36		Resulting from consideration of methomyl supervised field trial data.
CM	0654	Wheat bran, Unprocessed	3	6	01	35,36		
CF	1211	Wheat flour	0.03	6	01	35,36		
CF	1210	Wheat germ	2	6	01	35,36		
AS	0654	Wheat straw and fodder, Dry	5	CXL			1991	

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95 Acephate

Main Uses 8 Insecticide

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

ADI 0.01 mg/kg body weight (2002)

AcuteRfD 0.05 mg/kg body weight (2002)

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

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).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AL	1021 Alfalfa forage (green)	10	fresh	CXL			Withdrawal recommended (JMPR 2003)
VS	0620 Artichoke, Globe	0.3		6	2003	36	
VP	0061 Beans, except broad bean and soya bean	5		6	2003	36	The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below.
VB	0400 Broccoli	2		CXL		1999	Withdrawal recommended (JMPR 2003)
VB	0041 Cabbages, Head	2		CXL		1999	Withdrawal recommended (JMPR 2003)
MF	0812 Cattle fat	0.1		CXL			Withdrawal recommended (JMPR 2003)
MM	0812 Cattle meat	0.1		CXL			Withdrawal recommended (JMPR 2003)
VB	0404 Cauliflower	2		CXL		1999	Withdrawal recommended (JMPR 2003)
SO	0691 Cotton seed	2		CXL			Withdrawal recommended (JMPR 2003)
MO	0105 Edible offal (mammalian) [except cattle]	0.05		6	03	36	
PE	0112 Eggs	0.1		CXL			
PE	0112 Eggs	0.01 (*)		6	03	36	Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR
VB	0042 Flowerhead brassicas	2		6	03	36	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.
							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

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VL	0482 Lettuce, Head	5	CXL			intake would be below the acute RfD for general population.
FC	0003 Mandarins	7	6	03	36	Withdrawal recommended (JMPR 2003)
						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.
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	6	03	36	
ML	0106 Milks	0.1	CXL			
ML	0106 Milks	0.02	6	03	36	
FS	0245 Nectarine	2	6	03	36	The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below.
FS	0247 Peach	2	6	03	36	The information provided precludes an estimate that the dietary intake would be below the acute RfD for children six years and below.
VO	0051 Peppers	5	6	03	36	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.
MF	0818 Pig fat	0.1	CXL	03	36	Withdrawal recommended (JMPR 2003)
MM	0818 Pig meat	0.1	CXL	03	36	2003 JMPR: Withdrawal recommended
FP	0009 Pome fruits	7	6	03	36	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.
VR	0589 Potato	0.5	CXL	03		Withdrawal recommended (JMPR 2003)
PF	0111 Poultry fats	0.1	CXL			

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PM	0110	Poultry meat	0.1	CXL			
PM	0110	Poultry meat	0.01(*)	6	03	36	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 (*)	6	03	36	Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR
VD	0541	Soya bean (dry)	0.5	CXL			
VD	0541	Soya bean (dry)	0.3	6	03	36	
VR	0596	Sugar beet	0.1	CXL	03	36	Withdrawal recommended (JMPR 2003)
AV	0596	Sugar beet leaves or tops	10	CXL	03	36	Withdrawal recommended (JMPR 2003)
VO	0448	Tomato	1	CXL	03	36	1999 Withdrawal recommended (JMPR 2003)
FT	0312	Tree tomato	0.5	CXL	03	36	Withdrawal recommended (JMPR 2003)

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96 Carbofuran

Main Uses 8 Insecticide

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

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

AcuteRfD 0.009 mg/kg body weight (2004)

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

Note The 1999 JMPR concluded that a group MRL for citrus fruits could not be recommended since there was no registered use of carbofuran on citrus fruits and there were registered uses for carbosulfan solely on oranges and mandarins.

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).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	10		CXL			1999	
AL	1021 Alfalfa forage (green)	10		CXL			2001	
FI	0327 Banana	0.1	(*)	CXL				Confirmed (1997 JMPR).
VC	4199 Cantaloupe	0.2		6	97	33,36 31		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		6	97	33,36 31		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	0.1	(*)	CXL	97	31		Withdrawal recommended (1997 JMPR). Retained for 4 years under the Periodic Review Procedure (31.76)
GC	0645 Maize	0.05*		6	03	36		2003 JMPR : the estimates for carbofuran results from the use of carbosulfan. Previous JMPR - Withdrawal recommended.
AF	0645 Maize forage	0.2		6	03	36		2003 JMPR : the estimates for carbofuran results from the use of carbosulfan
FC	0206 Mandarin	0.5		6	99	33,36		Based on the use of carbosulfan.

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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		6	97	33	31,36		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		6	03				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).
AF	0651	Sorghum forage (green)	2		CXL					2001
AS	0651	Sorghum straw and fodder, Dry	0.5		CXL					2001
VC	0431	Squash, Summer	0.3		6	97		33,36 31		Returned to Step 6 due to intake concerns (36-130).
VR	0596	Sugar beet	0.2		6	03		36		
AV	0596	Sugar beet leaves or tops	0.3		6	03		36		
GS	0659	Sugar cane	0.1	(*)	CXL					Confirmed (1997 JMPR).
SO	0702	Sunflower seed	0.1	(*)	CXL				1999	
VO	0447	Sweet corn (corn-on-the-cob)	0.1		6	97		33,36 31		Confirmed (1999 JMPR). India would submit data to support a review of the exsisting CXL for sugar cane (36-134).

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100 Methamidophos

Main Uses 8 Insecticide

JMPR 76, 79R, 81R, 82, 84R, 85T, 89R, 90, 94R, 96R, 97R, 02T',03

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

AcuteRfD 0.01 mg/kg body weight (2002)

RESIDUE Methamidophos.

Methamidophos is a metabolite of (95) acephate for which separate MRLs are recommended.

Note The Committee asked JMPR for clarification of cucumber proposal and decided to reconsider it at 37th Session (36-137).

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1021 Alfalfa forage (green)	2	CXL	03			Based on treatment with acephate. 2003 JMPR: Withdrawal recommended
VS	0620 Artichoke, Globe	0.2(Ac)	6	03	36		
VP	0061 Beans, except broad bean and soya bean	1(Ac)	6	03	36		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.
VB	0041 Cabbages, Head	0.5	CXL			1999	Based on treatment with methamidophos or
VB	0041 Cabbages, Head	1	6	03	36		Previous MRL: 0.5
MF	0812 Cattle fat	0.01 (*)	CXL	03	36		2003 JMPR: Withdrawal recommended
MM	0812 Cattle meat	0.01 (*)	CXL	03	36		2003 JMPR: Withdrawal recommended
VB	0404 Cauliflower	0.5	CXL	03	36	1999	Based on treatment with methamidophos or acephate. 2003 JMPR: Withdrawal recommended
SO	0691 Cotton seed	0.1	CXL			1997	Including residues resulting from the use of
SO	0691 Cotton seed	0.2	6	03	36		Previous MRL: 0.1
VC	0424 Cucumber	1	CXL	04	36	1991	2004 JMPR: Withdrawal recommended
MO	0105 Edible offal (mammalian) [except cattle]	0.01 (*)	6	03	36		
PE	0112 Eggs	0.01 (*)	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR 2003.
VB	0042 Flowerhead brassicas	0.5(Ac)	6	03	36		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

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						be below the acute RfD for acephate, see acephate.
AM	1051 Fodder beet	30		6	03	36
AV	1051 Fodder beet leaves or tops	0.02		6	03	36
MF	0814 Goat fat	0.01	(*)	CXL	03	36
MM	0814 Goat meat	0.01	(*)	CXL	03	36
VL	0482 Lettuce, Head	1		CXL	03	36
FC	0003 Mandarins	0.5(Ac)		6	03	36
						2003 JMPR: Withdrawal recommended
						2003 JMPR: Withdrawal recommended
						1991 2003 JMPR: Withdrawal recommended
						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) [except cattle]	0.01	(*)	6	03	36
ML	0106 Milks	0.01	(*)	CXL		36
ML	0106 Milks	0.02		6	03	36
FS	0245 Nectarine	0.5(Ac)		6	03	36
						Previous MRL 0.01*
						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)		6	03	36
						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)		6	03	36
VO	0444 Peppers, Chili	2		CXL	03	36
VO	0445 Peppers, Sweet	1		CXL	03	36
MF	0818 Pig fat	0.01	(*)	CXL	03	36
MM	0818 Pig meat	0.01	(*)	CXL	03	36
FP	0009 Pome fruits	0.5(Ac)		6	03	36
						1993 2003 JMPR: Withdrawal recommended
						1993 2003 JMPR: Withdrawal recommended
						2003 JMPR: Withdrawal recommended
						2003 JMPR: Withdrawal recommended
						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

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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			1997	Including residues resulting from the use of
VR	0589	Potato	0.05		6	03	36		Previous MRL: 0.05
PM	0110	Poultry meat	0.01	(*)	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with acephate as evaluated by 2003 JMPR.
PO	0111	Poultry, Edible offal of	0.01	(*)	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with acephate residues as evaluated by JMPR 2003.
MF	0822	Sheep fat	0.01	(*)	CXL	03	36		2003 JMPR: Withdrawal recommended
MM	0822	Sheep meat	0.01	(*)	CXL	03	36		2003 JMPR: Withdrawal recommended
VD	0541	Soya bean (dry)	0.05		CXL			1991	Based on treatment with acephate.
VD	0541	Soya bean (dry)	0.1(Ac)		6	03	36		
VR	0596	Sugar beet	0.05		CXL			1991	
VR	0596	Sugar beet	0.02		6	03	36		
AV	0596	Sugar beet leaves or tops	1		CXL			1991	
AV	0596	Sugar beet leaves or tops	30		6	0.3	36		
VO	0448	Tomato	2		6	03	36		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD.
FT	0312	Tree tomato	0.01	(*)	CXL	03	36		Based on treatment with acephate. 2003 JMPR: Withdrawal recommended

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101 Pirimicarb

Main Uses 2 Aphicide

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

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

AcuteRfD 0.1 mg/kg body weight (2004)

RESIDUE Sum of pirimicarb, demethyl-pirimicarb and N-formyl-(methylamino) analogue (dimethyl-formamido-pirimicarb).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AL	1020 Alfalfa fodder	20	dry wt	CXL				
AL	1021 Alfalfa forage (green)	50	dry wt	CXL				
GC	0640 Barley	0.05	(*)	CXL				
VP	0062 Beans, Shelled	0.1		CXL				
VR	0574 Beetroot	0.05	(*)	CXL				
VB	0400 Broccoli	1		CXL				
VB	0402 Brussels sprouts	1		CXL				
VB	0041 Cabbages, Head	1		CXL				
VB	0404 Cauliflower	1		CXL				
VS	0624 Celery	1		CXL				
FC	0001 Citrus fruits	0.05	(*)	CXL				Except oranges.
VP	0526 Common bean (pods and/or immature seeds)	1		CXL				
SO	0691 Cotton seed	0.05	(*)	CXL				
VC	0424 Cucumber	1		CXL				
FB	0278 Currant, Black	0.5		CXL				
VO	0440 Egg plant	1		CXL				
PE	0112 Eggs	0.05	(*)	CXL				
VL	0476 Endive	1		CXL				
VC	0425 Gherkin	1		CXL				
VB	0405 Kohlrabi	0.5		CXL				
VA	0384 Leek	0.5		CXL				
VL	0482 Lettuce, Head	1		CXL				
MM	0095 Meat (from mammals other than marine mammals)	0.05	(*)	CXL				

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[except cattle]

ML	0106	Milks	0.05	(*)	CXL
GC	0647	Oats	0.05	(*)	CXL
VA	0385	Onion, Bulb	0.5		CXL
FC	0004	Oranges, Sweet, Sour	0.5		CXL
HH	0740	Parsley	1		CXL
VR	0588	Parsnip	0.05	(*)	CXL
FS	0247	Peach	0.5		CXL
VP	0063	Peas (pods and succulent=immature seeds)	0.2		CXL
TN	0672	Pecan	0.05	(*)	CXL
VO	0444	Peppers, Chili	2		CXL
VO	0445	Peppers, Sweet	1		CXL
FS	0014	Plums (including prunes)	0.5		CXL
FP	0009	Pome fruits	1		CXL
VR	0589	Potato	0.05	(*)	CXL
VR	0494	Radish	0.05	(*)	CXL
SO	0495	Rape seed	0.2		CXL
FB	0272	Raspberries, Red, Black	0.5		CXL
VL	0502	Spinach	1		CXL
FB	0275	Strawberry	0.5		CXL
VR	0596	Sugar beet	0.05	(*)	CXL
VO	0447	Sweet corn (corn-on-the- cob)	0.05	(*)	CXL
VO	0448	Tomato	1		CXL
VR	0506	Turnip, Garden	0.05	(*)	CXL
VL	0473	Watercress	1		CXL
GC	0654	Wheat	0.05	(*)	CXL

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102 Maleic Hydrazide

Main Uses 16 Plant Growth Regulator

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

ADI 0.3 mg/kg body weight (1996)

RESIDUE Maleic hydrazide.

Note The 1998 JMPR changed the residue definition.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

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103 Phosmet

Main Uses 8 Insecticide

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

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

AcuteRfD 0.2 mg/kg body weight (2003)

RESIDUE Phosmet.

Note 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).

Commodity

Code	Name	MRL	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	6	97	33,36 31		Returned to Step 6 due to acute intake concerns (36-138)
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	6	02	35,36		Returned to Step 6 due to acute intake concerns (36-138).
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	6	02	35,36		Returned to Step 6 due to acute intake concerns (36-138).
SO	0691 Cotton seed	0.05	CXL			2001	
FB	0269 Grapes	10	CXL				Confirmed (1997 JMPR).
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	6	02	35,36		Returned to Step 6 due to acute intake concerns (36-138)
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	6	02	35,36		The information provided to the JMPR precludes an estimate that the dietary intake would be below the acuteRfD (2002 JMPR).

