

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of
the United Nations



World Health
Organization

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Agenda Item 6

CX/PR 19/51/5

March 2019

ORIGINAL LANGUAGE ONLY

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

51st Session

Macao SAR, P.R. China, 8-13 April 2019

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

This document contains the following:

Explanatory Notes

- Table 1** List of pesticides whose MRLs(CXLs) or GLs have been deleted by the Codex Alimentarius Commission and for which no MRLs have been proposed

Indices of Pesticides

- Part 1** List of maximum residue limits for pesticides in food and feed (at various Steps of the Codex Procedure)
- Part 2** List of extraneous maximum residue limits for pesticides in food and animal feeds (at various Steps of the Codex Procedure)
- Part 3** List of pesticides for which guideline levels have been set

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

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

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

2. QUALIFICATION OF MRLS

- (*) (following MRLs) : At or about the limit of quantification.
- E (following MRLs) : The MRL based on extraneous residues.
- EMRL** (as heading) : Extraneous Maximum Residue Limit.
- F** (following MRLs for milk) : The residue is fat soluble and MRLs for milk and milk products are derived as explained in the introductions to Volume 2 of the *Codex Alimentarius*.
The 2004 JMPR decided that, for fat-soluble pesticides, two maximum residue levels will be estimated, if data permit: one for whole milk and one for milk fat. For enforcement purposes, a comparison can be made either of the residue in milk fat with the MRL for milk (fat) or of the residue in whole milk with the MRL for milk (for details see: Report of the JMPR 2004, "2.7 Revisited: MRLs for fat-soluble pesticides in milk and milk products", pages 24-25.
- (fat)** (following MRLs for meat) : The MRL applies to the fat of the meat.
- GL** (as heading) : Guideline Level. GLs are elaborated by the CCPR up to Step 4 of the Procedure and held there pending "acceptable daily intakes" or "temporary acceptable intakes" being estimated for the pesticides in question by the JMPR. **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** : Recommend to the Codex Alimentarius Commission to delete the CXL, pending decision by the Commission.
- MRL-W** : Recommend to the Codex Alimentarius Commission to delete the Draft and Proposed Draft Maximum Residue Limits, pending decision by the Commission.
- 1** : Recommendation of priority compounds by CCPR, involving the Ad Hoc Working group on Priorities.
- 2** : First evaluation of the compound by the Joint FAO/WHO Meeting on Pesticide Residues; estimation of an ADI and of MRLs (draft MRLs or proposed Codex MRLs).
- 3** : Submission of the proposed Codex MRLs to governments for a first round of comments.
- 4** : First discussion of the proposed MRLs by the CCPR in the light of the comments received.
- 5** : Submission of the proposed Codex MRLs to the Codex Alimentarius Commission in the light of the CCPR-discussion, for consideration.
- 6** : Submission of the proposed Codex MRLs to governments for a second round of comments.
- 7** : Final discussion of the proposed Codex MRLs by the CCPR in the light of comments received.
- 8** : Consideration by the CAC in view of adoption of the proposal as Codex MRL (CXL).
- 5/8** : The proposed codex MRL is submitted to the Commission at Step 5; as there seems to be no controversy and no need for further discussion at Steps 6 and 7, omission of these Steps is recommended to the Commission.
- (a) (following Step number) : The MRL is a proposed amendment to a CXL.

4. REFERENCES

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

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

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

5. JMPR EVALUATIONS

- T : Toxicological Evaluation
- R : Residue Evaluation
- only year : Both toxicological and residue evaluations
- after year : Periodic Review
- brackets : Tentative year for JMPR evaluation

6. REPORTS OF CCPR SESSIONS

Session No.	Year	Document Reference No.	Session No.	Year	Document Reference No.
1	1966	ALINORM 66/24	26	1994	ALINORM 95/24
2	1967	ALINORM 68/24	27	1995	ALINORM 95/24A
3	1968	ALINORM 69/24	28	1996	ALINORM 97/24
4	1969	ALINORM 70/24	29	1997	ALINORM 97/24A
5	1970	ALINORM 71/24	30	1998	ALINORM 99/24
6	1972	ALINORM 72/24A	31	1999	ALINORM 99/24A
7	1974	ALINORM 74/24	32	2000	ALINORM 01/24
8	1975	ALINORM 76/24	33	2001	ALINORM 01/24A
9	1977	ALINORM 78/24	34	2002	ALINORM 03/24
10	1978	ALINORM 79/24	35	2003	ALINORM 03/26A
11	1979	ALINORM 79/24A	36	2004	ALINORM 04/27/24
12	1980	ALINORM 81/24	37	2005	ALINORM 05/28/24
13	1981	ALINORM 83/24	38	2006	ALINORM 06/29/24
14	1982	ALINORM 83/24A	39	2007	ALINORM 07/30/24
15	1983	ALINORM 85/24	40	2008	ALINORM 08/31/24
16	1984	ALINORM 85/24A	41	2009	ALINORM 09/32/24
17	1985	ALINORM 85/24B	42	2010	ALINORM 10/33/24
18	1986	ALINORM 87/24	43	2011	REP11/PR
19	1987	ALINORM 87/24A	44	2012	REP12/PR
20	1988	ALINORM 89/24	45	2013	REP13/PR
21	1989	ALINORM 89/24A	46	2014	REP14/PR
22	1990	ALINORM 91/24	47	2015	REP15/PR
23	1991	ALINORM 91/24A	48	2016	REP16/PR
24	1992	ALINORM 93/24	49	2017	REP17/PR
25	1993	ALINORM 93/24A	50	2018	REP18/PR

6. CLASSIFICATION OF USES

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

INDEX OF PESTICIDES IN ALPHABETICAL ORDER

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 AMINOCARB (134)
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 BENDIOCARB (137)
 BENOMYL (69)
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 BENZOVINDIFLUPYR (261)
 BETA CYFLUTHRIN (228)
 BICYCLOPYRONE (295)
 BIFENAZATE (219)
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 BITERTANOL (144)
 BIXAFEN (262)
 BOSCALID (221)
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 CAPTAN (7)
 CARBARYL (8)
 CARBENDAZIM (72)
 CARBOFURAN (96)
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 CARBON TETRACHLORIDE (10)
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3	BINAPACRYL	52	METHYL BROMIDE	101	PIRIMICARB
4	BROMOPHOS	53	MEVINPHOS	102	MALEIC HYDRAZIDE
5	BROMOPHOS-ETHYL	54	MONOCROTOPHOS	103	PHOSMET
6	CAPTAFOFOL	55	OMETHOATE	104	DAMINOZIDE
7	CAPTAN	56	2-PHENYLPHENOL	105	DITHIOCARBAMATES
8	CARBARYL	57	PARAQUAT	106	ETHEPHON
9	CARBON DISULPHIDE	58	PARATHION	107	ETHIOFENCARB
10	CARBON TETRACHLORIDE	59	PARATHION-METHYL	108	ETHYLENE THIOUREA (ETU)
11	CARBOPHENOTHION	60	PHOSALONE	109	FENBUTATIN OXIDE
12	CHLORDANE	61	PHOSPHAMIDON	110	IMAZALIL
13	CHLORDIMEFORM	62	PIPERONYL BUTOXIDE	111	IPRODIONE
14	CHLORFENVINPHOS	63	PYRETHRINS	112	PHORATE
15	CHLORMEQUAT	64	QUINTOZENE	113	PROPARGITE
16	CHLOROBENZILATE	65	THIABENDAZOLE	114	GUAZATINE
17	CHLORPYRIFOS	66	TRICHLORFON	115	TECNAZENE
18	COUMAPHOS	67	CYHEXATIN	116	TRIFORINE
19	CRUFOMATE	68	AZINPHOS-ETHYL	117	ALDICARB
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21	DDT	70	BROMOPROPYLATE	119	FENVALERATE
22	DIAZINON	71	CAMPHECHLOR	120	PERMETHRIN
23	1,2-DIBROMOETHANE	72	CARBENDAZIM	121	2,4,5-T
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26	DICOFOL	75	PROPOXUR	124	MECARBAM
27	DIMETHOATE	76	THIOMETON	125	METHACRIFOS
28	DIOXATHION	77	THIOPHANATE-METHYL	126	OXAMYL
29	DIPHENYL	78	VAMIDOTHION	127	PHENOTHRIN
30	DIPHENYLAMINE	79	AMITROLE	128	PHENTHOATE
31	DIQUAT	80	CHINOMETHIONAT	129	AZOCYCLOTIN
32	ENDOSULFAN	81	CHLOROTHALONIL	130	DIFLUBENZURON
33	ENDRIN	82	DICHLORFLUANID	131	ISOFENPHOS
34	ETHION	83	DICLORAN	132	METHIOCARB
35	ETHOXYQUIN	84	DODINE	133	TRIADIMEFON
36	FENCHLORPHOS	85	FENAMIPHOS	134	AMINOCARB
37	FENITROTHION	86	PIRIMIPHOS-METHYL	135	DELTAMETHRIN
38	FENSULFOTHION	87	DINOCAP	136	PROCYMIDONE
39	FENTHION	88	LEPTOPHOS	137	BENDIOCARB
40	FENTIN	89	SEC-BUTYLAMINE	138	METALAXYL
41	FOLPET	90	CHLORPYRIFOS-METHYL	139	BUTOCARBOXIM
42	FORMOTHION	91	CYANOFENPHOS	140	NITROFEN
43	HEPTACHLOR	92	DEMETON	141	PHOXIM
44	HEXACHLOROENZENE	93	BIORESMETHRIN	142	PROCHLORAZ
45	HYDROGEN CYANIDE	94	METHOMYL	143	TRIAZOPHOS
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47	BROMIDE ION	96	CARBOFURAN	145	CARBOSULFAN
48	LINDANE	97	CARTAP	146	CYHALOTHRIN
49	MALATHION	98	DIALIFOS	147	METHOPRENE

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150	PROPYLENE THIOUREA (PTU)	199	KRESOXIM-METHYL	249	ISOPYRAZAM
151	DIMETHIPIN	200	PYRIPROXYFEN	250	PROPYLENE OXIDE
152	FLUCYTHRINATE	201	CHLORPROPHAM	251	SAFLUFENACIL
153	PYRAZOPHOS	202	FIPRONIL	252	SULFOXAFLOR
154	THIODICARB	203	SPINOZAD	253	PENTHIOPYRAD
155	BENALAXYL	204	ESFENVALERATE	254	CHLORFENAPYR
156	CLOFENTEZINE	205	FLUTOLANIL	255	DINOTEFURAN
157	CYFLUTHRIN	206	IMIDACLOPRID	256	FLUXAPYROXAD
158	GLYPHOSATE	207	CYPRODINIL	257	MCPA
159	VINCLOZOLIN	208	FAMOXADONE	258	PICOXYSTROBIN
160	PROPICONAZOLE	209	METHOXYFENOZIDE	259	SEDAXANE
161	PACLOBUTRAZOL	210	PYRACLOSTROBIN	260	AMETOCTRADIN
162	TOLYLFLUANID	211	FLUDIOXONIL	261	BENZOINDIFLUPYR
163	ANILAZINE	212	METALAXYL-M	262	BIXAFEN
164	DEMETON-S-METHYLSULPHON	213	TRIFLOXYSTROBIN	263	CYANTRANILIPROLE
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169	CYROMAZINE	218	SULFURYL FLUORIDE	268	ISOXAFLUTOLE
170	HEXACONAZOLE	219	BIFENAZATE	269	TOLFENPYRAD
171	PROFENOFOS	220	AMINOPYRALID	270	TRIFLUMIZOLE
172	BENTAZONE	221	BOSCALID	271	TRINEXAPAC-ETHYL
173	BUPROFEZIN	222	QUINOXYFEN	272	AMINOCYCLOPYRACHLOR
174	CADUSAFOS	223	THIACLOPRID	273	CYFLUMETOFEN
175	GLUFOSINATE-AMMONIUM	224	DIFENOCONAZOLE	274	DICHLOBENIL
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178	BIFENTHRIN	227	ZOXAMIDE	277	MESOTRIONE
179	CYCLOXYDIM	228	BETA CYFLUTHRIN	278	METRAFENONE
180	DITHIANON	229	AZOXYSTROBIN	279	PYMETROZINE
181	MYCLOBUTANIL	230	CHLORANTRANILIPROLE	280	ACETOCHLOR
182	PENCONAZOLE	231	MANDIPROPAMID	281	CYAZOFAMID
183	PROPHAM	232	PROTHIOCONAZOLE	282	FLONICAMID
184	ETOFENPROX	233	SPINETORAM	283	FLUAZIFOP-P-BUTYL
185	FENPROPATHRIN	234	SPIROTETRAMATE	284	FLUMIOXAZIN
186	METIRAM	235	FLUOPICOLIDE	285	FLUPYRADIFURONE
187	CLETHODIM	236	METAFLUMIZONE	286	LUFENURON
188	FENPROPIMORPH	237	SPIRODICLOFEN	287	QUINCLORAC
189	TEBUCONAZOLE	238	CLOTHIANIDIN	288	ACIBENZOLAR-S-METHYL
190	TEFLUBENZURON	239	CYPROCONAZOLE	289	IMAZETHAPYR
191	TOLCLOFOS-METHYL	240	DICAMBA	290	ISOFETAMID
192	FENARIMOL	241	ETOXAZOLE	291	OXATHIPIPROLIN
193	FENPYROXIMATE	242	FLUBENDIAMIDE	292	PENDIMETHALIN
194	HALOXYFOP	243	FLUOPYRAM	293	PINOXADEN
195	FLUMETHRIN	244	MEPTYLDINOCAP	294	SPIROMESIFEN
196	TEBUFENOZIDE	245	THIAMETHOXAM	295	BICYCLOPYRONE
		246	ACETAMIPRID	296	CYCLANILIPROLE
				297	FENAZAQUIN

298 FENPYRAZAMINE
299 ISOPROTHIOLANE
300 NATAMYCIN
301 PHOSPHONIC ACID (301)
302 FOSETYL AL (302)*
303 TRIFLUMEZOPYRIM
304 ETHIPROLE
305 FENPICOXAMID
306 FLUAZINAM
307 MANDESTROBIN
308 NORFLURAZON
309 PYDIFLUMETOFEN
310 PYRIOFENONE
311 TIOXAZAFEN

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

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
3	Binapacryl	1987	
4	Bromophos	1991	
5	Bromophos-Ethyl	1991	
6	Captafol	1987	
9	Carbon Disulphide	1991	
10	Carbon Tetrachloride	1991	
11	Carbophenothion	1993	
13	Chlordimeform	1988	
14	Chlorfenvinphos	1999	
16	Chlorobenzilate	1993	
18	Coumaphos	1993	
19	Crufomate	1991	
23	1,2-Dibromoethane	1991	
24	1,2-Dichloroethane	1991	
28	Dioxathion	1991	
29	Diphenyl	1993	
34	Ethion	2004	
36	Fenchlorphos	1991	
38	Fensulfothion	1995	
40	Fentin	2007	
42	Formothion	1995	
44	Hexachlorobenzene	1986	
45	Hydrogen Cyanide	1995	
50	Mancozeb		See Dithiocarbamates
53	Mevinphos	2009	
54	Monocrotophos	1997	
58	Parathion	2003	
61	Phosphamidon	2003	
66	Trichlorfon	1997	
68	Azinphos-Ethyl	1987	
69	Benomyl	2003	See Carbendazim
71	Camphechlor	1985	

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
73	Demeton-S-Methyl	1999	See Oxydemeton-Methyl
75	Propoxur	2001	
76	Thiometon	1999	
77	Thiophanate-Methyl	2003	See Carbendazim
78	Vamidotion	2001	
80	Chinomethionat	2001	
82	Dichlofluanid	2016	
88	Leptophos	1979	
89	Sec-Butylamine	1989	
91	Cyanofenphos	1985	
92	Demeton	1987	
93	Bioresmethrin	2016	
97	Cartap	1997	
98	Dialifos	1991	
99	Edifenphos	1997	
104	Daminozide	1993	
107	Ethiofencarb	1995	
108	Ethylene Thiourea	1995	
115	Tecnazene	2016	
121	2,4,5-T	1995	
123	Etrimfos	1997	
124	Mecarbam	2003	
125	Methacrifos	1997	
127	Phenothrin	1999	
128	Phenthoate	1999	
131	Isofenphos	1997	
134	Aminocarb	1985	
136	Procymidone	2011	
137	Bendiocarb	2004	
139	Butocarboxim	1991	
140	Nitrofen	1987	
141	Phoxim	1999	
150	Propylene Thiourea (Ptu)	1997	
152	Flucythrinate	2001	

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
153	Pyrazophos	2001	
154	Thiodicarb		See Methomyl
159	Vinclozolin	2011	
161	Paclobutrazol	2004	
162	Tolyfluanid	2016	
163	Anilazine	2003	
164	Demeton-S-Methylsulphon	1999	See Oxydemeton-Methyl
170	Hexaconazole	2004	
183	Propham	1995	
186	Metiram		See Dithiocarbamates
198	Aminomethyl Phosphonic Acid (Ampa)	2001	

2 Azinphos-Methyl

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2007)

ARfD: 0.1 mg/kg bw (2007)

Residue: Azinphos-methyl.

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GS 0659	Sugar cane	0.2			CXL				1995	
VO 0448	Tomato	1			CXL		29		1997	
AO 0002	Vegetables (except as otherwise listed)	0.5			CXL				1995	
TN 0678	Walnuts	0.3			CXL				1995	
VC 0432	Watermelon	0.2			CXL				1995	

7 Captan

Main Uses: Fungicide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.3 mg/kg bw (for women of child-bearing age) (2007)

Residue: For compliance with MRLs and for estimation of dietary exposure for plant and animal commodities: Captan. The residue is not fat-soluble

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

8 Carbaryl

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.008 mg/kg bw (2001)

ARfD: 0.2 mg/kg bw (2001)

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	50			CXL	02	36	35	2004	
VS 0621	Asparagus	15			CXL	02	36	35	2004	
VR 0574	Beetroot	0.1			CXL	02	36	35	2004	
VR 0577	Carrot	0.5			CXL	02	36	35	2004	
FC 0001	Citrus fruits	15			CXL	02	45	35-41	2013	
FB 0265	Cranberry	5			CXL	07	40		2008	
VO 0440	Egg plant	1			CXL	02	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	3			CXL	02	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1			CXL	02	36	35	2004	
GC 0645	Maize	0.02		(*)	CXL	02	36	35	2004	
AS 0645	Maize fodder (dry)	250			CXL	02	36	35	2004	
OC 0645	Maize oil, Crude	0.1			CXL	02	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL	02	36	35	2004	
ML 0106	Milks	0.05			CXL	02	36	35	2004	
OC 0305	Olive oil, virgin	25			CXL	02	36	35	2004	
VO 0444	Peppers Chili	0.5			CXL	07	40		2008	
HS 0444	Peppers Chili, dried	2			CXL	07	40		2008	
VO 0445	Peppers, sweet (including pimento or pimienta)	5			CXL	02	36	35	2004	
CM 1206	Rice bran, Unprocessed	170			CXL	02	36	35	2004	
CM 1207	Rice hulls	50			CXL	02	36	35	2004	
AS 0649	Rice straw and fodder, Dry	120			CXL	02	36	35	2004	
CM 1205	Rice, Polished	1			CXL	02	36	35	2004	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0651	Sorghum	10	Po T		CXL		31		1999	
AF 1053	Sorghum forage (dry)	50			CXL	02	36	35	2004	
VD 0541	Soya bean (dry)	0.2			CXL	02	35		2003	
AL 0541	Soya bean fodder	15			CXL	02	36	35	2004	
AB 0541	Soya bean hulls	0.3			CXL	02	36	35	2004	
OC 0541	Soya bean oil, crude	0.2			CXL	02	36	35	2004	
HS 0191	Spices, Fruits and Berries	0.8			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.1			CXL		43		2011	
SO 0702	Sunflower seed	0.2			CXL	02	36	35	2004	
OC 0702	Sunflower seed oil, crude	0.05			CXL	02	36	35	2004	
VO 0447	Sweet corn (corn-on-the-cob)	0.1			CXL	02	36	35	2004	
AB 0447	Sweet corn cannery waste	7.4			CXL	02	36	35	2004	
VR 0508	Sweet potato	0.02	(*)		CXL	02	36	35	2004	
FT 0305	Table Olives	30			CXL	02	36	35	2004	
VO 0448	Tomato	5			CXL	02	36	35	2004	
JF 0448	Tomato juice	3			CXL	02	36	35	2004	
VW 0448	Tomato paste	10			CXL	02	36	35	2004	
TN 0085	Tree nuts	1			CXL	02	36	35	2004	
VR 0506	Turnip, Garden	1			CXL	02	36	35	2004	
GC 0654	Wheat	2			CXL	02	36	35	2004	
CM 0654	Wheat bran, Unprocessed	2			CXL	02	36	35	2004	
CF 1211	Wheat flour	0.2			CXL	02	36	35	2004	
CF 1210	Wheat germ	1			CXL	02	36	35	2004	
AS 0654	Wheat straw and fodder, Dry	30			CXL	02	36	35	2004	

15 Chlormequat

Main Uses: Plant growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (1997)

ARfD: 0.05 mg/kg bw (1999)

Residue: For compliance with MRLs and for estimation of dietary exposure for plant and animal commodities: Sum of chlormequat cation. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	2			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	50	(dw)		CXL	2017	50		2018	
SO 0691	Cotton seed	0.5			CXL	2017	50		2018	Recommended for withdrawal by JMPR 2017.
MO 0105	Edible offal (mammalian)	1			CXL	2017	50		2018	
PE 0112	Eggs	0.1			CXL	2017	50		2018	
FB 0269	Grapes	0.04	(*)		CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	2017	50		2018	
ML 0106	Milks	0.3			CXL	2017	50		2018	
AS 0647	Oat straw and fodder, Dry	7	(dw)		CXL	2017	50		2018	
GC 0647	Oats	4			CXL	2017	50		2018	
PF 0111	Poultry fats	0.04	(*)		CXL	2017	50		2018	
PM 0110	Poultry meat	0.04	(*)		CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.1			CXL	2017	50		2018	
GC 0650	Rye	6			CXL	2017	50		2018	
CM 0650	Rye bran, Unprocessed	20			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, Dry	20	(dw)		CXL	2017	50		2018	
CF 1251	Rye wholemeal	8			CXL	2017	50		2018	
GC 0653	Triticale	5			CXL	2017	50		2018	
AS 0653	Triticale straw and fodder, Dry	80	(dw)		CXL	2017	50		2018	
GC 0654	Wheat	2			CXL	2017	50		2018	
CM 0654	Wheat bran, Unprocessed	7			CXL	2017	50		2018	
AS 0654	Wheat straw and fodder, Dry	80	(dw)		CXL	2017	50		2018	

17 Chlorpyrifos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.1 mg/kg bw (2006)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0247	Peach	0.5			CXL	00	35	34	2003	
VP 0063	Peas (pods and succulent=immature seeds)	0.01			CXL	00	35	34	2003	
TN 0672	Pecan	0.05		(*)	CXL	00	35	34	2003	
HS 0444	Peppers Chili, dried	20			CXL	04	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimiento)	2			CXL	00	35	34	2003	
MM 0818	Pig meat	0.02		(fat)	CXL	00	35	34	2003	
MO 0818	Pig, Edible offal of	0.01		(*)	CXL	00	35	34	2003	
FS 0014	Plums (including fresh prunes)	0.5			CXL	00	35	34	2003	
FP 0009	Pome fruits	1			CXL	00	35	34	2003	
VR 0589	Potato	2			CXL	04	37		2005	
PM 0110	Poultry meat	0.01		(fat)	CXL	00	35	34	2003	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	00	35	34	2003	
GC 0649	Rice	0.5			CXL	04	37		2005	
MM 0822	Sheep meat	1		(fat)	CXL	00	35	34	2003	
MO 0822	Sheep, Edible offal of	0.01			CXL	00	35	34	2003	
GC 0651	Sorghum	0.5			CXL	00	35	34	2003	
AS 0651	Sorghum straw and fodder, Dry	2			CXL	00	35	34	2003	
VD 0541	Soya bean (dry)	0.1			CXL	04	37		2005	
OR 0541	Soya bean oil, Refined	0.03			CXL	04	37		2005	
HS 0191	Spices, Fruits and Berries	1			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	1			CXL		37		2005	
HS 0190	Spices, Seeds	5			CXL		37		2005	
FB 0275	Strawberry	0.3			CXL	00	35	34	2003	
VR 0596	Sugar beet	0.05			CXL	00	35	34	2003	
VO 0447	Sweet corn (corn-on-the-cob)	0.01			CXL	00	35	34	2003	
DT 1114	Tea, Green, Black (black, fermented and dried)	2			CXL	04	37		2005	
TN 0678	Walnuts	0.05		(*)	CXL	00	35	34	2003	
GC 0654	Wheat	0.5			CXL	00	35	34	2003	
CF 1211	Wheat flour	0.1			CXL	00	35	34	2003	
AS 0654	Wheat straw and fodder, Dry	5			CXL	00	35	34	2003	

20 2,4-D

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw for sum of 2,4-D and its salts and esters expressed as 2,4-D (1996)

ARfD: Unnecessary (2001)

Residue: Definition of the residue (for compliance with MRLs and for estimation of dietary exposure) for plant and animal commodities: Sum of 2,4-D

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

22 Diazinon

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.005 mg/kg bw (2006)

ARfD: 0.03 mg/kg bw (2006)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03	V	The MRL accommodates external animal treatment.	CXL	96;99	36	30;33-35	2004	
FI 0341	Kiwifruit	0.2			CXL		28		1997	
VB 0405	Kohlrabi	0.2			CXL		28		1997	
VL 0482	Lettuce, Head	0.5			CXL		28		1997	
VL 0483	Lettuce, Leaf	0.5			CXL		28		1997	
MO 0099	Liver of cattle, goats, pigs & sheep	0.03	V	The MRL accommodates external animal treatment.	CXL	96;99	36	30;33-35	2004	
GC 0645	Maize	0.02	(*)		CXL				1995	
MM 0097	Meat of cattle, pigs & sheep	2	(fat) V	The MRL accommodates external animal treatment.	CXL	96;99	36	30;33-35	2004	
ML 0106	Milks	0.02	F	The MRL accommodates external animal treatment.	CXL	96;99			1995	
VA 0385	Onion, Bulb	0.05			CXL				1995	
FS 0247	Peach	0.2			CXL		28		1997	
HS 0444	Peppers Chili, dried	0.5			CXL	04	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.05			CXL				1995	
FI 0353	Pineapple	0.1			CXL		28		1997	
FS 0014	Plums (including fresh prunes)	1			CXL		28		1997	
FP 0009	Pome fruits	0.3			CXL	99	36	33-35	2004	
VR 0589	Potato	0.01	(*)		CXL				1995	
DF 0014	Prunes, dried	2			CXL		28		1997	
VR 0494	Radish	0.1			CXL		28		1997	
FB 0272	Raspberries, Red, Black	0.2			CXL		28		1997	
HS 0191	Spices, Fruits and Berries	0.1	(*)		CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.5			CXL		37		2005	
HS 0190	Spices, Seeds	5			CXL		37		2005	
VL 0502	Spinach	0.5			CXL		28		1997	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0389 Spring Onion	1			CXL		28		1997	
VC	0431 Squash, summer	0.05			CXL		28		1997	
FB	0275 Strawberry	0.1			CXL		28		1997	
VR	0596 Sugar beet	0.1			CXL				1995	
VO	0447 Sweet corn (corn-on-the-cob)	0.02			CXL				1995	
VO	0448 Tomato	0.5			CXL		28		1997	
TN	0678 Walnuts	0.01 (*)			CXL				1995	

25 Dichlorvos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.004 mg/kg bw (2011)

ARfD: 0.1 mg/kg bw (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Dichlorvos. The residue is not fat-soluble.

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

26 Dicofol

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.002 mg/kg bw (2011)

ARfD: 0.2 mg/kg bw (2011)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0191	Spices, Fruits and Berries	0.1			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.1			CXL		37		2005	
HS 0190	Spices, Seeds	0.05 (*)			CXL		37		2005	
DT 1114	Tea, Green, Black (black, fermented and dried)	40		DDT may be present in tea as a result of its presence as a contaminant in the technical grade dicofol.	CXL	12	45		2013	

27 Dimethoate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.02 mg/kg bw (2003)

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM	0110	Poultry meat	0.05	(*)	CXL	98	34	32	2003	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL	98	34	32	2003	
MO	0822	Sheep, Edible offal of	0.05	(*)	CXL	98	34	32	2003	
HS	0191	Spices, Fruits and Berries	0.5		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	0.1	(*)	CXL		37		2005	
HS	0190	Spices, Seeds	5		CXL		37		2005	
VR	0596	Sugar beet	0.05		CXL	98				
FT	0305	Table Olives	0.5		CXL	03	37	36	2005	
VL	0506	Turnip greens	1		CXL	98	37	32;35;36	2005	
VR	0506	Turnip; Garden	0.1		CXL	98	37	32;34-36	2005	
GC	0654	Wheat	0.05		CXL	03	37	36	2005	
AS	0654	Wheat straw and fodder, Dry	1		CXL	03	37	36	2005	

30 Diphenylamine

Main Uses: Storage scald preventer

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.08 mg/kg bw (1998)

ARfD: Unnecessary (1998)

Residue: Diphenylamine.

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

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

31 Diquat

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.006 mg/kg bw (2013)

ARfD: 0.8 mg/kg bw (2013)

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Diquat ion. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.02		(*)	CXL	2013	46		2014	
GC 0640	Barley	5			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR. Maintained the CXLs for barley; oats; and wheat under the 4 year rule awaiting data from Australia (46:40).
GC 0640	Barley	5			3	2018	51			
AS 0640	Barley straw and fodder, Dry	40		(dw)	3	2018	51			
VD 0071	Beans (dry)	0.2			CXL	94	30	28;29	1999	Maintained the CXLs for bean (dry) and lentil (dry) under the 4 year rule awaiting data from Canada and noted that the concern form regarding the revocation of these CXLs by the 2013 JMPR was no longer relevant (46:40). Withdrawal recommended by JMPR 2018.
VD 0071	Beans (dry)	0.05			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).
FT 2352	Cajou (pseudofruit)	0.02		(*)	CXL	2013	46		2014	
FT 0292	Cashew apple	0.02		(*)	CXL	2013	46		2014	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0295 Cashew nut	0.02 (*)			CXL	2013	46		2014	
VD	0524 Chick-pea (dry)	0.9			3	2018	51			
FC	0001 Citrus fruits	0.02 (*)			CXL	2013	46		2014	
SB	0716 Coffee beans	0.02 (*)			CXL	2013	46		2014	
VD	2065 Dry beans	0.4			3	2018	51			
VD	2066 Dry peas	0.9			3	2018	51			
MO	0105 Edible offal (mammalian)	0.05 (*)			CXL	94	30	28;29	1999	Maintained the CXLs for barley; oats; and wheat under the 4 year rule awaiting data from Australia and maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4.
MO	0105 Edible offal (mammalian)	0.01 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).
PE	0112 Eggs	0.05 (*)			CXL	94	30	28;29	1999	
PE	0112 Eggs	0.01 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR retained the MRLs for beans, dry and for livestock commodities at Step 4 and CXLs awaiting data from Canada and Australia (47:44).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0050	Fruiting vegetables other than cucurbits	0.01 (*)		(except sweetcorn, fungi and mushrooms)	CXL	2013	46		2014	
VD 0533	Lentil (dry)	0.2			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR. Maintained the CXLs for bean (dry) and lentil (dry) under the 4 year rule awaiting data from Canada and noted that the concern form regarding the revocation of these CXLs by the 2013 JMPR was no longer relevant (46:40).
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	94	30	28;29	1999	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).
ML 0106	Milks	0.01 (*)			CXL	94	30	28;29	1999	
ML 0106	Milks	0.001 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0647	Oats	2			CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR. Maintained the CXLs for barley; oats; and wheat under the 4 year rule awaiting data from Australia (46:40).
AL 0072	Pea hay or pea fodder (dry)	50			CXL	2013	46		2014	
VD 0072	Peas (dry)	0.3			CXL	2013	46		2014	Withdrawal recommended by JMPR 2018.
FP 0009	Pome fruits	0.02 (*)			CXL	2013	46		2014	
VR 0589	Potato	0.1			CXL	2013	46		2014	
PF 0111	Poultry fats	0.01 (*)			3	2018	51			
PM 0110	Poultry meat	0.05 (*)			CXL	94	30	28;29	1999	
PM 0110	Poultry meat	0.01 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	94	30	28;29	1999	
PO 0111	Poultry, Edible offal of	0.01 (*)			4	2013	46			Maintained the MRLs for beans (dry), edible offal (mammalian); eggs; meat (from mammals other than marine mammals); milks; poultry meat; and poultry, edible offal of at Step 4 (46:40). CCPR noted that MRLs for beans, dry and for livestock commodities at Step 4 and CXLs were retained awaiting data from Canada and Australia (47:44).
SO 0495	Rape seed	1.5			CXL	2013	46		2014	
GC 0650	Rye	1.5			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0650	Rye straw and fodder, Dry	40	(dw)	3	2018	51			
AB	0541	Soya bean hulls	1.5		3	2018	51			
VD	4521	Soybean (dry)	0.3		CXL	2013	46		2014	Withdrawal recommended by JMPR 2018.
FS	0012	Stone fruits	0.02	(*)	CXL	2013	46		2014	
FB	0275	Strawberry	0.05	(*)	CXL	2013	46		2014	
SO	0702	Sunflower seed	0.9		CXL	2013	46		2014	
GC	0653	Triticale	1.5		3	2018	51			
AS	0653	Triticale straw and fodder, Dry	40	(dw)	3	2018	51			
GC	0654	Wheat	2		CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR. Maintained the CXLs for barley; oats; and wheat under the 4 year rule awaiting data from Australia (46:40).
CM	0654	Wheat bran, Unprocessed	2		CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR.
CF	1211	Wheat flour	0.5		CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR.
CF	1212	Wheat wholemeal	2		CXL	94	46	28-30	1999	Withdrawal recommended by the 2013 JMPR.

32 Endosulfan

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.006 mg/kg bw (1998)

ARfD: 0.02 mg/kg bw (1998)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.5			CXL	06	39		2007	
SB 0715	Cacao beans	0.2			CXL	06	39		2007	
SB 0716	Coffee beans	0.2			CXL	06	39		2007	
SO 0691	Cotton seed	0.3			CXL	06	39		2007	
VC 0424	Cucumber	1			CXL	06	39		2007	
FI 0322	Custard apple	0.5			CXL	06	39		2007	
VO 0440	Egg plant	0.1			CXL	06	39		2007	
PE 0112	Eggs	0.03		(*)	CXL	06	39		2007	
TN 0666	Hazelnuts	0.02		(*)	CXL	06	39		2007	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03		(*)	CXL	06	39		2007	
FI 0343	Litchi	2			CXL	06	39		2007	
MO 0099	Liver of cattle, goats, pigs & sheep	0.1			CXL	06	39		2007	
GC 0669	Macadamia nuts	0.02		(*)	CXL	06	39		2007	
FI 0345	Mango	0.5			CXL	06	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.2		(fat)	CXL	06	39		2007	
VC 0046	Melons, except watermelon	2			CXL	06	39		2007	
FM 0183	Milk fats	0.1			CXL	06	39		2007	
ML 0106	Milks	0.01			CXL	06	39		2007	
FI 0350	Papaya	0.5			CXL	06	39		2007	
FI 0352	Persimmon, American	2			CXL	06	39		2007	
VR 0589	Potato	0.05		(*)	CXL	06	39		2007	
PM 0110	Poultry meat	0.03		(*)	CXL	06	39		2007	
PO 0111	Poultry, Edible offal of	0.03		(*)	CXL	06	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)	1		CXL	06	39		2007	
OC	0541	Soya bean oil, crude	2		CXL	06	39		2007	
HS	0191	Spices, Fruits and Berries	5		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	0.5		CXL		37		2005	
HS	0190	Spices, Seeds	1		CXL		37		2005	
VC	0431	Squash, summer	0.5		CXL	06	39		2007	
VR	0508	Sweet potato	0.05	(*)	CXL	06	39		2007	
DT	1114	Tea, Green, Black (black, fermented and dried)	10		CXL		43		2011	
VO	0448	Tomato	0.5		CXL		35	32;34	2003	

34 Ethion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.002 mg/kg bw (1990)

Residue: Ethion (fat-soluble).