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VR	0589	Potato	0.05	(*)	CXL		2001	
TN	0085	Tree nuts	0.2		CXL	02	35,36	2004

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105 Dithiocarbamates

Main Uses 5 Fungicide

JMPR 65T, 67, 70, 74, 77, 83R, 84R, 85R, 87T, 88R, 90R, 92T, 93', 95R, 96', 05'

ADI (1)

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 JMPR 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 JMPR 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 JMPR (CX/PR 03/18, Agenda Item 18). The Committee agreed that the JMPR "... 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).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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			3	04	37		Source of data: propineb 2004 JMPR: 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,	25	C, n	CXL			1999	Source of data: mancozeb, maneb
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		3	04	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	CXL			1999	Source of data: maneb, mancozeb

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VC	0424	Cucumber	2		c, N, p	3	04	37	
VC	0424	Cucumber	1			3	04	37	Source of data: propineb
FB	0021	Currants, Black, Red, White	10		C, m	CXL			1999 Source of data: mancozeb, metiram
MO	0105	Edible offal (mammalian) [except cattle]	0.1		C, m	CXL			1999 Source of data: mancozeb, metiram
MO	0105	Edible offal (mammalian) [except cattle]	0.1		C, m, p	3	04		Source of data: ferbam
MO	0105	Edible offal (mammalian) [except cattle]	0.05	(*)		3	04	37	Source of data: propineb
PE	0112	Eggs	0.05	(*)	c	CXL			1999 Source of data: mancozeb
PE	0112	Eggs	0.05	(*)	C, p	3	04		Source of data: ferbam
PE	0112	Eggs	0.01	(*)		3	04		Source of data: propineb
VA	0381	Garlic	0.5		c	CXL			1999 Source of data: mancozeb
FB	0269	Grapes	5		C, m, n, p	CXL			Source of data: mancozeb, metiram, maneb, propineb Confirmed (1993 JMPR). JMPR 2004: Withdrawal recommended
FB	0269	Grapes	5		C, m, n, p	3	04		Source of data: propineb The information provided to the JMPR precludes an estimate that the dietary intake would be below the interim ARfD for 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	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) [except cattle]	0.05	(*)	c, m	CXL			1999 Source of data: mancozeb, metiram
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	c, m, p	3	04		Source of data: propineb
VC	0046	Melons, except watermelon	0.5		C, p	CXL	04		1999 Source of data: mancozeb, propineb 2004 JMPR: Withdrawal recommended

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VC	0046	Melons, except watermelon	0.5			C	3	04	Source of data: thiram
ML	0106	Milks	0.05	(*)		c, m	CXL		1999 Source of data: mancozeb, metiram
ML	0106	Milks	0.05	(*)		c, m, p	3	04	Source of data: thiram
VA	0385	Onion, Bulb	0.5			C, p	CXL		1999 Source of data: mancozeb, propineb
VA	0385	Onion, Bulb					3	04	Source of data: propineb 2004 JMPR: Withdrawal recommended
VA	0385	Onion, Bulb	0.5			C	3	04	Source of data: ziram
VA	0389	Onion, Spring	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
FP	0230	Pear					3	04	Source of data: propineb 2004 JMPR: Withdrawal recommended
TN	0672	Pecan	0.1	(*)	T	Z	CXL		2001 Source of data: ziram
TN	0672	Pecan	0.1	(*)		Z	3	04	Source of data: ziram
VO	0445	Peppers, Sweet	1			c, n	CXL		1999 Source of data: mancozeb, maneb
VO	0445	Peppers, Sweet	7			c, m, P	3	04	Source of data: ziram
VO	0445	Peppers, Sweet	7				3	04	Source of data: propineb
FP	0009	Pome fruits	5			C, M, p, H, Z	CXL		1999 Source of data: mancozeb, metiram, thiram, ziram, propineb
FP	0009	Pome fruits	5			C, M, H, Z	3	04	Source of data: ziram
VR	0589	Potato	0.2			c, m, n, p	CXL		1999 Source of data: mancozeb, maneb, metiram
VR	0589	Potato	0.2			c, m, n, p	3	04	Source of data: ziram
VR	0589	Potato	0.1				3	04	Source of data: propineb
PM	0110	Poultry meat	0.1			c	CXL		1999 Source of data: mancozeb
PM	0110	Poultry meat	0.05	(*)			3	04	Source of data: propineb
PM	0110	Poultry meat	0.1			c, p	3	04	Source of data: ziram
PO	0111	Poultry, Edible offal of	0.1			c	CXL		1999 Source of data: mancozeb
PO	0111	Poultry, Edible offal of	0.05	(*)			3	04	Source of data: propineb

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PO	0111	Poultry, Edible offal of	0.1		c, p	3	04	Source of data: ziram
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	T	h, Z	CXL		2001 Source of data: thiram, ziram
FS	0012	Stone fruits	7		h, p, Z	3	04	Source of data: 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
AV	0596	Sugar beet leaves or tops	20		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	5		C, m, n, p	CXL		1999 Source of data: mancozeb, metiram, maneb,
VO	0448	Tomato	2			3	04	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

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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		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,	5		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	
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	

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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

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109 Fenbutatin Oxide

Main Uses 1 Acaricide

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

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

RESIDUE Fenbutatin oxide.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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) [except cattle]	0.2	CXL			1997	
PE	0112 Eggs	0.05	CXL			1995	
AB	0269 Grape pomace, Dry	100	CXL			1995	
FB	0269 Grapes	5	CXL				Confirmed (1993 JMPR).
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05 (*)	CXL			1995	
ML	0106 Milks	0.05 (*)	CXL			1995	
FS	0247 Peach	7	CXL				Confirmed (1993 JMPR).
TN	0672 Pecan	0.5	CXL			1995	
FS	0014 Plums (including prunes)	3	CXL				Confirmed (1993 JMPR).
FP	0009 Pome fruits	5	CXL			1995	
DF	0014 Prunes	10	CXL			1997	
DF	5263 Raisins	20	CXL			1997	
FB	0275 Strawberry	10	CXL			1995	
VO	0448 Tomato	1	CXL				Confirmed (1993 JMPR).

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TN 0678 Walnuts

0.5

CXL

1997

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110 Imazalil

Main Uses 5 Fungicide

JMPR 77, 80, 84, 85, 86T, 88R, 89R, 91T, 94R, 00T, 01T

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

RESIDUE Imazalil.

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

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111 Iprodione

Main Uses 5 Fungicide

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

ADI 0.06 mg/kg body weight (1995)

RESIDUE Iprodione.

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

Commodity

Code	Name	MRL		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	Po	CXL			1997	
FS	0013 Cherries	10		CXL			1997	
VP	0526 Common bean (pods and/or immature seeds)	2		CXL			1997	
VC	0424 Cucumber	2		CXL			1997	
FB	0269 Grapes	10		CXL				Confirmed (1994 JMPR).
FI	0341 Kiwifruit	5		CXL				Confirmed (1994 JMPR).
VL	0482 Lettuce, Head	10		CXL				Confirmed (1994 JMPR).
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	Po	CXL			1997	
SO	0495 Rape seed	0.5		CXL			1997	
FB	0272 Raspberries, Red, Black	30		CXL			1997	
CM	0649 Rice, Husked	10		CXL			1997	
FB	0275 Strawberry	10		CXL				Confirmed (1994 JMPR).
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		Retained for 4 years under the Periodic Review Procedure (28.65). Retained beyond the 4-year period as new indoor trials were being conducted and

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would be available for review by 2000 subject to scheduling for JMPR evaluation (31.86) The CCPR-32 agreed to retain the MRL further in view of residue evaluation by the 2001 JMPR (32.122). Confirmed (2001 JMPR).

VS 0469 Witloof chicory (sprouts) 1

CXL

Confirmed (1994 JMPR).

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112 Phorate

Main Uses 8 Insecticide

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

ADI 0-0.0007 mg/kg body weight 2004

AcuteRfD 0.003 mg/kg body weight (2004)

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

Note Former ADI (1994; confirmed 1996). Residue definition changed in 2004.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
VP	0526 Common bean (pods and/or immature seeds)	0.1		CXL				
SO	0691 Cotton seed	0.05		CXL				
MO	0105 Edible offal (mammalian) [except cattle]	0.01	(*)	3	04			No residues expected from consumption of feed commodities with pimiphos-metyl residues, as evaluated by 2004 JMPR
PE	0112 Eggs	0.05	(*)	CXL				
PE	0112 Eggs	0.01		3	04			
AM	1051 Fodder beet	0.05		CXL				
GC	0645 Maize	0.05	(*)	CXL			1995	
AS	0645 Maize fodder	0.2		CXL			1991	
AF	0645 Maize forage	0.2		CXL			1993	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	CXL				
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.01	(*)	3	04			No residues expected from consumption of feed commodities with pimiphos-metyl residues, as evaluated by 2004 JMPR
ML	0106 Milks	0.05	(*)	CXL			1991	
SO	0697 Peanut	0.1		CXL			1993	
OC	0697 Peanut oil, Crude	0.05	(*)	CXL			1993	
OR	0697 Peanut oil, Edible	0.05	(*)	CXL			1993	
VR	0589 Potato	0.2		CXL			1999	
PM	0110 Poultry meat	0.01	(*)	3	04			No residues expected from consumption of feed commodities with pimiphos-metyl residues, as evaluated by 2004 JMPR

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PO	0111	Poultry, Edible offal of	0.01	(*)	3	04	No residues expected from consumption of feed commodities with pimiphos-metyl residues, as evaluated by 2004 JMPR
GC	0651	Sorghum	0.05		CXL		
VD	0541	Soya bean (dry)	0.05		CXL		
VR	0596	Sugar beet	0.05		CXL	1991	
AV	0596	Sugar beet leaves or tops	1		CXL	1991	
VO	0447	Sweet corn (corn-on-the-cob)	0.05		CXL	1995	
GC	0654	Wheat	0.05		CXL		

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113 Propargite

Main Uses 1 Acaricide

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

ADI 0.01 mg/kg body weight (1999)

RESIDUE Propargite (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	
FS	0240 Apricot	7		CXL				To be replaced by the MRL for stone fruits (2002 JMPR).
VD	0071 Beans (dry)	0.2		CXL	02	36		Withdrawal recommended (2002 JMPR). Retained under 4 years of periodic review procedure (36-141).
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) [except cattle]	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			Confirmed (2002 JMPR)
FB	0269 Grapes	7		CXL	02	35,36	2004	
DH	1100 Hops, Dry	100		CXL	02	35,36	2004	
GC	0645 Maize	0.1	(*)	CXL	02			Confirmed (2002 JMPR)
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	

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[except cattle]								
ML	0106 Milks	0.1	(*)	F	CXL 02	35,36	2004	
FS	0245 Nectarine	7			CXL			To be replaced by the MRL for stone fruits (2002 JMPR).
JF	0004 Orange juice	0.3			CXL 02	35,36	2004	
FS	0247 Peach	7			CXL			To be replaced by the MRL for stone fruits (2002 JMPR).
SO	0697 Peanut	0.1	(*)		CXL 02			Confirmed (2002 JMPR)
OC	0697 Peanut oil, Crude	0.3			CXL 02	35,36	2004	
OR	0697 Peanut oil, Edible	0.3			CXL 02	35,36	2004	
FP	0230 Pear	5			CXL 02	36		Withdrawal recommended (2002 JMPR). Retained under 4 years of periodic review procedure (36-141).
FS	0014 Plums (including prunes)	7			CXL			To be replaced by the MRL for stone fruits (2002 JMPR)
VR	0589 Potato	0.1	(*)		CXL 02	36		Withdrawal recommended (2002 JMPR). Retained under 4 years of periodic review procedure (36-141).
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	
FB	0275 Strawberry	7			CXL 02	36		Withdrawal recommended (2002 JMPR). Retained under 4 years of periodic review procedure (36-141).
DT	1114 Tea, Green, Black	5			CXL 02	35,36	2004	
VO	0448 Tomato	2			CXL 02			Confirmed (2002 JMPR).
TN	0678 Walnuts	0.1	(*)		CXL 02	36		Withdrawal recommended (2002 JMPR). Retained under 4 years of periodic review procedure (36-141).

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115 Tecnazene

Main Uses 5 Fungicide

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

ADI 0.02 mg/kg body weight (1994)

RESIDUE Tecnazene.

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
VR	0589 Potato	20	Po	CXL				1997 Washed before analysis.

- Part.A1 -

116 Triforine

Main Uses 5 Fungicide

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

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

RESIDUE Determined as chloral hydrate and expressed as triforine.

Note The MRLs for all commodities, except tree tomato, will be supported (32.124).

Commodity

Code	Name	MRL	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 immature seeds)	1	CXL				
FB	0021 Currants, Black, Red, White	1	CXL				
VC	0045 Fruiting vegetables, Cucurbits	0.5	CXL				
FB	0268 Gooseberry	1	CXL				
FS	0247 Peach	5	CXL		Po		
FS	0014 Plums (including prunes)	2	CXL				
FB	0275 Strawberry	1	CXL				
VO	0448 Tomato	0.5	CXL				

- Part.A1 -

117 Aldicarb

Main Uses 8 Insecticide

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

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.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FI	0327 Banana	0.2	6	01	35,36		Returned to Step 6 because of acute intake concerns (36-143).
GC	0640 Barley	0.02	CXL			1997	
AS	0640 Barley straw and fodder,	0.05	CXL			1997	
VD	0071 Beans (dry)	0.1	CXL				Confirmed (1994 JMPR).
VB	0402 Brussels sprouts	0.1	CXL			1997	
FC	0001 Citrus fruits	0.2	CXL			1991	Confirmed (1994 JMPR).
SB	0716 Coffee beans	0.1	CXL				Confirmed (1994 JMPR).
SO	0691 Cotton seed	0.1	CXL				Confirmed (1994 JMPR).
OR	0691 Cotton seed oil, Edible	0.01 (*)	CXL			1997	
FB	0269 Grapes	0.2	CXL			1997	
GC	0645 Maize	0.05	CXL				Confirmed (1994 JMPR).
AS	0645 Maize fodder	0.5	CXL			1997	
AF	0645 Maize forage	0.5	CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.01 (*)	CXL				Confirmed (1994 JMPR).
ML	0106 Milks	0.01 (*)	CXL				Confirmed (1994 JMPR).
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	
VR	0589 Potato	0.5	CXL			1995	
VR	0589 Potato	0.5	6(a)	96, 01	33,36 30		The 1996 JMPR converted the previous temporary status to full status. Confirmed (2001 JMPR). Returned to Step 6 because of acute intake concerns (36-143).