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

35 Ethoxyquin

Main Uses: Scald control agent

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.005 mg/kg bw (2005)

ARfD: 0.5 mg/kg bw (2005)

Residue: Ethoxyquin

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

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

37 Fenitrothion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.7

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

ARfD: 0.04 mg/kg bw (2000)

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

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

39 Fenthion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.007 mg/kg bw (1995)

ARfD: 0.01 mg/kg bw (1997)

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

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

41 Folpet

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (1995)

ARfD: 0.2 mg/kg bw (for women of child-bearing age) (2004)

Residue: Folpet.

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

46 Hydrogen Phosphide

Main Uses: Fumigant

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

47 Bromide Ion

Main Uses: Generic

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 1 mg/kg bw (confirmed 1988)

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0494	Radish			CXL		28		1997	
HS	0093	Spices			CXL					
VC	0431	Squash, summer			CXL					
FB	0275	Strawberry			CXL					
VO	0448	Tomato			CXL					
VL	0506	Turnip greens			CXL		28		1997	
VR	0506	Turnip, Garden			CXL		28		1997	
CF	1212	Wheat wholemeal			CXL					

49 Malathion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.3 mg/kg bw (1997)

ARfD: 2 mg/kg bw (2003)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: malathion. The residue is fat-soluble.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb			CXL	99	36	33-35	2004	
VO	0051	Peppers			CXL	99	34	33	2003	
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
GC	0651	Sorghum			CXL	99	38	33-37	2006	
HS	0191	Spices, Fruits and Berries			CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes			CXL		37		2005	
HS	0190	Spices, Seeds			CXL		37		2005	
VL	0502	Spinach			CXL	99	34	33	2003	
VA	0389	Spring Onion			CXL	99	36	33,35	2004	
FB	0275	Strawberry			CXL	99				
VO	0447	Sweet corn (corn-on-the-cob)			CXL	99	36	33-35	2004	
VO	0448	Tomato			CXL	99	34	33	2003	
JF	0448	Tomato juice			CXL	99	36	33-35	2004	
VL	0506	Turnip greens			CXL	99	36	33-35	2004	
VR	0506	Turnip, Garden			CXL	99	34	33	2003	
GC	0654	Wheat			CXL	08	41		2009	
CM	0654	Wheat bran, Unprocessed			CXL	08	41		2009	
CF	1211	Wheat flour			CXL	00	38	33,35-37	2006	

51 Methidathion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.01 mg/kg bw (1997)

Residue: Methidathion.

Note: CCPR48 (2017) agreed to keep this compound in the list of pesticides, wait for data on peach and mango submission to the 2020 JMPR, and agreed to consider withdrawing all existing CXLs at CCPR49 (2017) (48:36)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.5			CXL					
FS 0013	Cherries	0.2			CXL					
FB 0269	Grapes	1			CXL		30	28,29	1999	
FC 0003	Mandarins, subgroup of (including mandarin-like hybrids) (includes all commodities in this subgroup)	5			CXL					
FP 0230	Pear	1			CXL		30	28,29	1999	
DT 1114	Tea, Green, Black (black, fermented and dried)	0.5			CXL		28		1997	

55 Omethoate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: (See (27) dimethoate for ADI)

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

Note: The compound was no longer supported. All CXLs deleted by the CAC in 2003. Omethoate was withdrawn from the Codex list by CCPR36 (ALINORM 04/27/24, para. 95 and Appendix V) and consequently recommended for revocation by the Commission. CAC27 revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0191	Spices, Fruits and Berries	0.01		Residues of omethoate resulting from the use of dimethoate.	CXL	10	44	43	2012	
HS 0193	Spices, Roots and Rhizomes	0.05		Residues of omethoate resulting from the use of dimethoate.	CXL	10	44	43	2012	

56 2-Phenylphenol

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.4 mg/kg bw (1999)

ARfD: Unnecessary (1999)

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

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

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

57 Paraquat

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.006 mg/kg bw (2009)

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

Note: No short-term dietary intake was calculated due to insufficient data (JMPR 2003).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.01		(*)	CXL	04	38	37	2006	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.01		(*)	CXL	04	38	37	2006	
FB 0018	Berries and other small fruits	0.01		(*)	CXL	04	38	37	2006	
FC 0001	Citrus fruits	0.02			CXL	04	38	37	2006	
SO 0691	Cotton seed	2			CXL	04	38	37	2006	
MO 0105	Edible offal (mammalian)	0.05			CXL	04	38	37	2006	
PE 0112	Eggs	0.005		(*)	CXL	04	38	37	2006	
VO 0050	Fruiting vegetables other than cucurbits	0.05			CXL	04	38	37	2006	
VC 0045	Fruiting vegetables, cucurbits	0.02			CXL	04	38	37	2006	
DH 1100	Hops, Dry	0.1			CXL	04	38	37	2006	
VL 0053	Leafy vegetables	0.07			CXL	04	38	37	2006	
GC 0645	Maize	0.03			CXL	04	38	37	2006	
CF 1255	Maize flour	0.05			CXL	04	38	37	2006	
AS 0645	Maize fodder (dry)	10	dry wt		CXL	04	38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.005			CXL	04	38	37	2006	
ML 0106	Milks	0.005		(*)	CXL	04	38	37	2006	
FP 0009	Pome fruits	0.01		(*)	CXL	04	38	37	2006	
PM 0110	Poultry meat	0.005		(*)	CXL	04	38	37	2006	
PO 0111	Poultry, Edible offal of	0.005		(*)	CXL	04	38	37	2006	
VD 0070	Pulses	0.5			CXL	04	38	37	2006	
GC 0649	Rice	0.05			CXL	09	42		2010	
AS 0649	Rice straw and fodder, Dry	0.05			CXL	09	42		2010	
VR 0075	Root and tuber vegetables	0.05			CXL	04	38	37	2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0651 Sorghum	0.03			CXL	04	38	37	2006	
AS	0651 Sorghum straw and fodder, Dry	0.3	dry wt		CXL	04	38	37	2006	
AL	0541 Soya bean fodder	0.5	dry wt		CXL	04	38	37	2006	
FS	0012 Stone fruits	0.01	(*)		CXL	04	38	37	2006	
SO	0702 Sunflower seed	2			CXL	04	38	37	2006	
FT	0305 Table Olives	0.1			CXL	04	38	37	2006	
DT	1114 Tea, Green, Black (black, fermented and dried)	0.2			CXL	04	38	37	2006	
TN	0085 Tree nuts	0.05			CXL	04	38	37	2006	

58 Parathion

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.004 mg/kg bw (1995)

ARfD: 0.01 mg/kg bw (1995)

Residue: Parathion.

Note: CCPR34 (2003): EU and USA informed the Committee that this compounds would no longer be supported. The Committee agreed that all CXLs/MRLs should be withdrawn (34:94)

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

59 Parathion-Methyl

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.003 mg/kg bw (1995)

ARfD: 0.03 mg/kg bw (1995)

Residue: For compliance with MRLs: Parathion-methyl.

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

Note: ARfD confirmed 2003.

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

60 Phosalone

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.02 mg/kg bw (1997)

ARfD: 0.3 mg/kg bw (2001)

Residue: Phosalone (fat-soluble).

Note: Previous ADI 0.001 mg/kg (1993).

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

62 Piperonyl Butoxide

Main Uses: Synergist

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.2 mg/kg bw (1995)

ARfD: Unnecessary (2001)

Residue: Piperonyl butoxide (fat-soluble).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 1280	Cattle kidney	0.3		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
MO 1281	Cattle liver	1			CXL	01	36	34	2004	
MM 0812	Cattle meat	5	(fat)	The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
ML 0812	Cattle milk	0.2		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
GC 0080	Cereal grains	30	Po		CXL	01,02	36	34	2004	
FC 0001	Citrus fruits	5			CXL	01,02	36	34	2004	
JF 0001	Citrus juice	0.05			CXL	01	36	34	2004	
DF 0167	Dried fruits	0.2	Po		CXL	01,02	36	34	2004	
PE 0112	Eggs	1		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
VC 0045	Fruiting vegetables, cucurbits	1			CXL	01,02	36	34	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2		Except cattle kidney	CXL		02		36	2004
VL 0483	Lettuce, Leaf	50			CXL	01,02	36	34	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1			CXL	02	36		2004	
OC 0645	Maize oil, Crude	80	PoP		CXL	01,02	36	34	2004	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)	Except cattle meat	CXL	02	36		2004	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML	0106	Milks	0.05	F			36	34	2004	
VL	0485	Mustard greens	50		CXL	01,02	36	34	2004	
AL	0072	Pea hay or pea fodder (dry)	200	dry wt	CXL	01,02	36	34	2004	
SO	0703	Peanut, whole	1		CXL	01,02	36	34	2004	
VO	0051	Peppers	2		CXL	01,02	36	34	2004	
HS	0444	Peppers Chili, dried	20		CXL	04	38	37	2006	
PM	0110	Poultry meat	7	(fat)	CXL	02	36	34	2004	The MRL accommodates external animal treatment.
PO	0111	Poultry, Edible offal of	10		CXL	01,02	36	34	2004	
VD	0070	Pulses	0.2	Po	CXL	01,02	36	34	2004	
VL	0494	Radish leaves (including radish tops)	50		CXL	01,02	36	34	2004	
VR	0075	Root and tuber vegetables	0.5		CXL	01,02	36	34	2004	Except carrot
VL	0502	Spinach	50		CXL	01,02	36	34	2004	
VO	0448	Tomato	2		CXL	01,02	36	34	2004	
JF	0448	Tomato juice	0.3		CXL	01,02	36	34	2004	
CM	0654	Wheat bran, Unprocessed	80	PoP	CXL	02	36	34	2004	
CF	1211	Wheat flour	10	PoP	CXL	02	36	34	2004	
CF	1210	Wheat germ	90	PoP	CXL	02	36	34	2004	
CF	1212	Wheat wholemeal	30	PoP	CXL	01,02	36	34	2004	

63 Pyrethrins

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.2 mg/kg bw (1999.)

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

Note: ARfD confirmed 2003.

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

64 Quintozene

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS 0654	Wheat straw and fodder, Dry	0.03			CXL	98	34	32	2003	

65 Thiabendazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

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

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

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0326 Avocado	15	Po		CXL	00	35	34	2003	
FI	0327 Banana	5	Po		CXL	97	31		1999	
MO	1280 Cattle kidney	1			CXL	00	35	34	2003	
MO	1281 Cattle liver	0.3			CXL	00	35	34	2003	
MM	0812 Cattle meat	0.1			CXL	97,00	32	31	2001	
ML	0812 Cattle milk	0.2			CXL	00	35	34	2003	
FC	0001 Citrus fruits	7	Po		CXL	07	45	39,40	2013	
PE	0112 Eggs	0.1			CXL	97	33		2001	
FI	0345 Mango	5	Po		CXL	00	35	34	2003	
VO	0450 Mushrooms	60			CXL	97	37	31-36	2005	
FI	0350 Papaya	10	Po		CXL	00	35	34	2003	
FP	0009 Pome fruits	3	Po		CXL	00	35	34	2003	
VR	0589 Potato	15	Po		CXL	00	35	34	2003	
PM	0110 Poultry meat	0.05			CXL	97	31		1999	
VL	2832 Witloof chicory (sprouts)	0.05	(*)		CXL	97	31		1999	

67 Cyhexatin

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.007 mg/kg bw Group ADI (2005)

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 (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	05	38		2006	
FB 0021	Currants, black, red, white	0.1			CXL	05	38		2006	
FB 0269	Grapes	0.3			CXL	05	38		2006	
FC 0004	Oranges, Sweet, Sour, subgroup of (including Orange-like hybrids)	0.2			CXL	05	38		2006	
FP 0230	Pear	0.2			CXL	05	38		2006	
HS 0444	Peppers Chili, dried	5			CXL	04	38	37	2006	

70 Bromopropylate

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.03 mg/kg bw (1993)

Residue: Bromopropylate.

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

72 Carbendazim

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.03 mg/kg bw (1995)

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	2	B		CXL	94	33	28,32	2001	
VS 0621	Asparagus	0.2	C		CXL	03	38	36,37	2006	
FI 0327	Banana	0.2	B		CXL	98	38	32,34,36,37	2006	
GC 0640	Barley	0.5	C		CXL	98	38	32,34,36,37	2006	
AS 0640	Barley straw and fodder, Dry	2	C		CXL	98	38	32,34,36,37	2006	
VD 0071	Beans (dry)	0.5	Th		CXL	98	38	32,34,36,37	2006	
FB 0018	Berries and other small fruits	1	B,Th	Except grapes	CXL	94	38	28,32-37	2006	
VB 0402	Brussels sprouts	0.5	B		CXL				1991	
VR 0577	Carrot	0.2	B		CXL	98	38	32,34,36,37	2006	
MM 0812	Cattle meat	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
FS 0013	Cherries	10	Th	Based on thiophanatemethyl use	CXL	03	40	36-39	2008	
PF 0840	Chicken fat	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
SB 0716	Coffee beans	0.1	C		CXL		32		2001	
VP 0526	Common bean (pods and/or immature seeds)	0.5	Th		CXL	03	38	36,37	2006	
VC 0424	Cucumber	0.05 (*)	b,C		CXL	98	38	32,34,36,37	2006	
MO 0105	Edible offal (mammalian)	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
PE 0112	Eggs	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
VP 0529	Garden pea, Shelled (succulent seeds)	0.02	Th		CXL	98	38	32,34,36,37	2006	
VC 0425	Gherkin	0.05 (*)	b,C		CXL	98	38	32,34,36,37	2006	
FB 0269	Grapes	3	b,Th		CXL	98	40	32,34,36-39	2008	
VL 0482	Lettuce, Head	5	Th		CXL	94	40	28,32-39	2008	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0345	Mango	5	C	Based on carbendazime use	CXL	03	40	36-39	2008	
ML 0106	Milks	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
FS 0245	Nectarine	2	B		CXL	94	33	28,32	2001	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	1	B		CXL	98	40	32,34,36-39	2008	
FS 0247	Peach	2	B		CXL	94,98	33	28,32	2001	
SO 0697	Peanut	0.1 (*)	Th		CXL	03	38	36,37	2006	
AL 0697	Peanut fodder	3	Th		CXL	03	38	36,37	2006	
VO 0444	Peppers Chili	2	Th		CXL	03	38	36,37	2006	
HS 0444	Peppers Chili, dried	20	C		CXL	04	38	37	2006	
FI 0353	Pineapple	5	B		CXL	98	34	32	2003	
FS 0014	Plums (including fresh prunes)	0.5	B		CXL	94,98	33	28,32	2001	
FP 0009	Pome fruits	3	B,c,th		CXL	98	33	28,32	2001	
PM 0110	Poultry meat	0.05 (*)	B		CXL	98	38	32,34,36,37	2006	
SO 0495	Rape seed	0.05 (*)	C		CXL	98	38	32,34,36,37	2006	
AS 0649	Rice straw and fodder, Dry	15	C		CXL	98	38	32,34,36,37	2006	
CM 0649	Rice, Husked	2 (*)	B		CXL	98	38	32,34,36,37	2006	
GC 0650	Rye	0.1	C,Th		CXL	94	38	32,34,36,37	2006	
VD 0541	Soya bean (dry)	0.5	Th		CXL	03	38	36,37	2006	
AL 0541	Soya bean fodder	0.1	C		CXL		32		2001	
HS 0191	Spices, Fruits and Berries	0.1			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.1			CXL		43		2011	
VC 0431	Squash, summer	0.5	Th		CXL	03	38	36,37	2006	
VR 0596	Sugar beet	0.1 (*)	Th		CXL	03	38	36,37	2006	
VO 0448	Tomato	0.5	b,C		CXL	98	33	28,32	2001	
TN 0085	Tree nuts	0.1 (*)	B		CXL	98	32		2001	
GC 0654	Wheat	0.05 (*)	b,Th		CXL	98	38	32,34,36,37	2006	
AS 0654	Wheat straw and fodder, Dry	1	B,C		CXL	98	38	32,34,36,37	2006	

74 Disulfoton

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0003 mg/kg bw (1991, confirmed 2006).

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

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL		35	28-34	2003	
VO 1275	Sweet corn (kernels)	0.02 (*)			CXL		35	28-32,34	2003	
GC 0654	Wheat	0.2			CXL		35	28-34	2003	
AS 0654	Wheat straw and fodder, Dry	5			CXL	94	35	28-34	2003	

79 Amitrole

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.002 mg/kg bw (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 (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0269	Grapes	0.05			CXL	98	36	32,34	2004	
FP 0009	Pome fruits	0.05 (*)			CXL	98	36	32,34	2004	
FS 0012	Stone fruits	0.05 (*)			CXL	98	36	32,34	2004	

81 Chlorothalonil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2009)

ARfD: 0.6 mg/kg bw (2009)

Residue: For compliance with MRL for plant commodities: chlorothalonil.

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

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

The residue is not fat-soluble.

Note: Chlorothalonil Metabolite SDS-3701

ADI: 0-0.008 mg/kg bw(2009)

ARfD: 0.03 mg/kg bw(2009)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.01 (*)			CXL	2015	48		2016	
FI 0327	Banana	15			CXL	12	45		2013	
VB 0402	Brussels sprouts	6			CXL	10	43		2011	
VS 0624	Celery	20			CXL	10	43		2011	
VL 0464	Chard	50			CXL	12	45		2013	
FS 0013	Cherries	3			CXL	2015	48		2016	
FB 0265	Cranberry	5			CXL					Withdrawal recommended (JMPR 2010). The CCPR decided to retain the CXL for four years under the periodic review, noting the manufacturers would submit supporting data for these commodities (43-34). The CCPR agreed to maintain the CXL for cranberry, until the submission of data for evaluation by the 2018 JMPR. (48-39).
VC 0424	Cucumber	3			CXL	10	43		2011	
FB 0021	Currants, black, red, white	20			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	0.2			CXL	10	43		2011	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	5			CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0425	Gherkin	3			CXL	10	43		2011	
DV 0604	Ginseng, dried including red ginseng	2			CXL	2015	48		2016	
FB 0268	Gooseberry	20			CXL	10	43		2011	
FB 0269	Grapes	3			CXL	10	43		2011	
VR 0583	Horseradish	1			CXL	2015	48		2016	
VA 0384	Leek	40			CXL	10	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.07			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	10	43		2011	
VC 0046	Melons, except watermelon	2			CXL	10	43		2011	
ML 0106	Milks	0.07			CXL	10	43		2011	
VA 0385	Onion, Bulb	1.5			CXL	2015	48		2016	
VA 0386	Onion, Chinese	10			CXL	10	43		2011	
VA 0387	Onion, Welsh	10			CXL	10	43		2011	
FI 0350	Papaya	20			CXL	10	43		2011	
FS 2001	Peaches, subgroup of (including Apricots and Nectarine) (includes all commodities in this subgroup)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	0.1			CXL	10	43		2011	
VO 0051	Peppers	7			CXL	2015	48		2016	
HS 0444	Peppers Chili, dried	70			CXL	2015	48		2016	
TN 0675	Pistachio nuts	0.3			CXL	2015	48		2016	
PF 0111	Poultry fats	0.01			CXL	10	43		2011	
PM 0110	Poultry meat	0.01			CXL	10	43		2011	
PO 0113	Poultry skin	0.01			CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.07			CXL	10	43		2011	
VD 0070	Pulses	1			CXL	10	43		2011	
VS 0627	Rhubarb	7			CXL	2015	48		2016	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0075	Root and tuber vegetables	0.3		(except horseradish)	CXL	2015	48		2016	
VA 0388	Shallot	1.5			CXL	2015	48		2016	
VA 0389	Spring Onion	10			CXL	10	43		2011	
VC 0431	Squash, summer	3			CXL	10	43		2011	
FB 0275	Strawberry	5			CXL	10	43		2011	
VO 0448	Tomato	5			CXL	2015	48		2016	

83 Dichloran

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1998)

ARfD: Unnecessary (2003)

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

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

84 Dodine

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.1 mg/kg bw (2000)

ARfD: 0.2 mg/kg bw (2000)

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

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

85 Fenamiphos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

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

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

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

86 Pirimiphos-Methyl

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.2 mg/kg bw (2006)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains	7	Po		CXL	03	37	36	2005	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	04	37		2005	
PE 0112	Eggs	0.01			CXL	04	37		2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	04	37		2005	
ML 0106	Milks	0.01			CXL	03	37	36	2005	
PM 0110	Poultry meat	0.01		(*)	CXL	04	37		2005	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	04	37		2005	
HS 0191	Spices, Fruits and Berries	0.5			CXL		37		2005	
HS 0190	Spices, Seeds	3			CXL		37		2005	
CM 0654	Wheat bran, Unprocessed	15	PoP		CXL	03	37	36	2005	

87 Dinocap

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.008 mg/kg bw (1998)

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

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

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

90 Chlorpyrifos-Methyl

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2009)

ARfD: 0.1 mg/kg bw (2009)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: chlorpyrifos-methyl. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	3	Po		CXL	2009	49	43,44,45,46,47	2017	
FC 0001	Citrus fruits	2			CXL	09	45	42	2013	
MO 0105	Edible offal (mammalian)	0.01			CXL	09	43		2011	
VO 0440	Egg plant	1			CXL	09	42		2010	
PE 0112	Eggs	0.01	(*)		CXL	09	43		2011	
AB 0269	Grape pomace, Dry	5			CXL	09	43		2011	
FB 0269	Grapes	1			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.1	(fat)		CXL	09	43		2011	
FM 0183	Milk fats	0.01	(*)		CXL	09	43		2011	
ML 0106	Milks	0.01	(*)		CXL	09	43		2011	
VO 0051	Peppers	1			CXL	09	42		2010	
HS 0444	Peppers Chili, dried	10			CXL	09	42		2010	
FP 0009	Pome fruits	1			CXL	09	42		2010	
VR 0589	Potato	0.01	(*)		CXL	09	42		2010	
PM 0110	Poultry meat	0.01	(fat)		CXL	09	43		2011	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	09	43		2011	
HS 0191	Spices, Fruits and Berries	0.3			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	5			CXL		37		2005	
HS 0190	Spices, Seeds	1			CXL		37		2005	
FS 0012	Stone fruits	0.5			CXL	09	42		2010	
FB 0275	Strawberry	0.06			CXL	09	42		2010	
VO 0448	Tomato	1			CXL	09	42		2010	
GC 0654	Wheat	3	Po		CXL	2009	49	43,44,45,46,47	2017	
CM 0654	Wheat bran, Unprocessed	6	PoP		CXL	2009	49	43,44,45,46,47	2017	
CF 1210	Wheat germ	5	PoP		CXL	2009	49	43,44,45,46,47	2017	

94 Methomyl

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.02 mg/kg bw (2001)

ARfD: 0.02 mg/kg bw (2001)

Residue: For compliance with MRLs and for estimation of dietary intake for plant and animal commodities: Sum of methomyl and thiodicarb, expressed as methomyl. MRLs related to methomyl and (154) thiodicarb are combined into a single list.

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
OR	0645	Maize oil, Edible	0.02	(*)	CXL	01	36	34,35	2004	
MM	0095	Meat (from mammals other than marine mammals)	0.02	(*)	CXL	01	36	34,35	2004	
ML	0106	Milks	0.02	(*)	CXL	01	36	34,35	2004	
AM	0738	Mint hay	0.5		CXL	04	37		2005	
FS	0245	Nectarine	0.2		CXL	01	36	34,35	2004	
GC	0647	Oats	0.02	(*)	CXL	01	36	34,35	2004	
VA	0385	Onion, Bulb	0.2		CXL	01			1991	
FS	0247	Peach	0.2		CXL	01	36	34,35	2004	
FP	0230	Pear	0.3		CXL	08	41		2009	
VP	0063	Peas (pods and succulent=immature seeds)	5		CXL	01			1991	
VO	0051	Peppers	0.7		CXL	04	37		2005	
HS	0444	Peppers Chili, dried	10		CXL	04	38	37	2006	
FS	0014	Plums (including fresh prunes)	1		CXL	01	36	34,35	2004	
VR	0589	Potato	0.02	(*)	CXL	01	36	34,35	2004	
PM	0110	Poultry meat	0.02	(*)	CXL	01	36	34,35	2004	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	01	36	34,35	2004	
SO	0495	Rape seed	0.05		CXL	01	36	34,35	2004	
VD	0541	Soya bean (dry)	0.2		CXL	01				
AL	0541	Soya bean fodder	0.2		CXL	01	36	34,35	2004	
AB	0541	Soya bean hulls	1		CXL	01	36	34,35	2004	
AB	1265	Soya bean meal	20		CXL	01	36	34,35	2004	
OC	0541	Soya bean oil, crude	0.2		CXL	01	36	34,35	2004	
OR	0541	Soya bean oil, Refined	0.2		CXL	01	36	34,35	2004	
HS	0191	Spices, Fruits and Berries	0.07		CXL		43		2011	
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	10		CXL	01	36	34,35	2004	
VO	0448	Tomato	1		CXL	08	41		2009	
GC	0654	Wheat	2		CXL	01	37	34-36	2005	
CM	0654	Wheat bran, Unprocessed	3		CXL	01	37	34-36	2005	
CF	1211	Wheat flour	0.03		CXL	01	37	34-36	2005	
CF	1210	Wheat germ	2		CXL	01	37	34-36	2005	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat straw and fodder, Dry	5			CXL				1991	

95 Acephate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2005)

ARfD: 0.1 mg/kg bw (2005)

Residue: Definition of the residue (for compliance with MRL) for plant and animal commodities: Acephate.

Definition of the residue (for estimation of dietary intake) for plant and animal commodities: Acephate and methamidophos.

The residue is not fat-soluble.

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

96 Carbofuran

Main Uses: Acaricide, Insecticide and Nematocide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.001 mg/kg bw (2008)

ARfD: 0.001 mg/kg bw (2008)

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: Carbofuran and 3-hydroxy carbofuran expressed as carbofuran. The residue is not fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0596	Sugar beet	0.2		Based on the use of carbosulfan	CXL	03	37	36	2005	
GS 0659	Sugar cane	0.1 (*)			CXL	97	31		1999	
SO 0702	Sunflower seed	0.1 (*)			CXL	97	31		1999	

100 Methamidophos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.004 mg/kg bw (2002)

ARfD: 0.01 mg/kg bw (2002)

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

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

101 Pirimicarb

Main Uses: Aphicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	5			CXL	06	39		2007	
VS 0621	Asparagus	0.01		(*)	CXL	06	39		2007	
FB 0018	Berries and other small fruits	1		Except strawberries and grapes	CXL	06	39		2007	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.5			CXL	06	39		2007	
GC 0080	Cereal grains	0.05		Except rice	CXL	06	39		2007	
FC 0001	Citrus fruits	3			CXL	06	45	39	2013	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	06	39		2007	
PE 0112	Eggs	0.01		(*)	CXL	06	39		2007	
VO 0050	Fruiting vegetables other than cucurbits	0.5		Except edible fungi and Sweet corn	CXL	06	39		2007	
VC 0045	Fruiting vegetables, cucurbits	1		Except melons and watermelons	CXL	06	39		2007	
VA 0381	Garlic	0.1			CXL	06	39		2007	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.3			CXL	06	39		2007	
VP 0060	Legume vegetables	0.7		Except soya bean	CXL	06	39		2007	
VL 0482	Lettuce, Head	5			CXL	06	39		2007	
VL 0483	Lettuce, Leaf	5			CXL	06	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	06	39		2007	
VC 0046	Melons, except watermelon	0.2			CXL	06	39		2007	
ML 0106	Milks	0.01		(*)	CXL	06	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb			CXL	06	39			2007
AL	0072	Pea hay or pea fodder (dry)	dry wt		CXL	06	39			2007
HS	0444	Peppers Chili, dried			CXL	04	38	37		2006
FP	0009	Pome fruits			CXL	06	39			2007
PM	0110	Poultry meat		(*)	CXL	06	39			2007
PO	0111	Poultry, Edible offal of		(*)	CXL	06	39			2007
VD	0070	Pulses		Except soya bean (dry)	CXL	06	39			2007
SO	0495	Rape seed			CXL	06	39			2007
VR	0075	Root and tuber vegetables			CXL	06	39			2007
HS	0190	Spices, Seeds			CXL		37			2005
FS	0012	Stone fruits			CXL	06	39			2007
AS	0081	Straw and fodder (dry) of cereal grains	dry wt	Except rice straw and fodder, dry	CXL	06	39			2007
SO	0702	Sunflower seed			CXL	06	39			2007
VO	1275	Sweet corn (kernels)			CXL	06	39			2007

102 Maleic Hydrazide

Main Uses: Plant growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.3 mg/kg bw (1996)

Residue: Maleic hydrazide.

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

103 Phosmet

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (1998)

ARfD: 0.2 mg/kg bw (2003)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Phosmet. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	10			CXL	97	40	31,33-39	2008	
FB 0020	Blueberries	10			CXL	07	40		2008	
MM 0812	Cattle meat	1	(fat)	V	CXL		31		1999	
FC 0001	Citrus fruits	3			CXL	02,07	45	35-40	2013	
SO 0691	Cotton seed	0.05			CXL	97	32	31	2001	
FB 0265	Cranberry	3			CXL	2014	47		2015	
FB 0269	Grapes	10			CXL	97	31		1999	
ML 0106	Milks	0.02			CXL		31		1999	
FS 0245	Nectarine	10			CXL	02,07	40	35-39	2008	
FS 0247	Peach	10			CXL	97	31		1999	
FP 0009	Pome fruits	10			CXL	02	40	35-39	2008	
VR 0589	Potato	0.05	(*)		CXL	97	32	31	2001	
TN 0085	Tree nuts	0.2			CXL	02	36	35	2004	

105 Dithiocarbamates

Main Uses: Fungicide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (1993) Group ADI (or in any combination) for ethylene-bis-dithiocarbamates (EBDCs: mancozeb, maneb, metiram and zineb)

ARfD: See Note.

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. For the estimation of dietary intake in plant and animal commodities: mancozeb plus ethylenethiourea (ETU). Dithiocarbamate residues are not fat-soluble.

Note: ADI of 0–0.004 mg/kg bw for their metabolite ethylenethiourea (ETU).

Recommended MRLs refer to the total residues from the use of any or each of the dithiocarbamates. Recommendations are based on trials with; n, maneb; m, metiram; c, mancozeb; p, propineb; h, thiram, z, ziram. Compounds shown in upper case are those on which estimates of MRLs are mainly based. The 1995 JMPR changed the expression of residue definition. Propineb: ADI for propineb 0-0.007 mg/kg/bw. Interim ARfD: 0.1 mg/kg bw. Some commodities contain natural compounds that generate CS₂ (36-201). The JMPR 2004 evaluated propineb and proposed MRLs for the use of propineb alone and for the use of dithiocarbamates including propineb in several commodities (37-127). CCPR agreed not to establish separate MRLs for propineb as the residue definition applies to all dithiocarbamates (37-128).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	20	N,z		CXL	95	31	28-30	1999	
TN 0660	Almonds	0.1 (*)	N,Z		CXL	95	31	28-30	1999	
VS 0621	Asparagus	0.1	c		CXL	95	31	28-30	1999	
FI 0327	Banana	2	c		CXL	95	31	28-30	1999	
GC 0640	Barley	1	c		CXL	95	31	28-30	1999	
AS 0640	Barley straw and fodder, Dry	25	C,n		CXL	95	31	28-30	1999	
VB 0041	Cabbages, Head	5	c,N		CXL	95	31	28-30	1999	
HS 0775	Cardamom	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
VR 0577	Carrot	1	c		CXL	95	31	28-30	1999	
FS 0013	Cherries	0.2	p		CXL	04	38	37	2006	
HS 0779	Coriander, seed	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
VL 0510	Cos lettuce	10	n		CXL	95	31	28-30	1999	
FB 0265	Cranberry	5	c		CXL	95	31	28-30	1999	
VC 0424	Cucumber	2	c,N,p		CXL	04	37		2005	
HS 0780	Cumin seed	10			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.1	C,m,p		CXL	04	37		2005	
PE 0112	Eggs	0.05 (*)	C,p		CXL	04	37		2005	
HS 0731	Fennel, seed	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
VA 0381	Garlic	0.5	c		CXL	95	31	28-30	1999	
VR 0604	Ginseng	0.3			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
DV 0604	Ginseng, dried including red ginseng	1.5			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
FB 0269	Grapes	5	C,m,n		CXL	04	37		2005	
DH 1100	Hops, Dry	30	m		CXL	95	31	28-30	1999	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	15	c,N		CXL	95	31	28-30	1999	
VA 0384	Leek	0.5	c		CXL	95	31	28-30	1999	
VL 0482	Lettuce, Head	0.5	C,N,m		CXL	95	31	28-30	1999	
AS 0645	Maize fodder (dry)	2	c		CXL	95	31	28-30	1999	
FC 0003	Mandarins, subgroup of (including mandarin-like hybrids)	10	c		CXL	95	31	28-30	1999	
FI 0345	Mango	2	c		CXL	95	31	28-30	1999	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	c,m,p		CXL	04	37		2005	
VC 0046	Melons, except watermelon	0.5	C		CXL	04	37		2005	
ML 0106	Milks	0.05 (*)	c,m,p		CXL	04	37		2005	
VA 0385	Onion, Bulb	0.5	C		CXL	04	37		2005	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	2	c		CXL	95	31	28-30	1999	
FI 0350	Papaya	5	c		CXL	95	31	28-30	1999	
SO 0697	Peanut	0.1 (*)	c		CXL	95	31	28-30	1999	
AL 0697	Peanut fodder	5	c		CXL	95	31	28-30	1999	
TN 0672	Pecan	0.1 (*)	Z		CXL	04	37		2005	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0790	Pepper, Black, White	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
HS 0444	Peppers Chili, dried	20			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozed(050).
VO 0445	Peppers, sweet (including pimento or pimiento)	1	c,n		CXL	95	31	28-30	1999	
FP 0009	Pome fruits	5	C,M,H,Z		CXL	04	37		2005	
VR 0589	Potato	0.2	c,m,n,p		CXL	04	37		2005	
PM 0110	Poultry meat	0.1	c,p		CXL	04	37		2005	
PO 0111	Poultry, Edible offal of	0.1	c,p		CXL	04	37		2005	
VC 0429	Pumpkins	0.2	c		CXL	95	31	28-30	1999	
VA 0389	Spring Onion	10	n		CXL	95	31	28-30	1999	
VC 0431	Squash, summer	1	c		CXL	95	31	28-30	1999	
FS 0012	Stone fruits	7	h,p,Z		CXL	04	37		2005	
FB 0275	Strawberry	5	H		CXL	96	32	30	2001	
VR 0596	Sugar beet	0.5	C,n		CXL	95	31	28-30	1999	
VO 0447	Sweet corn (corn-on-the-cob)	0.1	c	(*)	CXL	95	31	28-30	1999	
VO 0448	Tomato	2	p		CXL	04	38	37	2006	
VC 0432	Watermelon	1	c,N		CXL	95	30	28,29	1999	
GC 0654	Wheat	1	C,n,m		CXL	95	31	28-30	1999	
AS 0654	Wheat straw and fodder, Dry	25	C,n,m		CXL	95	31	28-30	1999	
VC 0433	Winter squash	0.1	c		CXL	95	31	28-30	1999	

106 Ethephon

Main Uses: Plant growth regulator

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.05 mg/kg bw (2015)

ARfD: 0.05 mg/kg bw (2015)

Residue: For plant commodities except cereal grains and straw for compliance with the MRL and for estimation of dietary intake: Ethephon.