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GC	0651 Sorghum	0.1		CXL	1997
AS	0651 Sorghum straw and fodder, Dry	0.5		CXL	Confirmed (1994 JMPR).
VD	0541 Soya bean (dry)	0.02	(*)	CXL	Confirmed (1994 JMPR).
VR	0596 Sugar beet	0.05	(*)	CXL	Confirmed (1994 JMPR).
AV	0596 Sugar beet leaves or tops	1		CXL	Confirmed (1994 JMPR).
GS	0659 Sugar cane	0.1		CXL	1997
SO	0702 Sunflower seed	0.05	(*)	CXL	1997
VR	0508 Sweet potato	0.1		CXL	Confirmed (1994 JMPR).
GC	0654 Wheat	0.02		CXL	1997
AS	0654 Wheat straw and fodder, Dry	0.05		CXL	1997

- Part.A1 -

118 Cypermethrin

Main Uses 8 Insecticide

JMPR 79, 81, 82R, 83R, 84R, 85R, 86R, 88R, 90R (04R')

ADI 0.05 mg/kg body weight (1981; confirmed by JECFA in 1996)

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

Note Cypermethrin and alpha-cypermethrin have been evaluated by JECFA at its 47th (1996) and 54th (2000) meetings. The 47th JECFA proposed a number of temporary MRLs for these substances arising from their veterinary uses, which were advanced by the CCRVDF to Step 8. The CAC-23 agreed to hold them at Step 8 and requested the JMPR/CCPR and JECFA/CCRVDF to work on harmonization. The CCRVDF-12 (2000) agreed to withdraw these temporary MRLs in accordance with the recommendation of the 54th JECFA which did not extend these temporary MRLs as data required had not been submitted.

Code	Commodity Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1021 Alfalfa forage (green)	5	dry wt	CXL				
GC	0640 Barley	0.5		CXL				
VP	0062 Beans, Shelled	0.05	(*)	CXL				
FB	0018 Berries and other small	0.5		CXL			1991	
VB	0040 Brassica vegetables	1		CXL				
FS	0013 Cherries	1		CXL				
FC	0001 Citrus fruits	2		CXL				
SB	0716 Coffee beans	0.05	(*)	CXL				
VP	0526 Common bean (pods and/or immature seeds)	0.5		CXL				
VC	0424 Cucumber	0.2		CXL				
MO	0105 Edible offal (mammalian) [except cattle]	0.05	(*)	CXL				The MRL accommodates external animal treatment.
VO	0440 Egg plant	0.2		CXL				
PE	0112 Eggs	0.05	(*)	CXL				
VL	0480 Kale	1		CXL				
VA	0384 Leek	0.5		CXL				
VL	0482 Lettuce, Head	2		CXL				
GC	0645 Maize	0.05	(*)	CXL				
AS	0645 Maize fodder	5	dry wt	CXL				
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.2	(fat)	CXL				The MRL accommodates external animal treatment.

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ML	0106 Milks	0.05	F	CXL
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, Dry	5		CXL

The MRL accommodates external animal treatment.

- Part.A1 -

119 Fenvalerate

Main Uses 8 Insecticide

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

ADI 0.02 mg/kg body weight (1986)

RESIDUE Fenvalerate (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	1		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) [except cattle]	0.02		CXL				
VL	0480 Kale	10		CXL				
FI	0341 Kiwifruit	5		CXL				
VL	0482 Lettuce, Head	2		CXL				
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	1	(fat)	CXL				

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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

- Part.A1 -

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)

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 ration of 80:20) was used for veterinary applications, it did not make any proposals on ADI or MRLs.

Code	Commodity Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1020 Alfalfa fodder	100	dry wt	CXL				
TN	0660 Almonds	0.1		CXL				
AB	0226 Apple pomace, Dry	50		CXL				
VS	0621 Asparagus	1		CXL				
VD	0071 Beans (dry)	0.1		CXL				
FB	0264 Blackberries	1		CXL				
VB	0400 Broccoli	2		CXL				
VB	0402 Brussels sprouts	1		CXL				
VB	0403 Cabbage, Savoy	5		CXL				
VB	0041 Cabbages, Head	5		CXL				
VR	0577 Carrot	0.1		CXL				
VB	0404 Cauliflower	0.5		CXL				
VS	0624 Celery	2		CXL				
GC	0080 Cereal grains	2	Po	CXL				
VL	0467 Chinese cabbage (type pe-tsai)	5		CXL				
FC	0001 Citrus fruits	0.5		CXL				
SB	0716 Coffee beans	0.05	(*)	CXL				
VP	0526 Common bean (pods and/or immature seeds)	1		CXL				
SO	0691 Cotton seed	0.5		CXL				
OR	0691 Cotton seed oil, Edible	0.1		CXL				
VC	0424 Cucumber	0.5		CXL				

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FB	0021	Currants, Black, Red, White	2		CXL	
FB	0266	Dewberries (including boysenberry and loganberry)	1		CXL	
MO	0105	Edible offal (mammalian) [except cattle]	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	Kiwifruit	2		CXL	
VB	0405	Kohlrabi	0.1		CXL	
VA	0384	Leek	0.5		CXL	
VL	0482	Lettuce, Head	2		CXL	
AS	0645	Maize fodder	100	dry wt	CXL	
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	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	0.5		CXL	
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	

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

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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		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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	

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126 Oxamyl

Main Uses 8 Insecticide

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

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).

Commodity

Code	Name	MRL		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		6	02	35,36		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		6	02	35,36		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	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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		6	02	35,36		Returned to Step 6 because of acute intake problems (36-145).
ML	0106 Milks	0.02	(*)	CXL	02	35,36	2004	

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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		6	02	35,36	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
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
VR	0075 Root and tuber vegetables	0.1		CXL			To be replaced by the MRLs for carrot and potato (2002 JMPR)
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).

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129 Azocyclotin

Main Uses 1 Acaricide

JMPR 79R, 81T, 82R, 83R, 85R, 89, 91R, 94T (03T')(04R')

ADI 0.007 mg/kg body weight (1994)

RESIDUE Sum of azocyclotin and cyhexatin, expressed as cyhexatin.

See also (67) 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 prunes) and maintained the CXLs for citrus fruits, grapes, meat (from mammals other than marine mammals), milk products and milks (33-152)

Commodity		MRL	Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name							
FP	0226 Apple	2	7C	82, 89, 91	33	26		Not adopted at Step 8 by the CAC-20. The CCPR requested information about the availability of residue data to support a re-evaluation by a future JMPR (26.234). Support confirmed (32.129).
FC	0001 Citrus fruits	2	CXL				1993	
FB	0269 Grapes	0.2	CXL				1993	Support confirmed (32.129)
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.2	CXL				1993	
AO3	0001 Milk products	0.05 (*)	CXL				1993	The MRL accommodates external animal treatment.
ML	0106 Milks	0.05 (*)	CXL				1993	The MRL accommodates external animal treatment.
FS	0245 Nectarine	1	7C	91	32	26		The CCPR requested information on the availability of residue data to support a re-evaluation by a future JMPR (26.234).
FS	0247 Peach	1	7C	91	32	26		Not adopted at Step 8 by the CAC-20. The CCPR requested information on the availability of residue data to support a re-evaluation by a future JMPR (26.234).
FP	0230 Pear	2	7C	91	32	26		Not adopted at Step 8 by the CAC-20. The CCPR requested information on the availability of residue data to support a re-evaluation by a future JMPR (26.234).
FS	0014 Plums (including prunes)	2	7C	91	32	26		Not adopted at Step 8 by the CAC-20. The CCPR requested information on the availability of residue data to support a re-evaluation by a future JMPR (26.234).

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130 Diflubenzuron

Main Uses 8 Insecticide

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

ADI 0.02 mg/kg body weight (1985)

RESIDUE Diflubenzuron (fat-soluble).

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

Commodity

Code	Name	MRL		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) [except cattle]	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) [except cattle]	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	

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132 Methiocarb

Main Uses 8 Insecticide

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

ADI 0.02 mg/kg body weight (1998)

AcuteRfD 0.02 mg/kg body weight (1998)

RESIDUE Sum of methiocarb, its sulphoxide and its sulphone, expressed as methiocarb.

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

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
FB	0275 Strawberry	1	CXL	99	34 33	2003	

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133 Triadimefon

Main Uses 5 Fungicide

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

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

AcuteRfD 0.08 mg/kg body weight (2004)

RESIDUE Triadimefon.

See (168) triadimenol for triadimenol MRLs covering uses of triadimefon and triadimenol.

Note 1992 JMPR changed definition of residue. Previous MRLs referred to the sum of triadimefon and triadimenol.

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.5		CXL			1995	
AS	0640 Barley straw and fodder,	2		CXL			1995	
VD	0524 Chick-pea (dry)	0.05	(*)	CXL			1997	
SB	0716 Coffee beans	0.05	(*)	CXL			1997	
FB	0021 Currants, Black, Red, White	0.2		CXL			1997	
PE	0112 Eggs	0.05	(*)	CXL			1997	
AM	1051 Fodder beet	0.05	(*)	CXL			1997	
AV	1051 Fodder beet leaves or tops	0.05	(*)	CXL			1997	
VC	0045 Fruiting vegetables, Cucurbits	0.1		CXL			1997	
FB	0269 Grapes	0.5		CXL			1995	
DH	1100 Hops, Dry	10		CXL			1997	
FI	0345 Mango	0.05	(*)	CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	CXL			1997	
ML	0106 Milks	0.05	(*)	CXL			1997	
AS	0647 Oat straw and fodder, Dry	2		CXL			1995	
GC	0647 Oats	0.1		CXL			1995	
VA	0389 Onion, Spring	0.05	(*)	CXL			1997	
VA	0387 Onion, Welsh	0.05	(*)	CXL			1997	
VP	0063 Peas (pods and succulent=immature seeds)	0.05	(*)	CXL			1997	
VO	0445 Peppers, Sweet	0.1		CXL			1997	

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FI	0353	Pineapple	2	Po	CXL	1997
FP	0009	Pome fruits	0.5		CXL	
PM	0110	Poultry meat	0.05	(*)	CXL	1997
FB	0272	Raspberries, Red, Black	1		CXL	1995
GC	0650	Rye	0.1		CXL	1995
AS	0650	Rye straw and fodder, Dry	2		CXL	1995
FB	0275	Strawberry	0.1		CXL	1997
VR	0596	Sugar beet	0.1	(*)	CXL	
AV	0596	Sugar beet leaves or tops	2		CXL	
VO	0448	Tomato	0.2		CXL	1997
GC	0654	Wheat	0.1		CXL	1995
AS	0654	Wheat straw and fodder, Dry	2		CXL	1995

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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 52nd JECFA estimated the following MRLs arising from veterinary uses (residue definition: deltamethrin): Muscle of cattle, sheep, chickens and salmon, 0.03 mg/kg (No residues were detected. MRLs for guidance only and are based on two times the limit of quantification of the analytical method); Liver of cattle, sheep and chickens, 0.05 mg/kg; Kidney of cattle, sheep and chickens, 0.05 mg/kg; Fat of cattle, sheep and chickens, 0.5 mg/kg; Cattle milk, 0.03 mg/kg (No residues were detected. MRLs for guidance only and are based on two times the limit of quantification of the analytical method); Chicken eggs, 0.03 mg/kg (No residues were detected. MRLs for guidance only and are based on two times the limit of quantification of the analytical method).

The CCRVDF-12 (2000) retained them to Step 4.

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

Code	Commodity Name	MRL		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	
VB	0040 Brassica vegetables	0.1		CXL		36	2004	
VA	0036 Bulb vegetables, except fennel, bulb	0.1		CXL				To be replaced by the MRLs for leek and onion, bulb (2002 JMPR).
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	3536	2004	
PE	0112 Eggs	0.02	(*)	CXL	02	35,36	2004	
VD	0561 Field pea (dry)	1	Po	CXL	02		2004	
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 & sheep	0.03	(*)	CXL	02	35,36	2004	
VL	0053 Leafy vegetables	0.5		CXL				
VL	0053 Leafy vegetables	2		6	02	35,36		The information provided to the JMPR precludes an

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estimate that the dietary intake would be below the acuteRfD (2002 JMPR).

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
MO	0099	Liver of cattle, goats, pigs & sheep	0.03	(*)	CXL	02	35,36	2004
FC	0003	Mandarins	0.02		CXL		36	2004
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	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
FS	0245	Nectarine	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
FC	0004	Oranges, Sweet, Sour	0.02		CXL		36	2004
FS	0247	Peach	0.05		CXL	02	35,36	2004
FS	0014	Plums (including prunes)	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

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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	

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136 Procymidone

Main Uses 5 Fungicide

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

ADI 0.1 mg/kg body weight (1989)

RESIDUE Procymidone.

Commodity							
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
VB	0041 Cabbages, Head	2	CXL			2001	
FS	0013 Cherries	10	CXL			1995	
VP	0526 Common bean (pods and/or immature seeds)	1	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	

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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)

RESIDUE Metalaxyl.

Note Previous ADI, 0.03 mg/kg-bw for metalaxyl (1982).

Commodity

Code	Name	MRL		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				
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	

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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	

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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.