For cereal grains and straw for compliance with the MRL and for estimation of dietary intake: Ethephon and its conjugates, expressed as ethephon.

For animal commodities for compliance with the MRL and for estimation of dietary intake: Ethephon.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.8			CXL	2015	48		2016	
GC 0640	Barley	1.5			CXL	2015	48		2016	
AS 0640	Barley straw and fodder, Dry	7	(dw)		CXL	2015	48		2016	dw = dry weight
FS 0013	Cherries	5			CXL	2015	48		2016	
SO 0691	Cotton seed	6			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.4			CXL	2015	48		2016	
PE 0112	Eggs	0.01	(*)		CXL	2015	48		2016	
FT 0297	Fig	3			CXL	2015	48		2016	
FB 0269	Grapes	0.8			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2015	48		2016	
ML 0106	Milks	0.01	(*)		CXL	2015	48		2016	
FI 0353	Pineapple	1.5			CXL	2015	48		2016	
PF 0111	Poultry fats	0.04			CXL	2015	48		2016	
PM 0110	Poultry meat	0.02			CXL	2015	48		2016	
PO 0111	Poultry, Edible offal of	0.08			CXL	2015	48		2016	
GC 0650	Rye	0.5			CXL	2015	48		2016	
AS 0650	Rye straw and fodder, Dry	7	(dw)		CXL	2015	48		2016	
FT 0305	Table Olives	7			CXL	2015	48		2016	
VO 0448	Tomato	2			CXL	2015	48		2016	
GC 0653	Triticale	0.5			CXL	2015	48		2016	
AS 0653	Triticale straw and fodder, Dry	7	(dw)		CXL	2015	48		2016	
GC 0654	Wheat	0.5			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CM 0654	Wheat bran, Unprocessed	1.5			CXL	2015	48		2016	
CF 1210	Wheat germ	1			CXL	2015	48		2016	
AS 0654	Wheat straw and fodder, Dry	7	(dw)		CXL	2015	48		2016	

109 Fenbutatin Oxide

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

Residue: Fenbutatin oxide.

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

110 Imazalil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.03 mg/kg bw (2001, reaffirmed 2018)

ARfD: 0.05 mg/kg bw (2005, reaffirmed 2018)

Residue: Definition of the residue for compliance with the MRL for plant and animal commodities: imazalil.

Definition of the residue for dietary risk assessment for plant commodities: free and conjugated imazalil.

Definition of the residue for dietary risk assessment for animal commodities: sum of imazalil and the metabolite R061000 ((RS)-3-[2-(2,4-dichlorophenyl)-2-(2,3-dihydroxypropoxy)ethyl]imidazolidine-2,4-dione (+)-1-[2-(2,4-dichlorophenyl)-2-[(2,3-dihydroxypropyl)oxy]ethyl]-2,5-imidazolidinedione), expressed as imazalil equivalents.

The residue is not fat-soluble.

Note: The 2001 JMPR concluded that new data supported the ADI of 0–0.03 mg/kg bw established in 1991 and reaffirmed in 2000.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	2	Po		CXL					
FI 0327	Banana	3	Po		3	2018	51			
GC 0640	Barley	0.01	(*)		3	2018	51			
AS 0640	Barley straw and fodder, Dry	0.01			3	2018	51			
FC 0001	Citrus fruits	5	Po		CXL					Withdrawal recommended by JMPR 2018.
VC 0424	Cucumber	0.5			CXL					Withdrawal recommended by JMPR 2018.
MO 0105	Edible offal (mammalian)	0.3			3	2018	51			
PE 0112	Eggs	0.01	(*)		3	2018	51			
VC 0425	Gherkin	0.5			CXL					Withdrawal recommended by JMPR 2018.
FC 0002	Lemons and limes (including citron)	15	Po		3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.02			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.02	(*)		3	2018	51			
VC 0046	Melons, except watermelon	2	Po		CXL	94	28		1997	Withdrawal recommended by JMPR 2018.
ML 0106	Milks	0.02	(*)		3	2018	51			
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	8	Po		3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
Code	Name										
FT	0307	Persimmon, Japanese	2	Po							
					CXL						Withdrawal recommended by JMPR 2018.
FP	0009	Pome fruits	5	Po					1991		Withdrawal recommended by JMPR 2018.
					CXL						
VR	0589	Potato	5	Po							
VR	0589	Potato	9	Po	3	2018	51				
PF	0111	Poultry fats	0.02	(*)	3	2018	51				
PM	0110	Poultry meat	0.02	(*)	3	2018	51				
PO	0111	Poultry, Edible offal of	0.02	(*)	3	2018	51				
FB	0272	Raspberries, Red, Black	2								
					CXL						Withdrawal recommended by JMPR 2018.
FB	0275	Strawberry	2								
					CXL						Withdrawal recommended by JMPR 2018.
VO	0448	Tomato	0.3		3	2018	51				
GC	0653	Triticale	0.01	(*)	3	2018	51				
AS	0653	Triticale straw and fodder, Dry	0.01		3	2018	51				
GC	0654	Wheat	0.01	(*)							
					CXL						
AS	0654	Wheat straw and fodder, Dry	0.1								
					CXL						
AS	0654	Wheat straw and fodder, Dry	0.01		3	2018	51				

111 Iprodione

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.06 mg/kg bw (1995)

Residue: Iprodione.

Note: ARfD may be necessary but has not been established (2001 JMPR).

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 2832	Witloof chicory (sprouts)	1			CXL	94				

112 Phorate

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0007 mg/kg bw (2004)

ARfD: 0.003 mg/kg bw (2004)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sum of the parent, its oxygen analogue, and their sulfoxides and sulfones, expressed as phorate. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	0.05 (*)			CXL	05	38		2006	
SB 0716	Coffee beans	0.05 (*)			CXL	05	38		2006	
VP 0526	Common bean (pods and/or immature seeds)	0.05 (*)			CXL	05	38		2006	
HS 0779	Coriander, seed	0.1			CXL	2015	48		2016	
SO 0691	Cotton seed	0.05 (*)			CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	05	38		2006	
PE 0112	Eggs	0.05 (*)			CXL	05	38		2006	
HS 0731	Fennel, seed	0.1			CXL	2015	48		2016	
GC 0645	Maize	0.05 (*)			CXL	05	38		2006	
CF 1255	Maize flour	0.05			CXL	05	38		2006	
OC 0645	Maize oil, Crude	0.1			CXL	05	38		2006	
OR 0645	Maize oil, Edible	0.02			CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	05	38		2006	
ML 0106	Milks	0.01 (*)			CXL	05	38		2006	
VR 0589	Potato	0.3			CXL	12	45		2013	
PM 0110	Poultry meat	0.05 (*)			CXL	05	38		2006	
GC 0651	Sorghum	0.05 (*)			CXL	05	38		2006	
VD 0541	Soya bean (dry)	0.05 (*)			CXL	05	38		2006	
HS 0191	Spices, Fruits and Berries	0.1 (*)			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.1 (*)			CXL		37		2005	
HS 0190	Spices, Seeds	0.5		(except coriander seed and fennel seed)	CXL	2015	48		2016	
VR 0596	Sugar beet	0.05 (*)			CXL	05	38		2006	

113 Propargite

Main Uses: Acaricide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1999)

ARfD: Unnecessary (1999). Confirmed 2006.

Residue: For compliance with MRLs and for estimation of dietary intake: Propargite. This definition applies to both plant and animal commodities. The residue is fat-soluble.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
JF	0004	Orange juice			CXL	02	36	35	2004	
SO	0697	Peanut			CXL	02				
OC	0697	Peanut oil, Crude			CXL	02	36	35	2004	
OR	0697	Peanut oil, Edible			CXL	02	36	35	2004	
VR	0589	Potato			CXL	06	39		2007	
PM	0110	Poultry meat		(*) (fat)	CXL	02	36	35	2004	
PO	0111	Poultry, Edible offal of		(*)	CXL	02	36	35	2004	
FS	0012	Stone fruits			CXL	02	36	35	2004	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL	02	36	35	2004	
VO	0448	Tomato			CXL	02				
TN	0678	Walnuts			CXL	06	39		2007	

116 Triforine

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2014)

ARfD: 0.3 mg/kg bw (2014)

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

For compliance with the MRL and for estimation of dietary intake for animal commodities: Triforine and its metabolites determined as chloral hydrate expressed as triforine.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0020	Blueberries	0.03			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2014	47		2015	
VO 0440	Egg plant	1			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)			CXL	2014	47		2015	
VO 0448	Tomato	0.7			CXL	2014	47		2015	

117 Aldicarb

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.003 mg/kg bw (1992)

ARfD: 0.003 mg/kg bw (1995)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.02			CXL	94	28		1997	
AS 0640	Barley straw and fodder, Dry	0.05			CXL	94	28		1997	
VD 0071	Beans (dry)	0.1			CXL	94				
VB 0402	Brussels sprouts	0.1			CXL	93,94	28		1997	
FC 0001	Citrus fruits	0.2			CXL	94				
SB 0716	Coffee beans	0.1			CXL	94				
SO 0691	Cotton seed	0.1			CXL	94				
OR 0691	Cotton seed oil, Edible	0.01		(*)	CXL	94	28		1997	
FB 0269	Grapes	0.2			CXL	94	28		1997	
GC 0645	Maize	0.05			CXL	94				
AS 0645	Maize fodder (dry)	0.5			CXL	94	28		1997	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	94				
ML 0106	Milks	0.01		(*)	CXL	94				
VA 0385	Onion, Bulb	0.1			CXL	94	28		1997	
SO 0697	Peanut	0.02			CXL	94	28		1997	
OR 0697	Peanut oil, Edible	0.01		(*)	CXL	94	28		1997	
TN 0672	Pecan	1			CXL	94	28		1997	
GC 0651	Sorghum	0.1			CXL	94	28		1997	
AS 0651	Sorghum straw and fodder, Dry	0.5			CXL	94				
VD 0541	Soya bean (dry)	0.02		(*)	CXL	94				
HS 0191	Spices, Fruits and Berries	0.07			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.02			CXL		43		2011	
VR 0596	Sugar beet	0.05		(*)	CXL	94				
GS 0659	Sugar cane	0.1			CXL	94	28		1997	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0702	Sunflower seed	0.05 (*)			CXL	94	28		1997	
VR 0508	Sweet potato	0.1			CXL	94				
GC 0654	Wheat	0.02			CXL	94	28		1997	
AS 0654	Wheat straw and fodder, Dry	0.05			CXL	94	28		1997	

118 Cypermethrins (including alpha- and zeta- cypermethrin)

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2006)

ARfD: 0.04 mg/kg body weight. Group ARfD (2006, 2009)

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

Note: Group ADI for cypermethrins, including alpha-cypermethrin and zeta-cypermethrin

Group ARfD for cypermethrins, including alpha-cypermethrin and zeta-cypermethrin.

Source of data supporting the proposed MRLs: a: alpha-cypermethrin. c: cypermethrin. z: zeta-cypermethrin.

Capital letters show the source of data responsible for the MRL estimate. Small letters show the sources of other data for that commodity.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	30			CXL	08	41		2009	
VS 0620	Artichoke, globe	0.1			CXL	08	41		2009	
VS 0621	Asparagus	0.4	a,C		CXL	11	44		2012	
GC 0640	Barley	2	Po C		CXL	09	42		2010	
AL 0061	Bean fodder	2			CXL	08	41		2009	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1			CXL	08	41		2009	
FT 0289	Carambola	0.2			CXL	08	41		2009	
HS 0775	Cardamom	3			CXL	2015	48		2016	
GC 0080	Cereal grains	0.3	Acz	Except rice barley, oats, rye and wheat.	CXL	09	42		2010	
FC 0001	Citrus fruits	0.3	a,Z	(excluding shaddocks or pomelos)	CXL	11	45	44	2013	
SB 0716	Coffee beans	0.05 (*)			CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.5			CXL	08	41		2009	
FI 0334	Durian	1			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.05 (*)		The MRL accommodates external animal treatment.	CXL	08	41		2009	
VO 0440	Egg plant	0.03			CXL	08	41		2009	
PE 0112	Eggs	0.01 (*)			CXL	11	44		2012	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0045	Fruiting vegetables, cucurbits	0.07			CXL 08		41		2009	
FB 0269	Grapes	0.2			CXL 08		41		2009	
VL 0053	Leafy vegetables	0.7			CXL 08		41		2009	
VA 0384	Leek	0.05			CXL 08		41		2009	
VP 0060	Legume vegetables	0.7			CXL 08		41		2009	
FI 0343	Litchi	2			CXL 08		41		2009	
FI 0342	Longan	1			CXL 08		41		2009	
FI 0345	Mango	0.7			CXL 08		41		2009	
MM 0095	Meat (from mammals other than marine mammals)	2 (fat)		The MRL accommodates external animal treatment.	CXL 08		41		2009	
FM 0183	Milk fats	0.5			CXL 08		41		2009	
ML 0106	Milks	0.05		The MRL accommodates external animal treatment.	CXL 08		41		2009	
GC 0647	Oats	2	Po	C	CXL 09		42		2010	
SO 0088	Oilseed	0.1			CXL 08		41		2009	
VO 0442	Okra	0.5			CXL 08		41		2009	
OR 0305	Olive oil, Refined	0.5			CXL 08		41		2009	
OC 0305	Olive oil, virgin	0.5			CXL 08		41		2009	
VA 0385	Onion, Bulb	0.01 (*)			CXL 08		41		2009	
FI 0350	Papaya	0.5			CXL 08		41		2009	
AL 0072	Pea hay or pea fodder (dry)	2			CXL 08		41		2009	
VO 0444	Peppers Chili	2			CXL 08		41		2009	
HS 0444	Peppers Chili, dried	10			CXL 08		41		2009	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.1			CXL 08		41		2009	
FP 0009	Pome fruits	0.7			CXL 08		41		2009	
PF 0111	Poultry fats	0.1			CXL 11		44		2012	
PM 0110	Poultry meat	0.1 (fat)			CXL 11		44		2012	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL 11		44		2012	
VD 0070	Pulses	0.05 (*)			CXL 08		41		2009	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	0.5	a,C,z		CXL	11	44		2012	
GC 0649	Rice	2			CXL	08	41		2009	
VR 0075	Root and tuber vegetables	0.01		Except sugar beet	CXL	08	41		2009	
GC 0650	Rye	2	Po	C	CXL	09	42		2010	
HS 0191	Spices, Fruits and Berries	0.5			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.2			CXL		37		2005	
FS 0012	Stone fruits	2			CXL	08	41		2009	
AS 0081	Straw and fodder (dry) of cereal grains	10			CXL	08	41		2009	
FB 0275	Strawberry	0.07			CXL	08	41		2009	
VR 0596	Sugar beet	0.1			CXL	08	41		2009	
GS 0659	Sugar cane	0.2			CXL	08	41		2009	
VO 0447	Sweet corn (corn-on-the-cob)	0.05		(*)	CXL	08	41		2009	
FT 0305	Table Olives	0.05		(*)	CXL	08	41		2009	
DT 1114	Tea, Green, Black (black, fermented and dried)	15	C		CXL	11	44		2012	
VO 0448	Tomato	0.2			CXL	08	41		2009	
TN 0085	Tree nuts	0.05		(*)	CXL	11	44		2012	
GC 0654	Wheat	2	Po	C	CXL	09	42		2010	
CM 0654	Wheat bran, Unprocessed	5	PoP	C	CXL	09	42		2010	

119 Fenvalerate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2012)

ARfD: 0.2 mg/kg bw (2012)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Sum of fenvalerate isomers. The residue is fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0266	Dewberries (including boysenberry and loganberry)	1			CXL					
MO 0105	Edible offal (mammalian)	0.1		The MRL accommodates external animal treatment.	CXL					
VO 0440	Egg plant	1			CXL					
PE 0112	Eggs	0.1			CXL					
VC 0425	Gherkin	0.5			CXL					
FB 0268	Gooseberry	2			CXL					
FB 0269	Grapes	2			CXL					
DH 1100	Hops, Dry	50			CXL					
VR 0583	Horseradish	0.5			CXL					
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	5			CXL					
FI 0341	Kiwifruit	2			CXL					
VB 0405	Kohlrabi	0.1			CXL					
VA 0384	Leek	0.5			CXL					
VL 0482	Lettuce, Head	2			CXL					
AS 0645	Maize fodder (dry)	100	dry wt		CXL					
MM 0095	Meat (from mammals other than marine mammals)	1	(fat)	The MRL accommodates external animal treatment.	CXL					
VC 0046	Melons, except watermelon	0.1			CXL					
ML 0106	Milks		F		CXL					
VO 0450	Mushrooms	0.1			CXL					
SO 0697	Peanut	0.1			CXL					
VP 0064	Peas, Shelled (succulent seeds)	0.1			CXL					
VO 0051	Peppers	1			CXL					
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
TN 0675	Pistachio nuts	0.05	(*)		CXL					
FP 0009	Pome fruits	2			CXL					

122 Amitraz

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1998)

ARfD: 0.01 mg/kg bw (1998)

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

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

126 Oxamyl

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.009 mg/kg bw (2017)

ARfD: 0.009 mg/kg bw (2017)

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant and animal commodities: Oxamyl. The residue is not fat-soluble

Note: The Committee noted that 2008 JMPR could not recommend MRLs based on alternative GAP as the new data were residues of the parent compound only while the current residue definition included the Oxime metabolite.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0402	Brussels sprouts	0.01 (*)			CXL	2017	50		2018	
VR 0577	Carrot	0.01 (*)			CXL	2017	50		2018	
VO 2700	Cherry tomato	0.01 (*)			CXL	2017	50		2018	
IM 1000	Clams				CXL					
VC 0424	Cucumber	0.02			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2017	50		2018	
VO 0440	Egg plant	0.01 (*)			3	17	50			
VO 2046	Eggplants	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2017	50		2018	
VC 0046	Melons, except watermelon	0.01			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
VR 0588	Parsnip	0.01 (*)			CXL	2017	50		2018	
VO 0051	Peppers	0.01 (*)		(except martynia, okra and roselle)	4	2017	50			In light of the discussions on crop group extrapolation, CCPR (2018) decided to keep the proposed MRLs for pepper chili (dried) and for peppers except martynia, okra and roselle) at Step 4 (50:22&39)
HS 0444	Peppers Chili, dried	0.01 (*)			4	2017	50			See peppers.
VO 0445	Peppers, sweet (including pimento or pimienta)	2			CXL					To be replaced by the MRL for peppers (2002 JMPR)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0589	Potato	0.01 (*)			CXL	2017	50		2018	
VC 0431	Squash, summer	0.04			CXL	2017	50		2018	
VR 0596	Sugar beet	0.01 (*)			CXL	1207	50		2018	
VO 0448	Tomato	0.01 (*)			CXL	2017	50		2018	
VC 0432	Watermelon	0.01			CXL	2017	50		2018	

128 Phenthoate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.003 mg/kg bw (1984)

Residue: Phenthoate (fat-soluble)

Note: All CXLs revoked at the 23rd CAC.

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

129 Azocyclotin

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	05	38		2006	
FB 0021	Currants, black, red, white	0.1			CXL	05	38		2006	
FB 0269	Grapes	0.3			CXL	05	38		2006	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.2			CXL	05	38		2006	
FP 0230	Pear	0.2			CXL	05	38		2006	

130 Diflubenzuron

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2001)

ARfD: Unnecessary (2001)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: diflubenzuron. The residue is fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0653	Triticale	0.05 (*)			CXL	11	45	44	2013	
GC 0654	Wheat	0.05 (*)			CXL	11	45	44	2013	

132 Methiocarb

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.02 mg/kg bw (2005)

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat straw and fodder, Dry	0.05			CXL	05	38		2006	

133 Triadimefon

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (1985)

ARfD: 0.08 mg/kg bw (2004)

Residue: For compliance with MRLs and estimation of dietary intake: Sum of triadimefon and triadimenol. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3		Based on triadimenol use only	CXL	07	40		2008	
VS 0620	Artichoke, globe	0.7		Based on triadimenol use only	CXL	07	40		2008	
FI 0327	Banana	1		Based on triadimenol use only	CXL	07	41	40	2009	
GC 0080	Cereal grains	0.2		Except maize and rice. Based on triadimefon and triadimenol uses	CXL	07	40		2008	
SB 0716	Coffee beans	0.5		Based on triadimenol use only	CXL	07	40		2008	
FB 0021	Currants, black, red, white	0.7		Based on triadimenol use only	CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1		based on triadimenol uses	CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)		Based on triadimefon and triadimenol uses	CXL	07	40		2008	
PE 0112	Eggs	0.01 (*)		Based on triadimefon and triadimenol uses	CXL	07	40		2008	
VO 0050	Fruiting vegetables other than cucurbits	1		Except fungi and sweet corn. Based on triadimefon and triadimenol uses.	CXL	07	41	40	2009	
VC 0045	Fruiting vegetables, cucurbits	0.2		Based on triadimenol use only	CXL	07	41	40	2009	
FB 0269	Grapes	0.3		Based on triadimenol uses	CXL	2014	47		2015	

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

135 Deltamethrin

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (1982; confirmed 2000)

ARfD: 0.05 mg/kg bw (2000)

Residue: For compliance with MRLs and for dietary risk assessment for plant and animal commodities: Sum of deltamethrin and its α -R- and trans- isomers.
The residue is fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0014	Plums (including fresh prunes)	0.05			CXL 02		36	35	2004	
VR 0589	Potato	0.01		(*)	CXL 02		36	35	2004	
PM 0110	Poultry meat	0.1		(fat)	CXL 02		36	35	2004	
PO 0111	Poultry, Edible offal of	0.02		(*)	CXL 02		36	35	2004	
VD 0070	Pulses	1		Po	CXL 02		36	35	2004	
VR 0494	Radish	0.01		(*)	CXL 02		36	35	2004	
SO 0495	Rape seed	0.2			CXL 2016		49		2017	
HS 0191	Spices, Fruits and Berries	0.03			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.5			CXL		43		2011	
FB 0275	Strawberry	0.2			CXL 02		36	35	2004	
SO 0702	Sunflower seed	0.05		(*)	CXL 02		36	35	2004	
VO 0447	Sweet corn (corn-on-the-cob)	0.02		(*)	CXL 02		36	35	2004	
FT 0305	Table Olives	1			CXL 02		36	35	2004	
DT 1114	Tea, Green, Black (black, fermented and dried)	5			CXL 02		36	35	2004	
VO 0448	Tomato	0.3			CXL 02		36	35	2004	
TN 0678	Walnuts	0.02		(*)	CXL 02		36	35	2004	
CM 0654	Wheat bran, Unprocessed	5		PoP	CXL 02				1995	
CF 1211	Wheat flour	0.3		PoP	CXL 02		36	35	2004	
CF 1212	Wheat wholemeal	2		PoP	CXL 02		36	35	2004	

138 Metalaxyl

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: Unnecessary (2002)

Residue: Metalaxyl.

Note: All MRLs to be revoked in 2008, superseded by metalaxyl-M.

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

Commodity										
Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0541	Soya bean (dry)	0.05 (*)			CXL					
HS 0190	Spices, Seeds	5			CXL		37		2005	
VL 0502	Spinach	2			CXL					
VC 0431	Squash, summer	0.2			CXL					
VR 0596	Sugar beet	0.05 (*)			CXL					
SO 0702	Sunflower seed	0.05 (*)			CXL					
VO 0448	Tomato	0.5			CXL					
VC 0432	Watermelon	0.2			CXL					
VC 0433	Winter squash	0.2			CXL					

142 Prochloraz

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.1 mg/kg bw (2009)

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

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

143 Triazophos

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.001 mg/kg bw (2002)

ARfD: 0.001 mg/kg bw (2002)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0775	Cardamom	4		CXL	2015	48		2016	
HS	0779	Coriander, seed	0.1		CXL	2015	48		2016	
SO	0691	Cotton seed	0.2		CXL	07	40		2008	
OC	0691	Cotton seed oil, Crude	1		CXL	07	40		2008	
HS	0731	Fennel, seed	0.1		CXL	2015	48		2016	
CM	1205	Rice, Polished	0.6		CXL	2013	46		2014	
VP	0541	Soya bean (immature seeds)	0.5		CXL	10	43		2011	
VP	0546	Soya bean (young pod)	1		CXL	10	43		2011	
HS	0191	Spices, Fruits and Berries	0.07	(except cardamom)	CXL	2015	48		2016	
HS	0193	Spices, Roots and Rhizomes	0.1		CXL		43		2005	

144 Bitertanol

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: Unnecessary (1998)

Residue: Bitertanol (fat-soluble).

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

145 Carbosulfan

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (1986)

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

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

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

146 Cyhalothrin (includes lambda-cyhalothrin)

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2007)

ARfD: 0.02 mg/kg bw (2007)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Cyhalothrin (sum of all isomers). The residue is fat-soluble.

Note: ADI and ARfD for cyhalothrin and lambda-cyhalothrin (2007). The 2018 JMPR concluded that the new studies do not have any impact on the ADI of 0–0.02 mg/kg bw or the ARfD of 0.02 mg/kg bw established in 2007 and that on the basis of available data, the metabolites evaluated appear to be less acutely toxic orally than the parent compound.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	08	41		2009	
FS 0240	Apricot	0.5			CXL	08	41		2009	
VS 0621	Asparagus	0.02			CXL	08	41		2009	
GC 0640	Barley	0.5			CXL	08	41		2009	
HH 0722	Basil	0.7			CXL	2015	48		2016	
FB 0018	Berries and other small fruits	0.2			CXL	08	41		2009	
VA 0035	Bulb vegetables	0.2			CXL	08	41		2009	
VB 0041	Cabbages, Head	0.3			CXL	08	41		2009	
HS 0775	Cardamom	2			CXL	2015	48		2016	
FS 0013	Cherries	0.3			CXL	08	41		2009	
FC 0001	Citrus fruits	0.2			CXL	08	45	41	2013	
SB 0716	Coffee beans	0.01	(*)		CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	08	41		2009	
VB 0042	Flowerhead brassicas (includes Broccoli, Chinese and Cauliflower)	0.5			CXL	08	41		2009	
VO 0050	Fruiting vegetables other than cucurbits	0.3		Except mushrooms	CXL	08	41		2009	
VC 0045	Fruiting vegetables, cucurbits	0.05			CXL	08	41		2009	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2			CXL	08	41		2009	
VP 0060	Legume vegetables	0.2			CXL	08	41		2009	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	08	41		2009	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0645	Maize	0.02			CXL 08		41		2009	
FI 0345	Mango	0.2			CXL 08		41		2009	
MM 0095	Meat (from mammals other than marine mammals)	3	(fat)		CXL 08		41		2009	
ML 0106	Milks	0.2			CXL 08		41		2009	
FS 0245	Nectarine	0.5			CXL 08		41		2009	
GC 0647	Oats	0.05			CXL 08		41		2009	
SO 0088	Oilseed	0.2			CXL 08		41		2009	
FS 0247	Peach	0.5			CXL 08		41		2009	
HS 0444	Peppers Chili, dried	3			CXL 08		41		2009	
FS 0014	Plums (including fresh prunes)	0.2		Except prunes	CXL 08		41		2009	
FP 0009	Pome fruits	0.2			CXL 08		41		2009	
FP 0009	Pome fruits	1			3	2018	51			
VD 0070	Pulses	0.05			CXL 08		41		2009	
GC 0649	Rice	1			CXL 08		41		2009	
VR 0075	Root and tuber vegetables	0.01	(*)		CXL 08		41		2009	
GC 0650	Rye	0.05			CXL 08		41		2009	
HS 0191	Spices, Fruits and Berries	0.03		(except cardamom)	CXL 2015		48		2016	
HS 0193	Spices, Roots and Rhizomes	0.05			CXL		43		2005	
AS 0081	Straw and fodder (dry) of cereal grains	2			CXL 08		41		2009	
GS 0659	Sugar cane	0.05			CXL 08		41		2009	
FT 0305	Table Olives	1			CXL 08		41		2009	
TN 0085	Tree nuts	0.01	(*)		CXL 08		41		2009	
GC 0653	Triticale	0.05			CXL 08		41		2009	
GC 0654	Wheat	0.05			CXL 08		41		2009	
CM 0654	Wheat bran, Unprocessed	0.1			CXL 08		41		2009	

147 Methoprene

Main Uses: Insect growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: Unnecessary (2005)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Methoprene. The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains	10	Po		CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	0.02			CXL	05	38		2006	
PE 0112	Eggs	0.02			CXL	05	38		2006	
OC 0645	Maize oil, Crude	200	PoP		CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	05	38		2006	
ML 0106	Milks	0.1	F		CXL	05	38		2006	
SO 0089	Oilseed, except peanut	4	Po		CXL	2016	49		2017	
PM 0110	Poultry meat	0.02			CXL	05	38		2006	
PO 0111	Poultry, Edible offal of	0.02			CXL	05	38		2006	
CM 1207	Rice hulls	40	PoP		CXL	05	38		2006	
CM 0654	Wheat bran, Unprocessed	25	PoP		CXL	05	38		2006	

148 Propamocarb

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.4 mg/kg bw (2005)

ARfD: 2 mg/kg bw (2005)

Residue: For compliance with MRL and for estimation of dietary intake / risk assessment for plant and animal commodities: Propamocarb. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0400	Broccoli	3			CXL	2014	47		2015	
VB 0402	Brussels sprouts	2			CXL	2014	47		2015	
VB 0041	Cabbages, Head	1			4	2014	47			CCPR47 agreed to hold the MRLs for cabbages, head; kale (including among others: collards, curly kale, Scotch kale, thousand-headed kale; not including marrow-stem kale) at Step 4, awaiting new data (livestock feeding study) from the manufacturer and re-evaluation by JMPR in 2018 (47:57).
VB 0404	Cauliflower	2			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01	(*)		CXL	06	39		2007	Withdrawal recommended by the 2014 JMPR.
MO 0105	Edible offal (mammalian)	1.5			3	2018	51			
VO 0440	Egg plant	0.3			CXL	06	39		2007	
PE 0112	Eggs	0.01	(*)		CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	5			CXL	06	39		2007	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kale)	20			4	2014	47			See cabaggess, head
VA 0384	Leek	30			CXL	2014	47		2015	
VL 0482	Lettuce, Head	100			CXL	06	39		2007	
VL 0483	Lettuce, Leaf	100			CXL	06	39		2007	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.03			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	06	39		2007	Withdrawal recommended by the 2014 JMPR.
MM 0095	Meat (from mammals other than marine mammals)	0.03			3	2018	51			
ML 0106	Milks	0.01		(*)	CXL	06	39		2007	Withdrawal recommended by the 2014 JMPR.
ML 0106	Milks	0.01		(*)	3	2018	51			
VA 0385	Onion, Bulb	2			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	3			CXL	06	39		2007	
VR 0589	Potato	0.3			CXL	06	39		2007	
PF 0111	Poultry fats	0.01		(*)	CXL	2014	47		2015	
PM 0110	Poultry meat	0.01		(*)	CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2014	47		2015	
VR 0494	Radish	1			CXL	06	39		2007	
VL 0502	Spinach	40			CXL	06	39		2007	
VO 0448	Tomato	2			CXL	06	39		2007	
VL 2832	Witloof chicory (sprouts)	2			CXL	06	39		2007	

149 Ethoprophos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0004 mg/kg bw (1999)

ARfD: 0.05 mg/kg bw (1999)

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

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

151 Dimethipin

Main Uses: Plant growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.2 mg/kg bw (2004)

Residue: Dimethipin.

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

155 Benalaxyl

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0269	Grapes	0.3			CXL	09	42		2010	
VL 0482	Lettuce, Head	1			CXL	09	42		2010	
VC 0046	Melons, except watermelon	0.3			CXL	09	42		2010	
VA 0385	Onion, Bulb	0.02		(*)	CXL	09	42		2010	
VR 0589	Potato	0.02		(*)	CXL	09	42		2010	
VO 0448	Tomato	0.2			CXL	09	42		2010	
VC 0432	Watermelon	0.1			CXL	09	42		2010	

156 Clofentezine

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: Unnecessary (2005)

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

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

The residue is fat-soluble.

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

157 Cyfluthrin/beta-cyfluthrin

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.04 mg/kg bw Group ADI (2006)

ARfD: 0.04 mg/kg body weight. Group ARfD (2006, 2009)

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

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

158 Glyphosate

Main Uses: Herbicide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-1 mg/kg bw (2011) (for the sum of glyphosate, N-acetyl-glyphosate, AMPA and N-acetyl-AMPA)

ARfD: Unnecessary (2011)

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

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

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

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	500			CXL	05	38		2006	
FI 0327	Banana	0.05 (*)			CXL	05	38		2006	
AS 0640	Barley straw and fodder, Dry	400			CXL	05	38		2006	
AL 0061	Bean fodder	200			CXL	05	38		2006	
VD 0071	Beans (dry)	2			CXL	05	38		2006	
GC 0080	Cereal grains	30		Except maize and rice	CXL	05	38		2006	
SO 0691	Cotton seed	40			CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	5		Except pigs	CXL	05	38		2006	
PE 0112	Eggs	0.05 (*)			CXL	05	38		2006	
AS 0162	Hay or fodder (dry) of grasses	500			CXL	05	38		2006	
VD 0533	Lentil (dry)	5			CXL	11	44		2012	
GC 0645	Maize	5			CXL	05	38		2006	
AS 0645	Maize fodder (dry)	150			CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	05	38		2006	
ML 0106	Milks	0.05 (*)			CXL	05	38		2006	
AS 0647	Oat straw and fodder, Dry	100			CXL	05	38		2006	
AL 0072	Pea hay or pea fodder (dry)	500			CXL	05	38		2006	
VD 0072	Peas (dry)	5			CXL	05	38		2006	
MO 0818	Pig, Edible offal of	0.5			CXL	05	38		2006	
PM 0110	Poultry meat	0.05 (*)			CXL	05	38		2006	
PO 0111	Poultry, Edible offal of	0.5			CXL	05	38		2006	
SO 0495	Rape seed	30			CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS 0651	Sorghum straw and fodder, Dry	50			CXL	05	38		2006	
VD 0541	Soya bean (dry)	20			CXL	05	38		2006	
VR 0596	Sugar beet	15			CXL	11	44		2012	
GS 0659	Sugar cane	2			CXL	05	38		2006	
DM 0659	Sugar cane molasses	10			CXL	05	38		2006	
SO 0702	Sunflower seed	7			CXL	05	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	3			CXL	11	44		2012	
CM 0654	Wheat bran, Unprocessed	20			CXL	05	38		2006	
AS 0654	Wheat straw and fodder, Dry	300			CXL	05	38		2006	

159 Vinclozolin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1995)

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

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

160 Propiconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.07 mg/kg bw (2004)

ARfD: 0.3 mg/kg bw (2004)

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

For the estimation of dietary exposure / for dietary risk assessment for plant and animal commodities: propiconazole plus all metabolites convertible to 2,4-dichloro-benzoic acid, expressed as propiconazole.