Commodity Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0030 Assorted tropical and sub-tropical fruits - inedible peel	7	Po	3	04	37		
FI	0326 Avocado	5	Po	CXL				
FI	0326 Avocado			3	04			2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
FI	0327 Banana	5	Po	CXL				
FI	0327 Banana			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
GC	0640 Barley	0.5		CXL				
GC	0640 Barley			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
AS	0640 Barley straw and fodder,	15		CXL				
AS	0640 Barley straw and fodder,			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
MF	0812 Cattle fat	0.5		CXL			1993	
MF	0812 Cattle fat			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
MM	0812 Cattle meat	0.1	(*)	CXL			1993	
MM	0812 Cattle meat			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
MO	0812 Cattle, Edible offal of	5		CXL			1993	
MO	0812 Cattle, Edible offal of			3	04	37		2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
GC	0080 Cereal grains	2		3	04	37		
FC	0001 Citrus fruits	10	Po	3	04	37		

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SB	0716	Coffee beans	0.2		CXL		1991	
SB	0716	Coffee beans			3	04	37	2004 JMPR: Withdrawal recommended
MO	0105	Edible offal (mammalian) [except cattle]	10		3	04	37	
PE	0112	Eggs	0.1		3	04	37	
SO	0693	Linseed	0.05	(*)	3	04	37	
FI	0345	Mango	2	Po	CXL			
FI	0345	Mango			3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.5	(fat)	3	04	37	
ML	0106	Milks	0.1	(*)	CXL		1993	
ML	0106	Milks	0.05	(*)	3	04		
VO	0450	Mushrooms	2		CXL			
VO	0450	Mushrooms	40		3	04	37	
AS	0647	Oat straw and fodder, Dry	15		CXL			
AS	0647	Oat straw and fodder, Dry			3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
GC	0647	Oats	0.5		CXL			
GC	0647	Oats			3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
FC	0004	Oranges, Sweet, Sour	5	Po	CXL		1991	
FC	0004	Oranges, Sweet, Sour			3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
FI	0350	Papaya	1	Po	CXL		1991	
FI	0350	Papaya			3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
HS	0790	Pepper, Black, White	10		3	04	37	
PM	0110	Poultry meat	0.05	(*)	3	04	37	
PO	0111	Poultry, Edible offal of	0.2		3	04	37	
SO	0495	Rape seed	0.5		CXL			
SO	0495	Rape seed	0.7		3	04	37	

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GC	0650 Rye	0.5	CXL			
GC	0650 Rye		3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
AS	0650 Rye straw and fodder, Dry	15	CXL			
AS	0650 Rye straw and fodder, Dry		3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
FS	0012 Stone fruits	0.05	CXL			1991
FS	0012 Stone fruits		3	04	37	2004 JMPR: Withdrawal recommended
AS	0081 Straw and fodder (dry) of cereal grains	40	3	04		
SO	0702 Sunflower seed	0.5	3	04	37	
OR	0702 Sunflower seed oil, Edible	1	3	04	37	
GC	0654 Wheat	0.5	CXL			
GC	0654 Wheat		3	04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities
CM	0654 Wheat bran, Unprocessed	7	3	04	37	
AS	0654 Wheat straw and fodder, Dry	15	CXL			
AS	0654 Wheat straw and fodder, Dry	3		04	37	2004 JMPR: Withdrawal recommended, replaced by recommendation for wider group of commodities

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143 Triazophos

Main Uses 8 Insecticide

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

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

AcuteRfD 0.001 mg/kg body weight (2002)

RESIDUE Triazophos.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
VP	0523 Broad bean, Shelled (succulent)=(immature seeds)	0.02	(*)	CXL			1995	
VB	0402 Brussels sprouts	0.1		CXL			1995	
VB	0041 Cabbages, Head	0.1		CXL			1995	
VR	0577 Carrot	0.5		CXL			1997	
MM	0812 Cattle meat	0.01	(*)	CXL			1995	
ML	0812 Cattle milk	0.01	(*)	CXL			1995	
VB	0404 Cauliflower	0.1		CXL			1995	
GC	0080 Cereal grains	0.05	(*)	CXL			1995	
SB	0716 Coffee beans	0.05	(*)	CXL			1995	
VP	0526 Common bean (pods and/or immature seeds)	0.2		CXL			1995	
SO	0691 Cotton seed	0.1		CXL			1995	
VA	0385 Onion, Bulb	0.05	(*)	CXL			1995	
VP	0063 Peas (pods and succulent=immature seeds)	0.1		CXL			1995	
FP	0009 Pome fruits	0.2		CXL			1995	
VR	0589 Potato	0.05	(*)	CXL			1995	
VD	0541 Soya bean (dry)	0.05	(*)	CXL			1995	
FB	0275 Strawberry	0.05	(*)	CXL			1995	
VR	0596 Sugar beet	0.05	(*)	CXL			1995	

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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)

RESIDUE Bitertanol (fat-soluble).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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,	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) [except cattle]	0.05 (*)	CXL			2001	
PE	0112 Eggs	0.01 (*)	CXL			2001	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05 (*) (fat)	CXL			2001	
ML	0106 Milks	0.05 (*)	CXL			2001	
FS	0245 Nectarine	1	CXL			1993	Confirmed (1999 JMPR)
AF	0647 Oat forage (green)	0.05 (*)	CXL		dry wt.	2001	
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	
AF	0650 Rye forage (green)	0.05 (*)	CXL		dry wt	2001	
AS	0650 Rye straw and fodder, Dry	0.05 (*)	CXL			2001	

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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

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145 Carbosulfan

Main Uses 8 Insecticide

JMPR 84, 86T, 91R, 93R, 97R', 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.

Commodity								
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note	
AB	0001 Citrus pulp, Dry	0.1	6	97	33,36 31, 32		Returned to Step 6.	
SO	0691 Cotton seed	0.05	6	03	36			
MO	0105 Edible offal (mammalian) [except cattle]	0.05*	6	03	36			
PE	0112 Eggs	0.05*	6	03	36			
GC	0645 Maize	0.05*	6	03	36			
AF	0645 Maize forage	0.05*	6	03	36			
FC	0206 Mandarin	0.1	6	99	36		Returned to Step 6.	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05*	6	03	36			
ML	0106 Milks	0.03*	6	03	36			
FC	0004 Oranges, Sweet, Sour	0.1	6	97	33, 31		Returned to Step 6.	
VR	0589 Potato	0.05	6	03	36			
PM	0110 Poultry meat	0.05*	6	03	36			
PO	0111 Poultry, Edible offal of	0.05*	6	03	36			
AS	0649 Rice straw and fodder, Dry	0.05*	6	03	36			
VR	0596 Sugar beet	0.3	6	03	36			
AV	0596 Sugar beet leaves or tops	0.05*	6	03	36			

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146 Cyhalothrin

Main Uses 8 Insecticide

JMPR 84, 86R, 88R

ADI 0.002 mg/kg body weight (TADI; 2000 by JECFA)

RESIDUE Cyhalothrin (sum of all isomers).

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

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
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				

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147 Methoprene

Main Uses 9 Insect Growth Regulator

JMPR 84, 86R, 88R, 89R, 01T' (03R')

ADI 0.09 & 0.05 mg/kg body weight (2001; 0.09 mg/kg bw for the R,S racemate; 0.05 mg/kg bw for S-methoprene)

RESIDUE Methoprene (fat-soluble).

Note Previous ADI, 0.1 mg/kg bw (1987)

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
ML	0812 Cattle milk	0.05	F	CXL				The MRL accommodates external animal treatment.
GC	0080 Cereal grains	5	Po	CXL				
MO	0105 Edible offal (mammalian) [except cattle]	0.1		CXL			1991	
PE	0112 Eggs	0.05		CXL			1991	
OR	0645 Maize oil, Edible	0.2	(* PoP	CXL				
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.2	(fat)	CXL			1991	The MRL accommodates external animal treatment.
CM	0654 Wheat bran, Unprocessed	10	PoP	CXL				
CF	1211 Wheat flour	2	PoP	CXL				
CF	1212 Wheat wholemeal	5	PoP	CXL				

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148 Propamocarb

Main Uses 5 Fungicide

JMPR 84, 86, 87R (04T')(05R')

ADI 0.1 mg/kg body weight (1986)

RESIDUE Propamocarb (base).

Commodity							
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
VR	0574 Beetroot	0.2	CXL				
VB	0402 Brussels sprouts	1	CXL				
VB	0041 Cabbages, Head	0.1	CXL				
VB	0404 Cauliflower	0.2	CXL				
VS	0624 Celery	0.2	CXL				
VC	0424 Cucumber	2	CXL				
VL	0482 Lettuce, Head	10	CXL				
VO	0445 Peppers, Sweet	1	CXL				
VR	0494 Radish	5	CXL				
FB	0275 Strawberry	0.1	CXL				
VO	0448 Tomato	1	CXL				

- Part.A1 -

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		Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0327 Banana	0.02	(*)	CXL				
FI	0327 Banana	0.02		3	04	37		
VR	0574 Beetroot	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended
VB	0041 Cabbages, Head	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended
VC	0424 Cucumber	0.02	(*)	CXL				
VC	0424 Cucumber	0.01		3	04	37		
MO	0105 Edible offal (mammalian) [except cattle]	0.01	(*)	3	04	37		
VC	0425 Gherkin	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
FB	0269 Grapes	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
VL	0482 Lettuce, Head	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
GC	0645 Maize	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
AS	0645 Maize fodder	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
AF	0645 Maize forage	0.02	(*)	CXL	04	37		JMPR 2004: Withdrawal recommended
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.01	(*)	3	04	37		
VC	0046 Melons, except watermelon	0.02	(*)	CXL				
VC	0046 Melons, except watermelon	0.02		3	04	37		
ML	0106 Milks	0.01	(*)	3	04	37		
VA	0385 Onion, Bulb	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended
SO	0697 Peanut	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended
AL	0697 Peanut fodder	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended
VP	0063 Peas (pods and succulent=immature seeds)	0.02	(*)	CXL	04			JMPR 2004: Withdrawal recommended

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VO	0051	Peppers	0.02	(*)	CXL			JMPR 2004: Withdrawal recommended
VO	0445	Peppers, Sweet	0.05		3	04	37	
FI	0353	Pineapple	0.02	(*)	CXL	04		JMPR 2004: Withdrawal recommended
AM	0353	Pineapple fodder	0.02	(*)	CXL	04		JMPR 2004: Withdrawal recommended
AV	0353	Pineapple forage	0.02	(*)	CXL	04		JMPR 2004: Withdrawal recommended
VR	0589	Potato	0.02	(*)	CXL			
VR	0589	Potato	0.05		3	04	37	
VD	0541	Soya bean (dry)	0.02	(*)	CXL	04		JMPR 2004: Withdrawal recommended
AL	0541	Soya bean fodder	0.02	(*)	CXL	04		JMPR 2004: Withdrawal recommended
FB	0275	Strawberry	0.02	(*)	CXL			
GS	0659	Sugar cane	0.02	(*)	CXL			
GS	0659	Sugar cane	0.02		3	04	37	
AM	0659	Sugar cane fodder	0.02	(*)	CXL			
AV	0659	Sugar cane forage	0.02	(*)	CXL			
VR	0508	Sweet potato	0.02	(*)	CXL			
VR	0508	Sweet potato	0.05		3	04	37	
VO	0448	Tomato	0.02	(*)	CXL			
VO	0448	Tomato	0.01	(*)	3	04	37	
VR	0506	Turnip, Garden	0.02	(*)	CXL			

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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		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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) [except cattle]	0.01	(*)	CXL	01	35	2003	
PE	0112 Eggs	0.01	(*)	CXL	01	35	2003	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	

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152 Flucythrinate

Main Uses 8 Insecticide

JMPR 85, 87R, 88R, 89R, 90R, 93R

ADI 0.02 mg/kg body weight (1985)

RESIDUE Flucythrinate (fat-soluble).

Note The CAC-24 revoked the existing CXLs.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0000	No MRL						

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153 Pyrazophos

Main Uses 5 Fungicide

JMPR 85, 87R, 92, 93R

ADI 0.004 mg/kg body weight (1992)

RESIDUE Pyrazophos.

Note The CAC-24 revoked the existing CXLs.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0000	No MRL						

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154 Thiodicarb

Main Uses 8 Insecticide

JMPR 85, 86T, 87R, 88R, 00T', 01R'

ADI 0.03 mg/kg body weight (1986; confirmed 2000)

AcuteRfD 0.04 mg/kg body weight (2000)

RESIDUE Sum of thiodicarb and methomyl, expressed as methomyl.
See (94) methomyl.

Note The CCPR had decided on combined list for thiodicarb and methomyl.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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155 Benalaxyl

Main Uses 5 Fungicide

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

ADI 0.05 mg/kg body weight (1987)

RESIDUE Benalaxyl.

Commodity							
Code	Name	MRL	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	

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156 Clofentezine

Main Uses 1 Acaricide

JMPR 86, 87R, 89R, 90R, 92R (04')

ADI 0.02 mg/kg body weight (1986)

RESIDUE Plant commodities: Clofentezine.

Animal commodities: Sum of all compounds containing the 2-chlorobenzoyl moiety, expressed as clofentezine.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
MM	0812 Cattle meat	0.05	(*)	CXL				
ML	0812 Cattle milk	0.01	(*)	CXL				
MO	0812 Cattle, Edible offal of	0.1		CXL				
FC	0001 Citrus fruits	0.5		CXL			1995	
VC	0424 Cucumber	1		CXL			1991	
FB	0021 Currants, Black, Red, White	0.05		CXL			1993	
PE	0112 Eggs	0.05	(*)	CXL				
FB	0269 Grapes	1		CXL			1995	
FP	0009 Pome fruits	0.5		CXL				
PM	0110 Poultry meat	0.05	(*)	CXL				
PO	0111 Poultry, Edible offal of	0.05	(*)	CXL				
FS	0012 Stone fruits	0.2		CXL				
FB	0275 Strawberry	2		CXL				

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157 Cyfluthrin

Main Uses 8 Insecticide

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

ADI 0.02 mg/kg body weight (1987; confirmed by JECFA in 1997)

RESIDUE Cyfluthrin (fat-soluble).

Commodity							
Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC Note
FP	0226 Apple	0.5		CXL			1995
ML	0812 Cattle milk	0.01	F	CXL			1995 The MRL accommodates external animal treatment.
SO	0691 Cotton seed	0.05		CXL			1995
GC	0645 Maize	0.05		CXL			1995
VO	0445 Peppers, Sweet	0.2		CXL			1995
SO	0495 Rape seed	0.05		CXL			1995
VO	0448 Tomato	0.5		CXL			1995

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158 Glyphosate

Main Uses 7 Herbicide

JMPR 86, 88R, 94R, 97, 04'

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

RESIDUE Glyphosate.

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

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	20		CXL				
VD	0071 Beans (dry)	2		CXL				
MM	0812 Cattle meat	0.1	(*)	CXL				
ML	0812 Cattle milk	0.1	(*)	CXL				
MO	0812 Cattle, Edible offal of	2		CXL				
SO	0691 Cotton seed	10		CXL			1999	
OC	0691 Cotton seed oil, Crude	0.05	(*)	CXL			1999	
OR	0691 Cotton seed oil, Edible	0.05	(*)	CXL			1999	
PE	0112 Eggs	0.1	(*)	CXL				
AS	0162 Hay or fodder (dry) of grasses	50		CXL				
FI	0341 Kiwifruit	0.1	(*)	CXL				
GC	0645 Maize	1		CXL			1999	
AF	0645 Maize forage	1		CXL			1999	
GC	0647 Oats	20		CXL				
VD	0072 Peas (dry)	5		CXL				
MM	0818 Pig meat	0.1	(*)	CXL				
MO	0818 Pig, Edible offal of	1		CXL				
PM	0110 Poultry meat	0.1	(*)	CXL				
SO	0495 Rape seed	10		CXL				
GC	0649 Rice	0.1	(*)	CXL				
GC	0651 Sorghum	20		CXL			1999	
VD	0541 Soya bean (dry)	20		CXL			1997	
VP	0541 Soya bean (immature seeds)	0.2		CXL				

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AL	0541	Soya bean fodder	200		CXL	1997
AL	1265	Soya bean forage (green)	5		CXL	1991
AS	0081	Straw and fodder (dry) of cereal grains	100		CXL	
VO	0447	Sweet corn (corn-on-the-cob)	0.1	(*)	CXL	
GC	0654	Wheat	5		CXL	
CM	0654	Wheat bran, Unprocessed	20		CXL	1995
CF	1211	Wheat flour	0.5		CXL	1991
CF	1212	Wheat wholemeal	5		CXL	1991

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159 Vinclozolin

Main Uses 5 Fungicide

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

ADI 0.01 mg/kg body weight (1995)

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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 immature seeds)	2		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	
FI	0341 Kiwifruit	10		CXL				
VL	0482 Lettuce, Head	5		CXL			1995	
VC	0046 Melons, except watermelon	1		CXL				
VA	0385 Onion, Bulb	1		CXL				

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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	

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160 Propiconazole

Main Uses 5 Fungicide

JMPR 87, 91R, 94R, 04'

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

AcuteRfD 0.3 mg/kg body weight (2004)

RESIDUE Propiconazole.

Note ADI changed. Former ADI 0.04 (1987).

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
TN	0660 Almonds	0.05		CXL			1991	
FI	0327 Banana	0.1		CXL			1991	
GC	0640 Barley	0.05		CXL			1997	
SB	0716 Coffee beans	0.1		CXL			1991	
MO	0105 Edible offal (mammalian) [except cattle]	0.05		CXL			1991	
PE	0112 Eggs	0.05	(*)	CXL			1991	
FB	0269 Grapes	0.5		CXL			1991	
FI	0345 Mango	0.05		CXL			1991	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(*)	CXL			1991	
ML	0106 Milks	0.01	(*)	CXL			1991	
GC	0647 Oats	0.05	(*)	CXL			1993	
SO	0697 Peanut	0.05		CXL			1991	
SO	0703 Peanut, whole	0.1		CXL				
TN	0672 Pecan	0.05		CXL			1991	
PM	0110 Poultry meat	0.05	(*)	CXL			1991	
SO	0495 Rape seed	0.05		CXL			1991	
GC	0650 Rye	0.05	(*)	CXL			1993	
FS	0012 Stone fruits	1		CXL			1991	
VR	0596 Sugar beet	0.05		CXL			1991	
AV	0596 Sugar beet leaves or tops	0.5		CXL			1997	
GS	0659 Sugar cane	0.05		CXL			1991	
GC	0654 Wheat	0.05	(*)	CXL			1993	

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162 Tolyfluanid

Main Uses 5 Fungicide

JMPR 88, 90R, 02', 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	Name	MRL	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	1	CXL			1991	
VL	0482 Lettuce, Head	15	6		36		
VO	0445 Peppers, Sweet	2	CXL	02	35,36	2004	
FP	0009 Pome fruits	5	CXL	02		1991	Confirmed (2002 JMPR)
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	

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164 Demeton-S-Methylsulphon

Main Uses 8 Insecticide

JMPR 73, 82T, 84, 89, 92R

ADI 0.0003 mg/kg body weight (1989)

RESIDUE Sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphon expressed as oxydemeton-methyl.

ADI for the sum of these three compounds. See (166) oxydemeton-methyl.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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165 Flusilazole

Main Uses 5 Fungicide

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

ADI 0.001 mg/kg body weight (1989; confirmed 1995)

RESIDUE Flusilazole.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FS	0240 Apricot	0.5	CXL			1997	
FI	0327 Banana	0.1	CXL			1993	
GC	0640 Barley	0.1	CXL			1993	
AS	0640 Barley straw and fodder,	2	CXL			1993	
MF	0812 Cattle fat	0.01 (*)	CXL			1993	
MM	0812 Cattle meat	0.01 (*)	CXL			1993	
ML	0812 Cattle milk	0.01 (*)	CXL			1993	
MO	0812 Cattle, Edible offal of	0.02 (*)	CXL			1993	
PE	0840 Chicken eggs	0.01 (*)	CXL			1993	
PM	0840 Chicken meat	0.01 (*)	CXL			1993	
PO	0840 Chicken, Edible offal of	0.01 (*)	CXL			1993	
DF	0269 Dried grapes (=currants, raisins and sultanas)	1	CXL			1993	
FB	0269 Grapes	0.5	CXL			1993	
FS	0245 Nectarine	0.5	CXL			1995	
FS	0247 Peach	0.5	CXL			1995	
FP	0009 Pome fruits	0.2	CXL			1993	
SO	0495 Rape seed	0.05	CXL			1993	
GC	0650 Rye	0.1	CXL			1993	
AS	0650 Rye straw and fodder, Dry	2	CXL			1993	
VR	0596 Sugar beet	0.01 (*)	CXL			1993	
GC	0654 Wheat	0.1	CXL			1993	
AS	0654 Wheat straw and fodder, Dry	2	CXL			1993	

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166 Oxydemeton-Methyl

Main Uses 8 Insecticide

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

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

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.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name								
FP	0226 Apple	0.05		6	73, 84, 92, 98	33	32		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	0.05	(*)	6	73, 84, 92, 98	33	32		Returned to current Step.
GC	0640 Barley	0.02	(*)	3	04				STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR
AS	0640 Barley straw and fodder,	2		6	98		32		Returned to current Step
AS	0640 Barley straw and fodder,	0.1		3	04				STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR
VB	0041 Cabbages, Head	0.05	(*)	6	84, 92, 98, 04	33	32		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	(*)	6	73, 92, 98	33	32		Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
VB	0404 Cauliflower	0.01	(*)	3	04				STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR.
VD	0526 Common bean (dry)	0.1		6	98, 04		32		Returned to current Step. Case 3 commodities do not require estimation of the HR for short term intake assessment.
SO	0691 Cotton seed	0.05		6	73, 92, 98, 04	33	32		Returned to current Step. Case 3 commodities do not require estimation of the HR for short term intake assessment
PE	0112 Eggs	0.05	(*)	6	73, 92, 98, 04	33	32		Returned to current Step. Case 3 commodities do not require estimation of the HR for short term intake assessment

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FB	0269 Grapes	0.1		6	73, 84, 92, 98, 04	33	32	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
VL	0480 Kale	0.01	(*)	6	84, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
VB	0405 Kohlrabi	0.05		6	84, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
FC	0204 Lemon	0.2		6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
MM	0097 Meat of cattle, pigs &	0.05	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
ML	0106 Milks	0.01	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
FC	0004 Oranges, Sweet, Sour	0.2		6	73, 92, 98, 04	33	32	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 .
FP	0230 Pear	0.05		6	73, 84, 92, 98, 04	33	32	Returned to current Step. 3 STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation .
MF	0818 Pig fat	0.05	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. 3 STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
VR	0589 Potato	0.05	(*)	6	73, 84, 92, 98	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation.
VR	0589 Potato	0.01	(*)	3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR.
PF	0111 Poultry fats	0.05	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
PM	0110 Poultry meat	0.05	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
GC	0650 Rye	0.05	(*)	6	98		32	Returned to current Step
GC	0650 Rye	0.02	(*)	3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR.
AS	0650 Rye straw and fodder, Dry	2		6	98		32	Returned to current Step
AS	0650 Rye straw and fodder, Dry	0.1		3	04		37	STMRs/STMRPs or HRs/HRPs were estimated

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									based on new data submitted in 2004 JMPR
MF	0822	Sheep fat	0.05	(*)	6	73, 92, 98, 04	33	32	Returned to current Step. STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation
VR	0596	Sugar beet	0.05	(*)	6	73, 84, 92, 98	33	32	Returned to current Step
VR	0596	Sugar beet	0.01	(*)	3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR
AV	0596	Sugar beet leaves or tops	0.05	(*)	6	73, 79, 84, 92,	33	32	Returned to current Step
AV	0596	Sugar beet leaves or tops	0.05		3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR
GC	0654	Wheat	0.05	(*)	6	73, 84, 92, 98	33	32	Returned to current Step
GC	0654	Wheat	0.02	(*)	3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR
AS	0654	Wheat straw and fodder, Dry 2			6	98		32	Returned to current Step
AS	0654	Wheat straw and fodder, Dry 0.1			3	04		37	STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR

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167 Terbufos

Main Uses 14 Nematicide

JMPR 89, 90, 03T'

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

AcuteRfD 0.002 mg/kg body weight (2003)

RESIDUE Sum of terbufos, its oxygen analogue and their sulphoxides and sulphones, expressed as terbufos.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FI	0327 Banana	0.05		CXL			1991	
VB	0400 Broccoli	0.05	(*)	CXL			1993	
VB	0041 Cabbages, Head	0.05	(*)	CXL			1993	
MM	0812 Cattle meat	0.05	(*)	CXL			1993	
ML	0812 Cattle milk	0.01	(*)	CXL			1991	
MO	0812 Cattle, Edible offal of	0.05	(*)	CXL			1993	
PM	0840 Chicken meat	0.05	(*)	CXL			1993	
PO	0840 Chicken, Edible offal of	0.05	(*)	CXL			1993	
SB	0716 Coffee beans	0.05	(*)	CXL			1993	
PE	0112 Eggs	0.01	(*)	CXL			1991	
AV	1051 Fodder beet leaves or tops	1		CXL			1991	
GC	0645 Maize	0.01	(*)	CXL			1991	
AF	0645 Maize forage	1		CXL			1991	
SO	0485 Mustard seed	0.05	(*)	CXL			1993	
VA	0385 Onion, Bulb	0.05	(*)	CXL			1993	
SO	0697 Peanut	0.05	(*)	CXL			1993	
AL	0697 Peanut fodder	1		CXL			1993	
AL	1270 Peanut forage (green)	1		CXL			1993	
GC	0656 Popcorn	0.01	(*)	CXL			1991	
SO	0495 Rape seed	0.05	(*)	CXL			1993	
OC	0495 Rape seed oil, Crude	0.05	(*)	CXL			1993	
VD	0541 Soya bean (dry)	0.05	(*)	CXL			1993	
AS	0081 Straw and fodder (dry) of cereal grains	1		CXL			1993	
VR	0596 Sugar beet	0.1		CXL			1993	

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VO	0447 Sweet corn (corn-on-the-cob)	0.01	(*)	CXL	1993
GC	0654 Wheat	0.01	(*)	CXL	1991

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168 Triadimenol

Main Uses 5 Fungicide

JMPR 89, 92R, 95R, 04R'

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).

Commodity

Code	Name	MRL		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,	5		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
AV	1051 Fodder beet leaves or tops	0.2		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) [except cattle]	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	0.05	(*)	TF	CXL		1997	Source of data: triadimefon
VA	0387 Onion, Welsh	0.05	(*)	TF TN	CXL		1997	Source of data: triadimefon, triadimenol
VP	0063 Peas (pods and	0.1		TF	CXL		1997	Source of data: triadimefon

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succulent=immature seeds)						
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
AV	0596 Sugar beet leaves or tops	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, Dry	5		TF TN	CXL	1995 Source of data: triadimefon, triadimenol

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169 Cyromazine

Main Uses 8 Insecticide

JMPR 90, 92R

ADI 0.02 mg/kg body weight (1990)

RESIDUE 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	Step	JMPR	CCPR and prior CCPR	CAC	Note
VS	0624 Celery	5	CXL			1993	
VC	0424 Cucumber	0.2	CXL			1993	
PE	0112 Eggs	0.2	CXL			1993	The MRL accommodates external animal treatment.
VL	0482 Lettuce, Head	5	CXL			1993	
VC	0046 Melons, except watermelon	0.2	CXL			1993	
ML	0106 Milks	0.01 (*)	CXL			1993	The MRL accommodates external animal treatment.
VO	0450 Mushrooms	5	CXL			1993	
VO	0051 Peppers	1	CXL			1995	
PM	0110 Poultry meat	0.05 (*)	CXL			1993	The MRL accommodates external animal treatment.
MM	0822 Sheep meat	0.05 (*)	CXL			1993	The MRL accommodates external animal treatment.
VO	0448 Tomato	0.5	CXL			1993	

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171 Profenofos

Main Uses 8 Insecticide

JMPR 90, 92R, 94R, 95R

ADI 0.01 mg/kg body weight (1990)

RESIDUE Profenofos.

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

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172 Bentazone

Main Uses 7 Herbicide

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

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

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

Animal commodities: Bentazone.