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.1			CXL	07	40		2008	
GC 0640	Barley	2			CXL	2015	48		2016	
AS 0640	Barley straw and fodder, Dry	8			CXL	2014	47		2015	
FS 0013	Cherries	3	Po		4	2017	50			CCPR50 agreed to keep all the proposed MRLs at Step 4 awaiting JMPR re-evaluation in 2018 (50:41-42)
FS 0013	Cherries	3	Po		3	2018	51			
SB 0716	Coffee beans	0.02			CXL	07	40		2008	
FB 0265	Cranberry	0.3			CXL	06,07	40	39	2008	
MO 0105	Edible offal (mammalian)	0.5			CXL	2014	47		2015	
PE 0112	Eggs	0.01	(*)		CXL	07	40		2008	
FC 0002	Lemons and limes (including citron)	15	Po		4	17	50			See cherries
FC 0002	Lemons and limes (including citron)	10	Po		3	2018	51			
GC 0645	Maize	0.05			CXL	07	40		2008	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2014	47		2015	
FC 0003	Mandarins, (including mandarin-like hybrids)	15	Po		4	2017	50			See cherries
FC 0003	Mandarins (including mandarin-like hybrids)	10	Po		3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)			CXL	2014	47		2015	
AS 0647	Oat straw and fodder, Dry	8			CXL	2014	47		2015	
GC 0647	Oats	0.7			CXL	2015	48		2016	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	9 Po			CXL	2013	46		2014	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	15 Po			4	2017	50			See cherries
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	10 Po			3	2018	51			
FS 0247	Peach	5 Po			CXL	2013	46		2014	
FS 0247	Peach	1.5 Po			4	2017	50			See cherries
FS 0247	Peach	0.7 Po			3	2018	51			
TN 0672	Pecan	0.02 (*)			CXL	07	40		2008	
FI 0353	Pineapple	0.02 (*)			CXL	07	40		2008	
FI 0353	Pineapple	4 Po			4	2017	50			See cherries
FI 0353	Pineapple	2 Po			3	2018	51			
FS 0014	Plums (including fresh prunes)	0.6 Po			CXL	2013	46		2014	
FS 0014	Plums (including fresh prunes)	0.5 Po			4	2017	50			See cherries
FS 0014	Plums (including fresh prunes)	0.4 Po			3	2018	51			
GC 0656	Popcorn	0.05			CXL	07	40		2008	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	07	40		2008	
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	6 Po			4	2017	50			See cherries
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	4 Po			3	2018	51			
SO 0495	Rape seed	0.02			CXL	07	40		2008	
GC 0650	Rye	0.09			CXL	2015	48		2016	
AS 0650	Rye straw and fodder, Dry	15			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.07			CXL	07	40		2008	
AL 0541	Soya bean fodder	5			CXL	07	40		2008	
VR 0596	Sugar beet	0.02			CXL	07	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GS 0659	Sugar cane	0.02 (*)			CXL	07	40		2008	
VO 0447	Sweet corn (corn-on-the-cob)	0.05			CXL	07	40		2008	
VO 0448	Tomato	3	Po		CXL	2013	46		2014	
GC 0653	Triticale	0.09			CXL	2015	48		2016	
AS 0653	Triticale straw and fodder, Dry	15			CXL	2014	47		2015	
GC 0654	Wheat	0.09			CXL	2015	48		2016	
AS 0654	Wheat straw and fodder, Dry	15			CXL	2014	47		2015	

165 Flusilazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.007 mg/kg bw (2007)

ARfD: 0.02 mg/kg bw (2007)

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

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

Flusilazole is fat-soluble.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0702	Sunflower seed	0.1			CXL	07	40		2008	
AS 0447	Sweet corn fodder	2			CXL	07	40		2008	

166 Oxydemeton-Methyl

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.002 mg/kg bw (2002)

Residue: For compliance with MRLs and estimation of dietary intake in plant commodities: Sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphon expressed as oxydemeton-methyl. The residue definition and MRLs are based on the use of oxydemeton-methyl only.

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

167 Terbufos

Main Uses: Nematocide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0006 mg/kg bw (1989)

ARfD: 0.002 mg/kg bw (2003)

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

Note: No short-term dietary intake was calculated due to insufficient data (JMPR 2003).

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

168 Triadimenol

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (1989, 2004)

ARfD: 0.08 mg/kg bw (2004)

Residue: For compliance with MRLs and for the estimation of dietary intake) for plant and animal commodities: Sum of triadimefon and triadimenol.
Triadimefon and triadimenol are fat-soluble.

Note: Source of data resulting from the uses of: TF=triadimefon; TN=triadimenol.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3			CXL	07	40		2008	Based on triadimenol use only
VS 0620	Artichoke, globe	0.7			CXL	07	40		2008	Based on triadimenol use only
FI 0327	Banana	1			CXL	07	41	40	2009	Based on triadimenol use only
GC 0080	Cereal grains	0.2		Except maize and rice	CXL	07	40		2008	Based on triadimefon and triadimenol uses
SB 0716	Coffee beans	0.5			CXL	07	40		2008	Based on triadimenol use only
FB 0021	Currants, black, red, white	0.7			CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1	TN	based on triadimenol uses	CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
PE 0112	Eggs	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
VO 0050	Fruiting vegetables other than cucurbits	1		Except fungi and sweet corn	CXL	07	41	40	2009	Based on triadimenol use only
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	07	41	40	2009	Based on triadimefon and triadimenol uses
FB 0269	Grapes	0.3			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	07	40		2008	Based on triadimefon and triadimenol uses
ML 0106	Milks	0.01 (*) F			CXL	07	40		2008	Based on triadimefon and triadimenol uses
HS 0444	Peppers Chili, dried	5			CXL	07	40		2008	Based on triadimefon and triadimenol uses
FI 0353	Pineapple	5 Po			CXL	07	40		2008	Based on triadimenol use only

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
PM 0110	Poultry meat	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	07	40		2008	Based on triadimefon and triadimenol uses
AS 0081	Straw and fodder (dry) of cereal grains	5		Except maize	CXL	07	40		2008	Based on triadimefon and triadimenol uses
FB 0275	Strawberry	0.7			CXL	07	40		2008	Based on triadimenol use only
VR 0596	Sugar beet	0.05 (*)			CXL	07	40		2008	Based on triadimenol use only

169 Cyromazine

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.06 mg/kg bw (2006)

ARfD: 0.1 mg/kg bw (2006)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	3			CXL	07	40		2008	
VD 0071	Beans (dry)	3			CXL	07	40		2008	
VB 0400	Broccoli	1			CXL	07	40		2008	
VS 0624	Celery	4			CXL	07	40		2008	
VD 0524	Chick-pea (dry)	3			CXL	12	45		2013	
VC 0424	Cucumber	2			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.3			CXL	07	40		2008	
PE 0112	Eggs	0.3			CXL	07	40		2008	
VO 0050	Fruiting vegetables other than cucurbits	1		Except mushrooms and sweet corn (corn-on-the-cob)	CXL	07	40		2008	
VD 0533	Lentil (dry)	3			CXL	12	45		2013	
VL 0482	Lettuce, Head	4			CXL	07	40		2008	
VL 0483	Lettuce, Leaf	4			CXL	07	40		2008	
VP 0534	Lima bean (young pods and/or immature beans)	1			CXL	07	40		2008	
VD 0545	Lupin (dry)	3			CXL	12	45		2013	
FI 0345	Mango	0.5			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.3			CXL	07	40		2008	
VC 0046	Melons, except watermelon	0.5			CXL	07	40		2008	
ML 0106	Milks	0.01			CXL	07	40		2008	
VO 0450	Mushrooms	7			CXL	07	40		2008	
VL 0485	Mustard greens	10			CXL	07	40		2008	
VA 0385	Onion, Bulb	0.1			CXL	07	40		2008	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
PM 0110	Poultry meat	0.1			CXL	07	40		2008	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
PO 0111	Poultry, Edible offal of	0.2			CXL	07	40		2008	
VA 0389	Spring Onion	3			CXL	07	40		2008	
VC 0431	Squash, summer	2			CXL	07	40		2008	

171 Profenofos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2007)

ARfD: 1.0 mg/kg bw (2007)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Profenofos. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0775	Cardamom	3			CXL	2015	48		2016	
SB 0716	Coffee beans	0.04			3	2018	51			
HS 0779	Coriander, seed	0.1			CXL	2015	48		2016	
SO 0691	Cotton seed	3			CXL	08	41		2009	
HS 0780	Cumin seed	5			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	08	41		2009	
PE 0112	Eggs	0.02		(*)	CXL	08	41		2009	
HS 0731	Fennel, seed	0.1			CXL	2015	48		2016	
FI 0345	Mango	0.2			CXL	08	41		2009	
FI 0346	Mangostan	10			CXL	08	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	08	41		2009	
ML 0106	Milks	0.01		(*)	CXL	08	41		2009	
VO 0444	Peppers Chili	3			CXL	11	44		2012	
HS 0444	Peppers Chili, dried	20			CXL	11	44		2012	
PM 0110	Poultry meat	0.05		(*)	CXL	08	41		2009	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	08	41		2009	
HS 0191	Spices, Fruits and Berries	0.07		(except cardamom)	CXL	2015	48		2016	
HS 0193	Spices, Roots and Rhizomes	0.05			CXL		43		2011	
DT 0171	Teas (Tea and herb teas)	0.5			CXL	94	29		1997	
VO 0448	Tomato	10			CXL	08	41		2009	

172 Bentazone

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.09 mg/kg bw (2012)

ARfD: 0.5 mg/kg bw (2016)

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Bentazone. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	0.5			CXL	2013	46		2014	
AS 0640	Barley straw and fodder, Dry	0.3			CXL	2013	46		2014	
VD 0071	Beans (dry)	0.04			CXL	2013; 2018	51	46	2014	Withdrawal recommended by JMPR 2018.
VP 0061	Beans, except broad bean and soya bean green pods and immature seeds)	0.01		(*)	CXL	2013	46		2014	
VP 0062	Beans, Shelled (succulent=immature seeds)	0.01		(*)	CXL	2013	46		2014	
GC 0080	Cereal grains	0.01		(*)	CXL	2013	46		2014	
VD 2065	Dry beans	0.5			3	2018	51			
VD 2066	Dry peas	0.5			3	2018	51			
MO 0105	Edible offal (mammalian)	0.04			3	2018	51			
PE 0112	Eggs	0.01		(*)	CXL	2013	46		2014	
VD 0561	Field pea (dry)	1			CXL	94	28		1997	Withdrawal recommended by the 2013 JMPR. The CCPR noted that data on field peas would be available for evaluation by the 2018 JMPR.(48-51)
AS 0162	Hay or fodder (dry) of grasses	2			CXL	2013	46		2014	
HH 0092	Herbs	0.1			CXL	2013	46		2014	
SO 0693	Linseed	0.02		(*)	CXL	2013	46		2014	
AS 0645	Maize fodder (dry)	0.4			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
ML 0106	Milks	0.01 (*)			CXL	2013	46		2014	
ML 0106	Milks	0.01 (*)			3	2018	51			
AS 0646	Millet fodder, dry	0.3			CXL	2013	46		2014	
AS 0647	Oat straw and fodder, Dry	0.3			CXL	2013	46		2014	
VA 0385	Onion, Bulb	0.04			CXL	2013	46		2014	
SO 0697	Peanut	0.05 (*)			CXL	2013	46		2014	
VP 0063	Peas (pods and succulent=immature seeds)	1.5			CXL	2013	46		2014	
VR 0589	Potato	0.1			CXL	2013	46		2014	
PM 0110	Poultry meat	0.03 (fat)			CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.07			CXL	2013	46		2014	
AS 0650	Rye straw and fodder, Dry	0.3			CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2013; 2018	51	46	2014	Withdrawal recommended by JMPR 2018.
VA 0389	Spring Onion	0.08			CXL	2013	46		2014	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2013	46		2014	
AS 0653	Triticale straw and fodder, Dry	0.3			CXL	2013	46		2014	
AS 0654	Wheat straw and fodder, Dry	0.3			CXL	2013	46		2014	

173 Buprofezin

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.009 mg/kg bw (2008)

ARfD: 0.5 mg/kg bw (2008)

Residue: For compliance with MRLs and for estimation of dietary intake for plant commodities and animal commodities: Buprofezin. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	09	45	42	2010	
TN 0660	Almonds	0.05		(*)	CXL	09	42			
FP 0226	Apple	3			CXL	09	42		2010	
FI 0326	Avocado	0.1			CXL	2016	49	2017		
FI 0327	Banana	0.3			CXL	12	45		2013	
HH 0722	Basil	1.5			CXL	2016	49		2017	
FS 0013	Cherries	2			CXL	09	42			
FC 0001	Citrus fruits	1			CXL	08	45	41	2013	
AB 0001	Citrus pulp, Dry	2			CXL	08	41		2009	
SB 0716	Coffee beans	0.4			CXL	2014	47		2015	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	09	42		2010	
VC 0045	Fruiting vegetables, cucurbits	0.7			CXL	09	42		2010	
FB 0269	Grapes	1			CXL	09	42		2010	
FI 0345	Mango	0.1			CXL	08	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	09	42		2010	
ML 0106	Milks	0.01		(*)	CXL	09	42		2010	
FS 0245	Nectarine	9			CXL	09	42		2010	
FS 0247	Peach	9			CXL	09	42		2010	
FP 0230	Pear	6			CXL	09	42		2010	
VO 0051	Peppers	2			CXL	09	42		2010	
VO 0444	Peppers Chili	10			CXL	09	42		2010	
HS 0444	Peppers Chili, dried	10			CXL	08	41		2009	
FS 0014	Plums (including fresh prunes)	2			CXL	09	42		2010	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2016	49		2017	
FB 0275	Strawberry	3			CXL	09	42		2010	
FT 0305	Table Olives	5			CXL	09	42		2010	
DT 1116	Tea, green	30			CXL	12	45		2013	
VO 0448	Tomato	1			CXL	08	41		2009	

174 Cadusafos

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0005 mg/kg bw (2009)

ARfD: 0.001 mg/kg bw (2009)

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

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

175 Glufosinate-Ammonium

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2012)

ARfD: 0.01 mg/kg bw (2012)

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.4			CXL	12	45		2013	
FT 0026	Assorted tropical and sub-tropical fruits - edible peel	0.1			CXL	12	45		2013	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.1		(except banana and kiwifruit)	CXL	12	45		2013	
FI 0327	Banana	0.2			CXL	2012	46	45	2014	
AL 0061	Bean fodder	1			CXL	12	45		2013	
FB 0020	Blueberries	0.1			CXL	12	45		2013	
VR 0577	Carrot	0.05			CXL	12	45		2013	
FC 0001	Citrus fruits	0.05			CXL	12	45		2013	
SB 0716	Coffee beans	0.1			CXL	12	45		2013	
VD 0526	Common bean (dry)	0.05			CXL	12	45		2013	
VP 0526	Common bean (pods and/or immature seeds)	0.05		(*)	CXL	12	45		2013	
VL 0470	Corn salad	0.05			CXL	12	45		2013	
SO 0691	Cotton seed	5			CXL	12	45		2013	
FB 0021	Currants, black, red, white	1			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	3			CXL	2012	46	45	2014	
PE 0112	Eggs	0.05		(*)	CXL	12	45		2013	
FB 0268	Gooseberry	0.1			CXL	12	45		2013	
FB 0269	Grapes	0.15			CXL	12	45		2013	
FI 0341	Kiwifruit	0.6			CXL	2012	46	45	2014	
VL 0482	Lettuce, Head	0.4			CXL	12	45		2013	
VL 0483	Lettuce, Leaf	0.4			CXL	2012	46	45	2014	
GC 0645	Maize	0.1			CXL	12	45		2013	
AS 0645	Maize fodder (dry)	8			CXL	12	45		2013	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL	12	45		2013	
ML 0106	Milks	0.02		(*)	CXL	12	45		2013	
VA 0385	Onion, Bulb	0.05			CXL	12	45		2013	
FP 0009	Pome fruits	0.1			CXL	12	45		2013	
VR 0589	Potato	0.1			CXL	12	45		2013	
PM 0110	Poultry meat	0.05		(*)	CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.1		(*)	CXL	12	45		2013	
DF 0014	Prunes, dried	0.3			CXL	12	45		2013	
SO 0495	Rape seed	1.5			CXL	12	45		2013	
OC 0495	Rape seed oil, Crude	0.05		(*)	CXL	12	45		2013	
FB 0272	Raspberries, Red, Black	0.1			CXL	12	45		2013	
GC 0649	Rice	0.9			CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	2			CXL	12	45		2013	
VD 0541	Soya bean (dry)	2			CXL	14	47		2015	
FS 0012	Stone fruits	0.15			CXL	12	45		2013	
FB 0275	Strawberry	0.3			CXL	12	45		2013	
VR 0596	Sugar beet	1.5			CXL	12	45		2013	
DM 0596	Sugar beet molasses	8			CXL	12	45		2013	
TN 0085	Tree nuts	0.1			CXL	12	45		2013	

176 Hexythiazox

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2008)

ARfD: Unnecessary (2008)

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

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

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

The residue is fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DT 1114	Tea, Green, Black (black, fermented and dried)	15			CXL	11	44		2012	
VO 0448	Tomato	0.1			CXL	09	42		2010	
TN 0085	Tree nuts	0.05 (*)			CXL	09	42		2010	

177 Abamectin

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.001 mg/kg bw (2015)

ARfD: 0.003 mg/kg bw (2015)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Avermectin B1a. The residue is fat-soluble.