Code	Commodity Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1021 Alfalfa forage (green)	2		CXL			1997	
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	0.2		CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	
GC	0650 Rye	0.1		CXL			1997	
GC	0651 Sorghum	0.1		CXL			1997	

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

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173 Buprofezin

Main Uses 8 Insecticide

JMPR 91, 95R, 99TR

ADI 0.01 mg/kg body weight (1991)

RESIDUE Buprofezin (fat-soluble).

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
VC	0424 Cucumber	1	CXL			1997	
FC	0004 Oranges, Sweet, Sour	0.5	CXL			2001	
VO	0448 Tomato	1	CXL			1997	

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174 Cadusafos

Main Uses 8 Insecticide

JMPR 91, 92R

ADI 0.0003 mg/kg body weight (1991)

RESIDUE Cadusafos.

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

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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)

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		MRL		Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name								
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.
FI	0327 Banana	0.2		CXL				1997	
FB	0018 Berries and other small	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) [except cattle]	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	10		CXL	99	34	33	2003	
AF	0645 Maize forage	5		CXL	99	34	33	2003	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	

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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
AV	0596	Sugar beet leaves or tops	0.1		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

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176 Hexythiazox

Main Uses 1 Acaricide

JMPR 91, 94R, 98R

ADI 0.03 mg/kg body weight (1991)

RESIDUE Hexythiazox.

Commodity							
Code	Name	MRL	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	

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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)

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

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

Commodity Code	Name	MRL		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	
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	

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178 Bifenthrin

Main Uses 8 Insecticide/Acaricide

JMPR 92, 95R, 96R, 97R

ADI 0.02 mg/kg body weight (1992)

RESIDUE Bifenthrin (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
GC	0640 Barley	0.05	(*)	CXL			1999	Residues are not expected to exceed 0.01 mg/kg.
AS	0640 Barley straw and fodder,	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	0.2		CXL			1995	
AF	0645 Maize forage	0.05	(*)	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	
CM	0654 Wheat bran, Unprocessed	2	PoP	CXL			1999	
CF	1211 Wheat flour	0.2	PoP	CXL			1999	
AF	0654 Wheat forage (whole plant)	0.2		CXL			1995	
AS	0654 Wheat straw and fodder, Dry	0.5		CXL			1995	

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CF 1212 Wheat wholemeal

0.5

PoP

CXL

1999

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179 Cycloxydim

Main Uses 7 Herbicide

JMPR 92, 93R

ADI 0.07 mg/kg body weight (1992)

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

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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 immature seeds)	1	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	
AV	0596 Sugar beet leaves or tops	1	CXL			1995	

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180 Dithianon

Main Uses 5 Fungicide

JMPR 92, 95R

ADI 0.01 mg/kg body weight (1992)

RESIDUE Dithianon.

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

- Part.A1 -

181 Myclobutanil

Main Uses 5 Fungicide

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

ADI 0.03 mg/kg body weight (1992)

RESIDUE Myclobutanil.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FI	0327 Banana	2		CXL			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	

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182 Penconazole

Main Uses 5 Fungicide

JMPR 92, 95R

ADI 0.03 mg/kg body weight (1992)

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-

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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	

- Part.A1 -

184 Etofenprox

Main Uses 8 Insecticide

JMPR 93

ADI 0.03 mg/kg body weight (1993)

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	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
FP	0009 Pome fruits	1	CXL			1997	
VR	0589 Potato	0.01 (*)	CXL			1995	

- Part.A1 -

185 Fenpropathrin

Main Uses 8 Insecticide/Acaricide

JMPR 93

ADI 0.03 mg/kg body weight (1993)

RESIDUE Fenpropathrin (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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	
VO	0448 Tomato	1		CXL			1995	

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186 Metiram

Main Uses 5 Fungicide

JMPR 93T, 95R

ADI 0.03 mg/kg body weight (1993)

RESIDUE See (105) dithiocarbamates.

ADI is group ADI for EBDCs.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0001	See related compound(s)						

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187 Clethodim

Main Uses 7 Herbicide

JMPR 94, 97R, 99TR

ADI 0.01 mg/kg body weight (1994)

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

Code	Commodity Name	MRL		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	
AL	1030 Bean forage (green)	5		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) [except cattle]	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) [except cattle]	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	
SO	0495 Rape seed	0.5		CXL	94	35 28, 31,33	2003	

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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

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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	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
FI	0327 Banana	2		CXL	99	34 33	2003	
GC	0640 Barley	0.5		CXL			2001	
AS	0640 Barley straw and fodder,	5		CXL			2001	
PE	0112 Eggs	0.01	(*)	CXL			2001	
AV	1051 Fodder beet leaves or tops	1		CXL			2001	
MO	0098 Kidney of cattle, goats, pigs & sheep	0.05		CXL			2001	
MO	0099 Liver of cattle, goats, pigs & sheep	0.3		CXL			2001	
MF	0100 Mammalian fats (except milk fats)	0.01		CXL			2001	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	
AV	0596 Sugar beet leaves or tops	1		CXL			2001	

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GC 0654 Wheat 0.5
AS 0654 Wheat straw and fodder, Dry 5

CXL
CXL

2001
2001

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189 Tebuconazole

Main Uses 5 Fungicide

JMPR 94, 97R

ADI 0.03 mg/kg body weight (1994)

RESIDUE Tebuconazole.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
FI	0327 Banana	0.05	CXL			1999	
GC	0640 Barley	0.2	CXL			1997	
AS	0640 Barley straw and fodder,	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	
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	

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AS 0654 Wheat straw and fodder, Dry10

CXL

1997

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190 Teflubenzuron

Main Uses 9 Insect Growth Regulator

JMPR 94T, 96R

ADI 0.01 mg/kg body weight (1994)

RESIDUE Teflubenzuron (fat-soluble)

Commodity

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

- Part.A1 -

191 Tolclofos-Methyl

Main Uses 5 Fungicide

JMPR 94

ADI 0.07 mg/kg body weight (1994)

RESIDUE Tolclofos-methyl.

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
VL	0482 Lettuce, Head	2	CXL			1997	
VL	0483 Lettuce, Leaf	2	CXL			1997	
VR	0589 Potato	0.2	CXL			1997	
VR	0494 Radish	0.1	CXL			1997	

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192 Fenarimol

Main Uses 5 Fungicide

JMPR 95, 96R

ADI 0.01 mg/kg body weight (1995)

RESIDUE Fenarimol.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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	

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193 Fenpyroximate

Main Uses 1 Acaricide

JMPR 95, 99R, 04T

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

AcuteRfD 0.01 mg/kg body weight (2004)

RESIDUE Fenpyroximate (fat-soluble).

Note The 1995 JMPR estimated a maximum residue level for apple (0.09 mg/kg), but owing to the lack of critical supporting data this is not recommended for use as an MRL.
CCPR 36: await JMPR 2004 establishment of an acute RfD and acute intake calculations (36-163).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FP	0226 Apple	0.3		6	99	33		
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		6	99	33		
DH	1100 Hops, Dry	10		CXL	99	34 33		2003
FC	0004 Oranges, Sweet, Sour	0.2		6	99	33		

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194 Haloxyfop

Main Uses 7 Herbicide

JMPR 95, 96R, 01R

ADI 0.0003 mg/kg body weight (1995)

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

Note CCPR 36: Await 2004 JMPR to establish an acute RfD (36-164).

Commodity

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
AL	1021 Alfalfa forage (green)	5	fresh	4	95, 96, 01	36		
FI	0327 Banana	0.05	(*)	CXL		36	2001	
MO	1280 Cattle kidney	1		4	01	36		
MO	1281 Cattle liver	0.5		4	01	36		
MM	0812 Cattle meat	0.05		4	01	36		
ML	0812 Cattle milk	0.3		4	01	36		
PE	0840 Chicken eggs	0.01	(*)	6	96, 01	33,36	30	
PM	0840 Chicken meat	0.01	(*)	6	96, 01	33,36	30	
PO	0840 Chicken, Edible offal of	0.05		6	96, 01	33,36	30	
FC	0001 Citrus fruits	0.05	(*)	CXL				2001
SO	0691 Cotton seed	0.2		6	96	33,36	30	
OC	0691 Cotton seed oil, Crude	0.5		6	96	33,36	30	
AM	1051 Fodder beet	0.3		6	96	33,36	30, 32	
AV	1051 Fodder beet leaves or tops	0.3	fresh		95, 96, 01			
FB	0269 Grapes	0.05	(*)	CXL				2001
SO	0697 Peanut	0.05		6	96	33,36	30	
VP	0063 Peas (pods and succulent=immature seeds)	0.2		6	96	33,36	30	
FP	0009 Pome fruits	0.05	(*)	CXL				2001
VR	0589 Potato	0.1		6	96	33,36	30	
VD	0070 Pulses	0.2		6	96	33,36	30	
SO	0495 Rape seed	2		6	96	33,36	30	
OC	0495 Rape seed oil, Crude	5		6	96	33,36	30	
OR	0495 Rapeseed oil, Edible	5		6	96	33,36	30	
CM	1206 Rice bran, Unprocessed	0.02	(*)	6	96	33,36	30, 32	

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CM	0649	Rice, Husked	0.02	(*)	6	96	33,36	30, 32
CM	1205	Rice, Polished	0.02	(*)	6	96	33,36	30, 32
OC	0541	Soya bean oil, Crude	0.2		6	96	33,36	30
OR	0541	Soya bean oil, Refined	0.2		6	96	33,36	30
VR	0596	Sugar beet	0.3		6	96	33,36	30
AV	0596	Sugar beet leaves or tops	0.3	fresh	4	95, 96, 01	36	
SO	0702	Sunflower seed	0.2		6	96	33,36	30

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195 Flumethrin

Main Uses 8 Insecticide

JMPR 96

ADI 0.004 mg/kg body weight (1996)

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

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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.

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196 Tebufenozide

Main Uses 8 Insecticide

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

ADI 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 (fat-soluble).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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) [except cattle]	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 Kiwifruit	0.5		CXL			1999	
VL	0053 Leafy vegetables	10		CXL	01	35,36	2004	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05	(fat)	CXL	03	36	2004	
ML	0106 Milks	0.01	(*)	CXL	03	36	2004	
HH	0738 Mints	20		CXL	01	35,36	2004	
FS	0245 Nectarine	0.5		CXL	01	35,36	2004	
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	

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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	

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197 Fenbuconazole

Main Uses 5 Fungicide

JMPR 97 (02R)

ADI 0.03 mg/kg body weight (1997)

RESIDUE Fenbuconazole (fat soluble).

Commodity		MRL	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,	3	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	
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, Dry		3			CXL	1999

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198 Aminomethylphosphonic Acid (AMPA)

Main Uses

JMPR 97

ADI 0.3 mg/kg body weight for sum of glyphosate and aminomethylphosphonic acid (1997)

RESIDUE Aminomethylphosphonic acid (AMPA).

AMPA is the main residue resulting from the treatment of genetically-modified maize with glyphosate. See also (158) glyphosate

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
@@@0000	No MRL						

- Part.A1 -

199 Kresoxim-Methyl

Main Uses 5 Fungicide

JMPR 98, 01R

ADI 0.4 mg/kg body weight (1998)

RESIDUE Plant commodities: Kresoxim-methyl.

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR		CAC	Note
Code	Name								
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) [except cattle]	0.05	(*)	CXL	98	34	32	2003	
FC	0203 Grapefruit	0.5		CXL	01	35		2003	
FB	0269 Grapes	1		CXL				2001	
MF	0100 Mammalian fats (except milk fats)	0.05	(*)	CXL	98	34	32	2003	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	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	

- Part.A1 -

200 Pyriproxifen

Main Uses 8 Insecticide

JMPR 99, 00R, 01T

ADI 0.1 mg/kg body weight (1999)

RESIDUE Pyriproxifen (fat-soluble).

Commodity		MRL		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	

- Part.A1 -

201 Chlorpropham

Main Uses 16 Plant Growth Regulator

JMPR 00T, 01R

ADI 0.03 mg/kg body weight (2000)

AcuteRfD 0.03 mg/kg body weight (2000)

RESIDUE Chlorpropham (fat-soluble).

Note CCPR 36: noting that this compound was tentatively scheduled for toxicological evaluation by JMPR in 2005, all commodities retained at Step 7 (36-166).

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
MM	0812 Cattle meat	0.1 (fat)	6	01	35		
ML	0812 Cattle milk	0.0005 (*) F	6	01	35		
MO	0812 Cattle, Edible offal of	0.01 (*)	6	01	35		
VR	0589 Potato	30 Po	6	01	35		

The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for cooked potato.

- Part.A1 -

202 Fipronil

Main Uses 8 Insecticide

JMPR 00T, 01R

ADI 0.0002 mg/kg body weight (2000, group ADI for fipronil and fipronil-desulfinyl [5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-

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	Name	MRL		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	0.1	dry wt	CXL 01		35	2003	
AF 0645	Maize forage	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	
AV 0596	Sugar beet leaves or tops	0.2	dry wt	CXL 01		35	2003	
SO 0702	Sunflower seed	0.002	(*)	CXL 01		35	2003	
GC 0653	Triticale	0.002	(*)	CXL 01		35	2003	

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GC 0654 Wheat

0.002 (*)

CXL 01

35

2003

- Part.A1 -

203 Spinosad

Main Uses 8 Insecticide

JMPR 01

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

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: sum of 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		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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	6	01	35,36		The MRL accommodates external animal treatment.
FM	0812 Cattle milk fat	5	3	04	37		
VS	0624 Celery	2	CXL	01	35	2003	
GC	0080 Cereal grains	1 Po	3	04	37		
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	
OR	0691 Cotton seed oil, Edible	0.01 (*)	CXL	01	35	2003	
DF	0269 Dried grapes (=currants, raisins and sultanas)	1	3	04	37		
MO	0105 Edible offal (mammalian) [except cattle]	0.5	3	04	37		See note in the JMPR 2004. Text was too long to cut and paste.
PE	0112 Eggs	0.01	CXL	01	35	2003	
VC	0045 Fruiting vegetables, Cucurbits	0.2	CXL	01	35	2003	

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FB	0269	Grapes	0.5		3	04	37	
FI	0341	Kiwifruit	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
GC	0645	Maize	0.01	(*)	CXL	01	35	2003
GC	0645	Maize			3	04	37	2004 JMPR: Replaced by recommendation for wider group of commodities.
AS	0645	Maize fodder	5		CXL	01	35	2003
AF	0645	Maize forage	5	dry wt	CXL	01	35	2003
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	2	(fat)	3	04	37	See note in the JMPR 2004. Text was too long to cut and paste.
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
MM	0822	Sheep meat	0.01	(*) (fat)	CXL	01	35	2003 The MRL accommodates external animal treatment.
MM	0822	Sheep meat			3	04	37	2004 JMPR: Replaced by recommendation for wider group of commodities.
MO	0822	Sheep, Edible offal of	0.01	(*)	CXL	01	35	2003 The MRL accommodates external animal treatment.
MO	0822	Sheep, Edible offal of			3	04	37	2004 JMPR: Replaced by recommendation for wider group of commodities.
GC	0651	Sorghum	1		CXL	01	35	2003
GC	0651	Sorghum			3	04	37	2004 JMPR: Replaced by recommendation for wider group of commodities.
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		3	04	37	
AS	0654	Wheat straw and fodder, Dry	1		CXL	01	35	2003

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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).

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
SO	0691 Cotton seed	0.05		6	02	35,36		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		6	02	35,36		Returned to Step 6 until fenvalerate is phased out (36-169).
GC	0654 Wheat	0.05		6	02	35,36		Returned to Step 6 until fenvalerate is phased out (36-169).
AS	0654 Wheat straw and fodder, Dry			2	CXL	02	35,36	2004

- Part.A1 -

205 Flutolanil

Main Uses 5 Fungicide

JMPR 02

ADI 0.09 mg/kg body weight (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	Name	MRL		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 & 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) [except cattle]	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	

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206 Imidacloprid

Main Uses 8 Insecticide

JMPR 02

ADI 0.06 mg/kg body weight (2002)

AcuteRfD 0.4 mg/kg body weight (2002)

RESIDUE Sum of imidacloprid and its metabolites containing the 6-chloropyridinyl moiety, expressed as imidacloprid.

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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,	1	dry wt	CXL	02	35,36	2004	
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	
FC	0001 Citrus fruits	1		CXL	02	35,36	2004	
AB	0001 Citrus pulp, Dry	10		CXL	02	35,36	2004	
VC	0424 Cucumber	1		CXL	0.2	35,36	2004	
MO	0105 Edible offal (mammalian) [except cattle]	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	
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	0.2	dry wt	CXL	02	35,36	2004	
AF	0645 Maize forage	0.5	dry wt	CXL	02	35,36	2004	

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FI	0345	Mango	0.2			CXL	02	35,36	2004
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	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
AF	0647	Oat forage (green)	5		dry wt	CXL	02	35,36	2004
AS	0647	Oat straw and fodder, Dry	1		dry wt	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
AF	0650	Rye forage (green)	5		dry wt	CXL	02	35,36	2004
AS	0650	Rye straw and fodder, Dry	1		dry wt	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
AV	0596	Sugar beet leaves or tops	5		dry wt	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, Dry	1			CXL	02	35,36	2004

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207 Cyprodinil

Main Uses 5 Fungicide

JMPR 03

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

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

RESIDUE For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: cyprodinil (fat soluble).

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

2. For cypradinil residues in milks, 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.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AM	0660 Almond hulls	0.05*		03	36		
TN	0660 Almonds	0.02*	6	03	36		
FP	0226 Apple	0.05 (*)	6	03	36		
GC	0640 Barley	3	6	03	36		
VP	0061 Beans, except broad bean and soya bean	0.5	6	03	36		
VC	0424 Cucumber	0.2	6	03	36		
DF	0269 Dried grapes (=currants, raisins and sultanas)	5	6	03	36		
MO	0105 Edible offal (mammalian) [except cattle]	0.01*	6	03	36		
VO	0440 Egg plant	0.2	6	03	36		
PE	0112 Eggs	0.01*	6	03	36		
FB	0269 Grapes	3	6	03	36		
VL	0482 Lettuce, Head	10	6	03	36		
VL	0483 Lettuce, Leaf	10	6	03	36		
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.01* (fat)	6	03	36		
ML	0106 Milks	0.0004*F	6	03	36		
VA	0385 Onion, Bulb	0.3	6	03	36		
FP	0230 Pear	1	6	03	36		
VO	0445 Peppers, Sweet	0.5	6	03	36		
PM	0110 Poultry meat	0.01* (fat)	6	03	36		

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PO	0111 Poultry, Edible offal of	0.01*	6	03	36
DF	0014 Prunes	5	6	03	36
FB	0272 Raspberries, Red, Black	0.5	6	03	36
VC	0431 Squash, Summer	0.2	6	03	36
FS	0012 Stone fruits	2	6	03	36
AS	0081 Straw and fodder (dry) of cereal grains	10	6	03	36
FB	0275 Strawberry	2	6	03	36
VO	0448 Tomato	0.5	6	03	36
GC	0654 Wheat	0.5	6	03	36
CM	0654 Wheat bran, Unprocessed	2	6	03	36

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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 (fat soluble).

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

Commodity

Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
GC	0640 Barley	0.2	6	03	36		
AS	0640 Barley straw and fodder,	5	6	03	36		
VC	0424 Cucumber	0.2	6	03	36		
DF	0269 Dried grapes (=currants, raisins and sultanas)	5	6	03	36		
MO	0105 Edible offal (mammalian) [except cattle]	0.5	6	03	36		
PE	0112 Eggs	0.01*	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
AB	0269 Grape pomace, Dry	7	6	03	36		
FB	0269 Grapes	2	6	03	36		
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.5	fat	6	03	36	
ML	0106 Milks	0.03(F)	6	03	36		
VR	0589 Potato	0.02*	6	03	36		
PM	0110 Poultry meat	0.01*	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
PO	0111 Poultry, Edible offal of	0.01*	6	03	36		Animal commodity, no residues expected from consumption of feed commodities with famoxadone as evaluated by JMPR.
VC	0431 Squash, Summer	0.2	6	03	36		
VO	0448 Tomato	2	6	03	36		
GC	0654 Wheat	0.1	6	03	36		

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CM	0654	Wheat bran, Unprocessed	0.2	6	03	36
AS	0654	Wheat straw and fodder, Dry	7	6	03	36

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209 Methoxyfenozide

Main Uses 8 Insecticide

JMPR 03

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

AcuteRfD 0.9 mg/kg body weight (2003)

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

- 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		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AM	0660 Almond hulls	50	6	03	36		
AB	0226 Apple pomace, Dry	7	6	03	36		
VB	0400 Broccoli	3	6	03	36		
VB	0041 Cabbages, Head	7	6	03	36		
VS	0624 Celery	15	6	03	36		
SO	0691 Cotton seed	7	6	03	36		
DF	0269 Dried grapes (=currants, raisins and sultanas)	3	6	03	36		
MO	0105 Edible offal (mammalian) [except cattle]	0.02	6	03	36		
PE	0112 Eggs	0.01	6	03	36		
FB	0269 Grapes	1	6	03	36		
VL	0482 Lettuce, Head	15	6	03	36		
VL	0483 Lettuce, Leaf	30	6	03	36		
GC	0645 Maize	0.02 (*)	6	03	36		
AS	0645 Maize fodder	60	6	03	36		
AF	0645 Maize forage	50	6	03	36		
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.05 (fat)	6	03	36		
ML	0106 Milks	0.01	6	03	36		
VL	0485 Mustard greens	30	6	03	36		
VO	0051 Peppers	2	6	03	36		
FP	0009 Pome fruits	2	6	03	36		

- Part.A1 -

FP	0009	Pome fruits	2		6	03	36
PM	0110	Poultry meat	0.01	(*)	6	03	36
PO	0111	Poultry, Edible offal of	0.01	(*)	6	03	36
DF	0014	Prunes	2		6	03	36
VL	0502	Spinach	50		6	03	36
FS	0012	Stone fruits	2		6	03	36
VO	0447	Sweet corn (corn-on-the-cob)	0.02	(*)	6	03	36
VO	0448	Tomato	2		6	03	36
TN	0085	Tree nuts	0.1		6	03	36

Animal commodity, no residues expected from consumption of feed commodities with metoxyfenozide residues as evaluated by the JMPR.

Animal commodity, no residues expected from consumption of feed commodities with metoxyfenozide residues as evaluated by the JMPR.

The information provided to the JMPR precludes an estimate that the dietary intake would be below the acute RfD for children. CCPR 36: MRL for spinach should not be advanced beyond Step 6 unless the acute intake concern for children had been resolved (36-175).

- Part.A1 -

210 Pyraclostrobin

Main Uses 5 Fungicide

JMPR 04

ADI 0-0.03 mg/kg body weight 2003

AcuteRfD 0.05 mg/kg body weight (2003)

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
AM	0660 Almond hulls	2		3	04	37		
TN	0660 Almonds	0.02	(*)	3	04	37		
FI	0327 Banana	0.02	(*)	3	04	37		
GC	0640 Barley	0.5		3	04	37		
VD	0071 Beans (dry)	0.2		3	04	37		
FB	0020 Blueberries	1		3	04	37		
VR	0577 Carrot	0.5		3	04	37		
FS	0013 Cherries	1		3	04	37		
FC	0001 Citrus fruits	1		3	04	37		
DF	0269 Dried grapes (=currants, raisins and sultanas)	5		3	04	37		
MO	0105 Edible offal (mammalian) [except cattle]	0.05	(*)	3	04	37		
PE	0112 Eggs	0.05	(*)	3	04	37		
AV	1051 Fodder beet leaves or tops	50		3	04	37		
VA	0381 Garlic	0.05	(*)	3	04	37		
FB	0269 Grapes	2		3	04	37		
VD	0533 Lentil (dry)	0.5		3	04	37		
GC	0645 Maize	0.02	(*)	3	04	37		
FI	0345 Mango	0.05	(*)	3	04	37		
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.5	(fat)	3	04	37		
ML	0106 Milks	0.03		3	04	37		
GC	0647 Oats	0.5		3	04	37		
VA	0385 Onion, Bulb	0.2		3	04	37		

- Part.A1 -

FI	0350	Papaya	0.05	(*)	3	04	37
AL	0072	Pea hay or pea fodder (dry)	30		3	04	37
AL	0528	Pea vines (green)	40		3	04	37
FS	0247	Peach	0.5		3	04	37
AL	0697	Peanut fodder	50		3	04	37
SO	0703	Peanut, whole	0.02	(*)	3	04	37
VD	0072	Peas (dry)	0.3		3	04	37
TN	0672	Pecan	0.02	(*)	3	04	37
TN	0675	Pistachio nuts	1		3	04	37
FS	0014	Plums (including prunes)	0.3		3	04	37
VR	0589	Potato	0.02	(*)	3	04	37
PM	0110	Poultry meat	0.05	(*)	3	04	37
PO	0111	Poultry, Edible offal of	0.05	(*)	3	04	37
VR	0494	Radish	0.5		3	04	37
VL	0494	Radish leaves (including radish tops)	20		3	04	37
VC	0431	Squash, Summer	0.3		3	04	37
AS	0081	Straw and fodder (dry) of cereal grains	30		3	04	37
FB	0275	Strawberry	0.5		3	04	37
VR	0596	Sugar beet	0.2		3	04	37
VO	0448	Tomato	0.3		3	04	37
GC	0654	Wheat	0.2		3	04	37

- Part.A1 -

211 Fludioxonil

Main Uses 5 Fungicide

JMPR 04,

ADI 0-0.4 mg/kg body weight 2004

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 animal commodities: sum of fludioxonil and metabolites determined as 2,2-difluorobenzo[1,1]dioxole-4carboxylic acid, expressed as fludioxonil. Fludioxonil is fat-soluble.

Commodity Code	Commodity Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
HH	0722 Basil	10		3	04	37		
DH	0722 Basil, Dry	50		3	04	37		
VD	0071 Beans (dry)	0.07		3	04	37		
VP	0061 Beans, except broad bean and soya bean	0.3		3	04	37		
VP	0062 Beans, Shelled	0.03		3	04	37		
FB	0264 Blackberries	5		3	04	37		
FB	0020 Blueberries	2		3	04	37		
VB	0400 Broccoli	0.7		3	04	37		
VB	0041 Cabbages, Head	2		3	04	37		
VR	0577 Carrot	0.7		3	04	37		
GC	0080 Cereal grains	0.05	(*)	3	04	37		
HH	0727 Chives	10		3	04	37		
HH	0727 Chives (dried)	50		3	04	37		
FC	0001 Citrus fruits	7		3	04	37		
SO	0691 Cotton seed	0.05	(*)	3	04	37		
VC	0424 Cucumber	0.3		3	04	37		
FB	0266 Dewberries (including boysenberry and loganberry)	5		3	04	37		
MO	0105 Edible offal (mammalian) [except cattle]	0.05	(*)	3	04	37		
VO	0440 Egg plant	0.3		3	04	37		
PE	0112 Eggs	0.05	(*)	3	04	37		
FB	0269 Grapes	2		3	04	37		

- Part.A1 -

FI	0341	Kiwifruit	15	Po	3	04	37
VL	0482	Lettuce, Head	10		3	04	37
AF	0645	Maize forage	0.03	(*)	3	04	37
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.01	(*)	3	04	37
VC	0046	Melons, except watermelon	0.03		3	04	37
ML	0106	Milks	0.01		3	04	37
VL	0485	Mustard greens	10		3	04	37
VA	0385	Onion, Bulb	0.5		3	04	37
VA	0389	Onion, Spring	5		3	04	37
FP	0230	Pear	0.7		3	04	37
VD	0072	Peas (dry)	0.07		3	04	37
VP	0063	Peas (pods and succulent=immature seeds)	0.3		3	04	37
VP	0064	Peas, Shelled (succulent seeds)	0.03		3	04	37
VO	0445	Peppers, Sweet	1		3	04	37
TN	0675	Pistachio nuts	0.2		3	04	37
TN	0675	Pistachio nuts	0.2		3	04	37
VR	0589	Potato	0.02		3	04	37
PM	0110	Poultry meat	0.01	(*)	3	04	37
PO	0111	Poultry, Edible offal of	0.05	(*)	3	04	37
SO	0495	Rape seed	0.02	(*)	3	04	37
FB	0272	Raspberries, Red, Black	5		3	04	37
VC	0431	Squash, Summer	0.3		3	04	37
FS	0012	Stone fruits	5	Po	3	04	37
AS	0081	Straw and fodder (dry) of cereal grains	0.06	(*)	3	04	37
FB	0275	Strawberry	3		3	04	37
VO	0447	Sweet corn (corn-on-the-cob)	0.01	(*)	3	04	37

- Part.A1 -

VO	0448 Tomato	0.5	3	04	37
VL	0473 Watercress	10	3	04	37

- Part.A1 -

212 Metalaxyl-M

Main Uses 5 Fungicide

JMPR

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

RESIDUE Residue (of metalaxyl including metalaxyl-M0 for compliance with MRLs and estimation of dietary intake in plant commodities: metalaxyl. Residue (of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in animal commodities: sum of metalaxyl and metabolites containing the 2,6-dimethylaniline moiety, expressed as metalaxyl.

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
FP	0226 Apple	0.02	(*)	3	04	37		
SB	0715 Cacao beans	0.02		3	04	37		
FB	0269 Grapes	1		3	04	37		
VL	0482 Lettuce, Head	0.5		3	04	37		
VA	0385 Onion, Bulb	0.03		3	04	37		
VO	0445 Peppers, Sweet	0.5		3	04	37		
VR	0589 Potato	0.02	(*)	3	04	37		
VL	0502 Spinach	0.1		3	04	37		
SO	0702 Sunflower seed	0.02	(*)	3	04	37		
VO	0448 Tomato	0.2		3	04	37		

- Part.A1 -

213 Trifloxystrobin

Main Uses 5 Fungicide

JMPR 04

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

RESIDUE In plant commodities for compliance with MRLs: trifloxystrobin; for estimation of dietary intake: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxyethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin. Residue in animal commodities for compliance with MRLs and estimation of dietary intake: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxyethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin. The residue is fat-soluble.

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
AM	0660 Almond hulls	3	dry wt	3	04	37	
FI	0327 Banana	0.05		3	04	37	
GC	0640 Barley	0.5		3	04	37	
AS	0640 Barley straw and fodder,	7	dry wt	3	04	37	
VB	0402 Brussels sprouts	0.1		3	04	37	
VB	0041 Cabbages, Head	0.5		3	04	37	
VR	0577 Carrot	0.1		3	04	37	
VS	0624 Celery	1		3	04	37	
FC	0001 Citrus fruits	0.5		3	04	37	STMR, STMR-P based on whole fruit residue data
AB	0001 Citrus pulp, Dry	1	dry wt	3	04	37	
DF	0269 Dried grapes (=currants, raisins and sultanas)	5		3	04	37	
PE	0112 Eggs	0.04	(*)	3	04	37	
VB	0042 Flowerhead brassicas	0.5		3	04	37	
VC	0045 Fruiting vegetables, Cucurbits	0.3		3	04	37	
FB	0269 Grapes	3		3	04	37	
DH	1100 Hops, Dry	40		3	04	37	
MO	0098 Kidney of cattle, goats, pigs & sheep	0.04	(*)	3	04	37	
VA	0384 Leek	0.7		3	04	37	
MO	0099 Liver of cattle, goats, pigs & sheep	0.05		3	04	37	

- Part.A1 -

GC	0645	Maize	0.02	(*)		3	04	37
AS	0645	Maize fodder	10		dry wt	3	04	37
MM	0095	Meat (from mammals other than marine mammals) [except cattle]	0.05		(fat)	3	04	37
ML	0106	Milks	0.02	(*)		3	04	37
SO	0697	Peanut	0.02	(*)		3	04	37
AL	0697	Peanut fodder	5			3	04	37
VO	0445	Peppers, Sweet	0.3			3	04	37
FP	0009	Pome fruits	0.7			3	04	37
VR	0589	Potato	0.02	(*)		3	04	37
PM	0110	Poultry meat	0.04	(*)	(fat)	3	04	37
PO	0111	Poultry, Edible offal of	0.04	(*)		3	04	37
GC	0649	Rice	5			3	04	37
CM	1206	Rice bran, Unprocessed	7		dry wt	3	04	37
AS	0649	Rice straw and fodder, Dry	10		dry wt	3	04	37
FS	0012	Stone fruits	3			3	04	37
FB	0275	Strawberry	0.2			3	04	37
VR	0596	Sugar beet	0.05			3	04	37
AV	0596	Sugar beet leaves or tops	15		dry wt	3	04	37
DM	0596	Sugar beet molasses	0.1		dry wt	3	04	37
AB	0596	Sugar beet pulp, Dry	0.2			3	04	37
VO	0448	Tomato	0.7			3	04	37
TN	0085	Tree nuts	0.02	(*)		3	04	37
GC	0654	Wheat	0.2			3	04	37
CM	0654	Wheat bran, Unprocessed	0.5		dry wt	3	04	37
AS	0654	Wheat straw and fodder, Dry	5		dry wt	3	04	37

PART A.2

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

(At Various Steps of the Codex Procedure)

- Part A2 -

1 Aldrin and Dieldrin

Main Uses 8 Insecticide

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

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

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
VA	0035 Bulb vegetables	0.05		CXL			1997	
GC	0080 Cereal grains	0.02		CXL				
FC	0001 Citrus fruits	0.05		CXL			1997	
PE	0112 Eggs	0.1		CXL				
VC	0045 Fruiting vegetables, Cucurbits	0.1		CXL			1997	
VL	0053 Leafy vegetables	0.05		CXL			1997	
VP	0060 Legume vegetables	0.05		CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	0.2	(fat)	CXL				
ML	0106 Milks	0.006	F	CXL				
FP	0009 Pome fruits	0.05		CXL			1997	
PM	0110 Poultry meat	0.2	(fat)	CXL			1997	
VD	0070 Pulses	0.05		CXL			1997	
VR	0075 Root and tuber vegetables	0.1		CXL			1997	

- Part A2 -

12 Chlordane

Main Uses 8 Insecticide

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

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

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

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

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
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) [except cattle]	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				

- Part A2 -

21 DDT

Main Uses 8 Insecticide

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

ADI 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)

Commodity		MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name							
VR	0577 Carrot	0.2		CXL			1997	
GC	0080 Cereal grains	0.1		CXL				
PE	0112 Eggs	0.1		CXL			1997	
MM	0095 Meat (from mammals other than marine mammals) [except cattle]	5	(fat) T	CXL				
ML	0106 Milks	0.02	F	CXL			1997	
PM	0110 Poultry meat	0.3		CXL	00	35	2003	Add "(fat)"

- Part A2 -

33 Endrin

Main Uses 8 Insecticide

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

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

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

Commodity							
Code	Name	MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
VC	0045 Fruiting vegetables, Cucurbits	0.05	CXL			1997	
PM	0110 Poultry meat	0.1			(fat)	CXL	1997

- Part A2 -

43 Heptachlor

Main Uses 8 Insecticide

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

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

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

Code	Name	MRL		Step	JMPR	CCPR and prior CCPR	CAC	Note
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) [except cattle]	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 A3 -

PART A.3

- Part A3 -

LIST OF PESTICIDES FOR WHICH GUIDELINE LEVELS HAVE BEEN SET

- Part A3 -

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	Name	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 exposed to air for a period of at last 24 h after fumigation and before sampling
TN	0085 Tree nuts	10	Po		79, 85	31	17	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
TN	0085 Tree nuts	0.01	(*) Po		79	31	17	To apply to commodity at point of retail sale or when offered for consumption

- Part A3 -

14 Guazatine

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

RESIDUE Guazatine.

Note Until 1986 the ISO name guazatine was applied to iminocytadine. However, now the ISO name guazatine applies to a reaction mixture. The proposals remain as guideline levels until a new ADI is recommended. Previous ADI 0.03 mg/kg bw (1978).

Commodity		MRL	Step	JMPR	CCPR and prior CCPR	CAC	Note
Code	Name						
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)

PART A.4

PART A. 4 PROPOSED DRAFT MRLS FOR SPICES

Table A. 4.1. Proposed Draft Recommended MRLs for Spices¹

Pesticide	Group or Sub-Group of Spices	Proposed draft MRL (mg/kg)	Step
Acephate (095)	Entire Group 028 ³	0.2(*)	3
Azinphos-methyl (002)	Entire Group 028 ³	0.5(*)	3
Chlorpyrifos (017)	Seeds	5	3
	Fruits or berries	1	
	Roots or rhizomes	1	
Chlorpyrifos-methyl (090)	Seeds	1	3
	Fruits	0.3	
	Roots/rhizomes	5	
Cypermethrin (118)	Fruits or berries	0.1	3
	Roots or rhizomes	0.2	
Diazinon (22)	Seeds	5	3
	Fruits	0.1 (*)	
	Roots or rhizomes	0.5	
Dichlorvos((025)	Entire Group 028 ³	0.1(*)	3
Dicofol (026)	Seeds	0.05(*)	3
	Fruits or berries	0.1	
	Roots/rhizomes	0.1	
Dimethoate (027)	Seeds	5	3
	Fruits or berries	0.5	
	Roots or rhizomes	0.1(*)	
Disulfoton (074)	Entire Group 028 ³	0.05(*)	3
Endosulfan (032) (total)	Seeds	1	3
	Fruits or berries	5	
	Roots or rhizomes	0.5	
Ethion (034)	Seeds	3	3
	Fruits or berries	5	
	Roots or rhizomes	0.3	
Fenitrothion (037)	Seeds	7	3
	Fruits or berries	1	3
	Roots or rhizomes	0.1(*)	3
Iprodion (111)	Seeds	0.05(*)	3
	Roots or rhizomes	0.1	3
Malathion (049)	Seeds	2	3

Pesticide	Group or Sub-Group of Spices	Proposed draft MRL (mg/kg)	Step
	Fruits or berries	1	3
	Roots or rhizomes	0.5	3
Metalaxyl (138)	Seeds	5	3
Methamidophos (100)	Entire Group 028 ³	0.1(*)	3
Mevinphos (053)	Seeds	5	3
	Fruits or berries	0.2(*)	
	Roots or rhizomes	1	
Parathion (058)	Seeds	0.1 (*)	3
	Fruits or berries	0.2	3
	Roots or rhizomes	0.2	3
Parathion-methyl (059)	Seeds	5	3
	Fruits or berries	5	
	Roots or rhizomes	3	
Permethrin (120)	Entire Group 028 ³	0.05 (*)	3
Phenthoate 128)	Seeds	7 ^c	3
Phorate (112)	Seeds sub-group	0.5	3
	Fruits or berries	0.1(*)	3
	Roots or rhizomes	0.1(*)	3
Phosalone (060)	Seeds	2	3
	Fruits	2	3
	Roots/rhizomes	3	3
Pirimicarb (101)	Seeds	5	3
Pirimiphos-methyl (086)	Seeds sub-group	3	3
	Fruits sub-group	0.5	
Quintozene (064)	Seeds sub-group	0.1	3
	Fruits or berries	0.02	
	Roots or rhizomes	2	
Vinclozolin (159)	Entire spice group ³	0.05 (*)	3

¹ The residue definitions remain the same as those recommended for the given pesticide in other plant commodities.

³ The Group of A28 as modified by the 36th Session of CCPR

Table A. 4.2 Proposed Draft Maximum Residue Levels in/on Dried Chili Peppers¹

	Pesticide	Recommended MRL for dried chili pepper, (mg/kg)	Step	Notes
177	Abamectin	0.2	3	
95	Acephate	50	3	
2	Azinphos-methyl	10	3	
155	Benalaxyl	0.5	3	
47	Bromide ion	200	3	
8	Carbaryl	50	3	
72	Carbendazim (based on chilli peper)	20	3	
81	Chlorothalonil	70	3	
17	Chlorpyrifos	20	3	
90	Chlorpyrifos-methyl	5	3	
157	Cyfluthrin	2	3	
67	Cyhexatin	5	3	
118	Cypermethrin	5	3	
169	Cyromazine	10	3	
22	Diazinon	0.5	3	
82	Dichlofluanid	20	3	
26	Dicofol	10	3	
27	Dimethoate	50	3	
87	Dinocap	2	3	
105	Dithiocarbamates	10	3	
106	Ethephon	50	3	
149	Ethoprophos	0.2	3	(a)
192	Fenarimol	5	3	
185	Fenpropathrin	10	3	
119	Fenvalerate	5	3	
206	Imidacloprid	1	3	
49	Malathion	1	3	
138	Metalaxyl	10	3	
100	Methamidophos	20	3	
94	Methomyl	10	3	(b)
209	Methoxyfenozide	20	3	
54	Monocrotophos	2	3	
126	Oxamyl	50	3	
120	Permethrin	10	3	
61	Phosphamidon	2	3	
62	Piperonyl butoxide	20	3	
101	Pirimicarb	20	3	
86	Pirimiphos-methyl	10	3	(c)
136	Procymidone	50	3	
171	Profenofos	50	3	

148	Propamocarb	10	3	
63	Pyrethrins	0.5	3	
64	Quintozene	0.1	3	
203	Spinosad	3	3	
189	Tebuconazole	5	3	
196	Tebufenozide	10	3	
162	Tolyfluanid	20	3	
133	Triadimefon	1	3	
168	Triadimenol	1	3	
159	Vinclozolin	30	3	

¹ The residue definitions remain the same as those recommended for the given pesticide in other plant commodities.

Notes:

- (a) The 2004 JMPR recommended a new maximum residue level of 0.05 mg/kg for sweet pepper
- (b) Withdrawn by the 2001 JMPR. The 2004 JMPR recommended a new maximum residue level of 0.7 mg/kg
- (c) Withdrawn by the 2003 JMPR

ANNEX 1**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