Note: The ADI also applies to the 8,9-Z isomer and the 24-hydroxymethyl metabolite of abamectin.
The ARfD also applies to the 8,9-Z isomer and the 24-hydroxymethyl metabolite of abamectin.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.2			CXL	2015	48		2016	
FI 0326	Avocado	0.015			CXL	2015	48		2016	
VD 0071	Beans (dry)	0.005			CXL	2015	48		2016	
VP 0061	Beans, except broad bean and soya bean	0.08		(immature beans with pods)	CXL	2015	48		2016	
FB 0264	Blackberries	0.05			CXL	2015, 2018	51		2016	Withdrawal recommended by JMPR 2018.
FB 2005	Cane berries	0.2			3	2018	51			
VS 0624	Celery	0.03			CXL	2015	48		2016	
FS 0013	Cherries	0.07			CXL	2015	48		2016	
DH 2605	Chive, dry	0.08			3	2018	51			
FC 0001	Citrus fruits	0.02			CXL	2015	48		2016	
SO 0691	Cotton seed	0.015			CXL	2015	48		2016	
VC 0424	Cucumber	0.03			CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.03			CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.1			3	2018	51	48		
VO 0440	Egg plant	0.05			CXL	2015	48		2016	
VA 0381	Garlic	0.005			CXL	2015	48		2016	
VC 0425	Gherkin	0.03			CXL	2015	48		2016	
JF 0269	Grape juice	0.015			CXL	2015	48		2016	
JF 0269	Grape juice	0.05			3	2018	51			
FB 0269	Grapes	0.01			CXL	2015	48		2016	
FB 0269	Grapes	0.03			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	2032	Green onions			3	2018	51			
HH	2095	Herbs			3	2018	51			
DH	1100	Hops, Dry			CXL	2015	48		2016	
VA	0384	Leek			CXL	2015	48		2016	Withdrawal recommended by JMPR 2018.
VL	0482	Lettuce, Head			CXL	2015	48		2016	
FI	0345	Mango			CXL	2015	48		2016	
VC	0046	Melons, except watermelon			CXL	2015	48		2016	
VA	0385	Onion, Bulb			CXL	2015	48		2016	
OR	0004	Orange oil, edible			3	2018	51			
FI	0350	Papaya			CXL	2015	48		2016	
FS	2001	Peaches (including Apricots and Nectarine)			CXL	2015	48		2016	
SO	0697	Peanut		(*)	CXL	2015	48		2016	
VO	0444	Peppers Chili		(*)	CXL	2015	48		2016	
HS	0444	Peppers Chili, dried			CXL	2015	48		2016	
VO	0445	Peppers, sweet (including pimento or pimiento)			CXL	2015	48		2016	
FI	0353	Pineapple		(*)	3	2018	51			
FS	0014	Plums (including fresh prunes)			CXL	2015	48		2016	
FP	0009	Pome fruits			CXL	2015	48		2016	
VR	0589	Potato		(*)	CXL	2015	48		2016	
FB	0272	Raspberries, Red, Black			CXL	2015	48		2016	Withdrawal recommended by JMPR 2018.
AS	0649	Rice straw and fodder, Dry			CXL	2015	48		2016	
CM	0649	Rice, Husked			CXL	2015	48		2016	
VA	0388	Shallot			CXL	2015	48		2016	
VD	0541	Soya bean (dry)		(*)	3	2018	51			
FB	0275	Strawberry			CXL	2015	48		2016	
VP	2062	Succulent beans without pods		(*)	3	2018	51			

Commodity										
Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 2090	Sweet corns	0.002			3	2018	51			
VR 0508	Sweet potato	0.005 (*)			CXL	2015	48		2016	
VO 0448	Tomato	0.05			CXL	2015	48		2016	
TN 0085	Tree nuts	0.005 (*)			CXL	2015	48		2016	
VR 0600	Yams	0.005 (*)			CXL	2015	48		2016	

178 Bifenthrin

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2009)

ARfD: 0.01 mg/kg bw (2009)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.1			CXL	10	43		2011	
GC 0640	Barley	0.05 (*)			CXL	10	43	28,29,30	1999	Withdrawal recommended (JMPR 2010). The manufacturer would submit supporting data for barley, barley straw and fodder, dry, therefore the CCPR decided to retain these CXLs under 4 years Periodic Review Procedure (43-50). The CCPR agreed to retain the existing CXLs for barley and barley straw and fodder, dry, awaiting the outcome of the 2018 JMPR. (48-60)
AS 0640	Barley straw and fodder, Dry	0.5			CXL	10	43		1995	See barley.
FB 0264	Blackberries	1			CXL	10	43		2011	
FB 0020	Blueberries	3			CXL	2015	48		2016	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.4			CXL	10	43		2011	
VS 0624	Celery	3			4	2015	48			The CCPR agreed to retain the proposed MRLs for strawberry; celery and lettuce, head at Step 4 (in light of acute intake risk identified by the 2015 JMPR) and await an alternative GAP for review by the 2017 JMPR.(48-58)
FC 0001	Citrus fruits	0.05			CXL	10	43		2011	
SO 0691	Cotton seed	0.5			CXL	10	43		2011	
FB 0266	Dewberries (including boysenberry and loganberry)	1			CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.2			CXL	10	43		2011	
VO 0440	Egg plant	0.3			CXL	10	43		2011	
FB 0269	Grapes	0.3			CXL	2015	48		2016	
DH 1100	Hops, Dry	20			CXL	10	43		2011	
VL 0482	Lettuce, Head	4			4	2015	48			See celery.
GC 0645	Maize	0.05		(*)	CXL	10	43		2011	
AS 0645	Maize fodder (dry)	15			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	3		(fat)	CXL	10	43		2011	
FM 0183	Milk fats	3			CXL	10	43		2011	
ML 0106	Milks	0.2			CXL	10	43		2011	
VL 0485	Mustard greens	4			CXL	10	43		2011	
VO 0442	Okra	0.2			7	10	44	43		CCPR agreed to hold the draft MRL for okra at Step 7 awaiting data from India (49:48)
AL 0072	Pea hay or pea fodder (dry)	0.7			CXL	10	43		2011	
VP 0063	Peas (pods and succulent=immature seeds)	0.9			CXL	2015	48		2016	
VP 0064	Peas, Shelled (succulent seeds)	0.05		(*)	CXL	2015	48		2016	
VO 0051	Peppers	0.5			CXL	10	43		2011	
HS 0444	Peppers Chili, dried	5			CXL	10	43		2011	
VD 0070	Pulses	0.3			CXL	10	43		2011	
VL 0494	Radish leaves (including radish tops)	4			CXL	10	43		2011	
SO 0495	Rape seed	0.05			CXL	10	43		2011	
OR 0495	Rape seed oil, Edible	0.1			CXL	10	43		2011	
FB 0272	Raspberries, Red, Black	1			CXL	10	43		2011	
VR 0075	Root and tuber vegetables	0.05			CXL	10	43		2011	
HS 0191	Spices, Fruits and Berries	0.03			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.05			CXL		43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0275	Strawberry	1			CXL				1995	
FB 0275	Strawberry	3			4	2015	48	43		ARfD is exceeded. No alternative GAP is available (2010 JMPR). Due to short term intake concern identified by JMPR, the CCPR retained the MRL at Step 4 awaiting data from the manufacturer to support a review of alternative GAP by JMPR in 2014 (43:53). CCPR agreed to retain the MRLs for mango, okra and papaya at Step 7 and the MRL for strawberry at Step 4 awaiting review by JMPR (47:64).The CCPR agreed to retain the proposed draft MRLs for strawberry; celery and lettuce, head at Step 4 (in light of acute intake risk identified by the 2015 JMPR) and await an alternative GAP for review by the 2017 JMPR.(48:58)
DT 1114	Tea, Green, Black (black, fermented and dried)	30			CXL	10	43		2011	
VO 0448	Tomato	0.3			CXL	10	43		2011	
TN 0085	Tree nuts	0.05			CXL	10	43		2011	
GC 0654	Wheat	0.5	Po		CXL	10	43		2011	
CM 0654	Wheat bran, Unprocessed	2	PoP		CXL	10	43		2011	
CF 1210	Wheat germ	1	Po		CXL	10	43		2011	

179 Cycloxydim

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.07 mg/kg bw (2009)

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

Residue: For compliance with the MRLs and estimation of dietary intake) for plant and animal commodities: Cycloxydim, metabolites and degradation products which can be oxidized to 3-(3-thianyl) glutaric acid S-dioxide and 3-hydroxy-3-(3-thianyl) glutaric acid S-dioxide, expressed as cycloxydim. The residue is not fat-soluble.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0051	Peppers	9			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	90			CXL	12	45		2013	
FP 0009	Pome fruits	0.09		(*)	CXL	12	45		2013	
VR 0589	Potato	3			CXL	12	45		2013	
PF 0111	Poultry fats	0.03		(*)	CXL	12	45		2013	
PM 0110	Poultry meat	0.03		(*)	CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02			CXL	12	45		2013	
SO 0495	Rape seed	7			CXL	12	45		2013	
GC 0649	Rice	0.09		(*)	CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	0.09			CXL	12	45		2013	
VD 0541	Soya bean (dry)	80			CXL	12	45		2013	
FS 0012	Stone fruits	0.09		(*)	CXL	12	45		2013	
FB 0275	Strawberry	3			CXL	12	45		2013	
VR 0596	Sugar beet	0.2			CXL	12	45		2013	
SO 0702	Sunflower seed	6			CXL	12	45		2013	
VR 0497	Swede	0.2			CXL	12	45		2013	
VO 0448	Tomato	1.5			CXL	12	45		2013	

180 Dithianon

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (2010)

ARfD: 0.1 mg/kg bw (2010)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Dithianon. The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.05		(*)	CXL	2013	46		2014	
FB 0021	Currants, black, red, white	2			CXL	2013	46		2014	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3.5			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	2013	46		2014	
PE 0112	Eggs	0.01		(*)	CXL	2013	46		2014	
DH 1100	Hops, Dry	300			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2013	46		2014	
ML 0106	Milks	0.01		(*)	CXL	2013	46		2014	
FP 0009	Pome fruits	1			CXL	2013	46		2014	
PM 0110	Poultry meat	0.01		(*)	CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2013	46		2014	
FS 0012	Stone fruits	2			CXL	2013	46		2014	
FB 1235	Table-grapes	2			CXL	2013	46		2014	
FB 1236	Wine-grapes	5			CXL	2013	46		2014	

181 Myclobutanil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.03 mg/kg bw (2014)

ARfD: 0.3 mg/kg bw (2014)

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

For estimation of dietary intake for and animal commodities: Myclobutanil.

For estimation of dietary intake for plant commodities: Sum of myclobutanil, α -(4-chlorophenyl)- α -(3-hydroxybutyl)-1H-1,2,4-triazole- 1-propanenitrile (RH-9090) and its conjugates, expressed as myclobutanil.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.8			CXL	2014	47		2015	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.05			CXL	2014	47		2015	
VA 0035	Bulb vegetables, group of (includes all commodities in this group)	0.06			CXL	2014	47		2015	
FS 0013	Cherries	3			CXL	2014	47		2015	
FB 0021	Currants, black, red, white	0.9			CXL	2014	47		2015	
DF 0269	Dried grapes (=currants, raisins and sultanas)	6			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	2014	47		2015	
PE 0112	Eggs	0.01		(*)	CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2014	47		2015	
FB 0269	Grapes	0.9			CXL	2014	47		2015	
DH 1100	Hops, Dry	5			CXL	2014	47		2015	
VL 0053	Leafy vegetables	0.05			CXL	2014	47		2015	
AL 0157	Legume animal feeds	0.2			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2014	47		2015	
ML 0106	Milks	0.01		(*)	CXL	2014	47		2015	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 2001	Peaches (including Apricots and Nectarine)	3			CXL	2014	47		2015	
VO 0051	Peppers	3			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	20			CXL	2014	47		2015	
FS 0014	Plums (including fresh prunes)	2			CXL	2014	47		2015	
FP 0009	Pome fruits	0.6			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01		(*)	CXL	2014	47		2015	
PM 0110	Poultry meat	0.01		(*)	CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2014	47		2015	
VR 0075	Root and tuber vegetables	0.06			CXL	2014	47		2015	
AS 0081	Straw and fodder (dry) of cereal grains	0.3			CXL	2014	47		2015	
FB 0275	Strawberry	0.8			CXL	2014	47		2015	
VO 0448	Tomato	0.3			CXL	2014	47		2015	

182 Penconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.03 mg/kg bw (2015)

ARfD: 0.8 mg/kg bw (2015)

Residue: For compliance with the MRL) for plant and animal commodities: Penconazole.

For dietary risk assessment) for plant commodities: Sum of penconazole and 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentan-2-ol (free and conjugated), expressed as penconazole.

For dietary risk assessment) for animal commodities: sum of penconazole, 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentan-2-ol (free and conjugated) and 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentanoic acid , expressed as penconazole.

The residue is fat-soluble.

Note: 1,2,4-Triazole(2015) ADI: 0–0.2 mg/kg bw; ARfD: 0.3 mg/kg bw.

Triazole alanine and triazole acetic acid (2015) ADI: 0–1 mg/kg bw; ARfD: 3 mg/kg bw.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			CXL	2016	49		2017	
VS 0620	Artichoke, globe	0.06			CXL	2016	49		2017	
VC 0424	Cucumber	0.06			CXL	2016	49		2017	
FB 0278	Currant, Black	2			CXL	2016	49		2017	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1.5			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	2016	49		2017	
VO 0440	Egg plant	0.09			CXL	2016	49		2017	
PE 0112	Eggs	0.05		(*)	CXL	2016	49		2017	
VC 0425	Gherkin	0.06			CXL	2016	49		2017	
FB 0269	Grapes	0.4			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.05		(*)	CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	2016	49		2017	
VC 0046	Melons, except watermelon	0.15			CXL	2016	49		2017	
ML 0106	Milks	0.01		(*)	CXL	2016	49		2017	
FS 2001	Peaches (including Apricots and Nectarine)	0.08			CXL	2016	49		2017	
FP 0230	Pear	0.1			CXL	2016	49		2017	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.2			CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
PM 0110	Poultry meat	0.05 (*)			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	2016	49		2017	
VC 0431	Squash, summer	0.06			CXL	2016	49		2017	
FB 0275	Strawberry	0.5			CXL	2016	49		2017	
VO 0448	Tomato	0.09			CXL	2016	49		2017	

184 Etofenprox

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2011)

ARfD: 1 mg/kg bw (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Etofenprox. The residue is fat-soluble.

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

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

185 Fenpropathrin

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2012)

ARfD: 0.03 mg/kg bw (2012)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Fenpropathrin.
The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2014	47		2015	
FC 0001	Citrus fruits	2			CXL	2014	47		2015	
OR 0001	Citrus oil, edible	100			CXL	2014	47		2015	
SB 0716	Coffee beans	0.03			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01			CXL	2014	47		2015	
PE 0112	Eggs	0.01		(*)	CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2014	47		2015	
ML 0106	Milks	0.01			CXL	2014	47		2015	
VO 0051	Peppers	1			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	10			CXL	2014	47		2015	
FS 0014	Plums (including fresh prunes)	1			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01		(*)	CXL	2014	47		2015	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2014	47		2015	
DF 0014	Prunes, dried	3			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.01			CXL	2014	47		2015	
FB 0275	Strawberry	2			CXL	2014	47		2015	
DT 1114	Tea, Green, Black (black, fermented and dried)	3			CXL	2014	47		2015	
VO 0448	Tomato	1			CXL	2014	47		2015	
TN 0085	Tree nuts	0.15			CXL	2014	47		2015	

187 Clethodim

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1994)

ARfD: Unnecessary (1999)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
OR 0541	Soya bean oil, Refined	0.5 (*)			CXL	94,97	35	28,31-34	2003	
VR 0596	Sugar beet	0.1			CXL	94,97	35	28,31-34	2003	
SO 0702	Sunflower seed	0.5			CXL	99	35	28,31,33,34	2003	
OC 0702	Sunflower seed oil, crude	0.1 (*)			CXL	99	35	28,31,33,34	2003	
VO 0448	Tomato	1			CXL	97	35	31-34	2003	

188 Fenpropimorph

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.004 mg/kg bw (2017)

ARFD: 0.1; 0.4 0.1 mg/kg bw (Woman of child bearing age); 0.4 mg/kg bw (General population) (2017)

Residue: For compliance with MRLs and for estimation of dietary exposure) for plant commodities: Fenpropimorph.

For compliance with the MRLs and for estimation of dietary exposure) for animal commodities: 2-methyl-2-[4-[2-methyl-3-(cis-2,6-dimethylmorpholin-4-yl)propyl]phenyl]propionic acid, expressed as fenpropimorph.

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	2			CXL	2017	50		2018	
GC 0640	Barley	0.2			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	0.5			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.7			CXL	2017	50		2018	
PE 0112	Eggs	0.005 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.04			CXL	2017	50		2018	
ML 0106	Milks	0.01			CXL	2017	50		2018	
AS 0647	Oat straw and fodder, Dry	0.5			CXL	2017	50		2018	
GC 0647	Oats	0.2			CXL	2017	50		2018	
PF 0111	Poultry fats	0.005 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.005 (*)			CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.005 (*)			CXL	2017	50		2018	
GC 0650	Rye	0.07			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, Dry	0.5			CXL	2017	50		2018	
VR 0596	Sugar beet	0.03			CXL	2017	50		2018	
AB 0596	Sugar beet pulp, Dry	0.1			CXL	2017	50		2018	
GC 0653	Triticale	0.07			CXL	2017	50		2018	
AS 0653	Triticale straw and fodder, Dry	0.5			CXL	2017	50		2018	
GC 0654	Wheat	0.07			CXL	2017	50		2018	
CM 0654	Wheat bran, Unprocessed	0.2			CXL	2017	50		2018	
CF 1210	Wheat germ	0.3			CXL	2017	50		2018	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS 0654	Wheat straw and fodder, Dry	0.5			CXL	2017	50		2018	
CF 1212	Wheat wholemeal	0.1			CXL	2017	50		2018	

189 Tebuconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2010)

ARfD: 0.3 mg/kg bw (2010)

Residue: For compliance with the MRL and for estimation of dietary exposure for plant and animal commodities: Tebuconazole. Residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	1			CXL	11	44	43	2012	
FS 0240	Apricot	2			CXL	11	44		2012	
VS 0620	Artichoke, globe	0.6			CXL	11	44		2012	
VS 0621	Asparagus	0.02		(*)	CXL	2015	48		2016	
FI 0327	Banana	1.5			CXL	2015	48		2016	
GC 0640	Barley	2			CXL	11	44		2012	
AS 0640	Barley straw and fodder, Dry	40			CXL	11	44		2012	
VD 0071	Beans (dry)	0.3			CXL	11	44		2012	
VP 2060	Beans with pods	3			CXL	2017	50		2018	
VB 0400	Broccoli	0.2			CXL	11	44		2012	
VB 0402	Brussels sprouts	0.3			CXL	11	44		2012	
VB 0041	Cabbages, Head	1			CXL	11	44		2012	
VR 0577	Carrot	0.4			CXL	11	44		2012	
VB 0404	Cauliflower	0.05		(*)	CXL	11	44		2012	
FS 0013	Cherries	4			CXL	11	44		2012	
SB 0716	Coffee beans	0.1			CXL	11	44		2012	
SO 0691	Cotton seed	2			CXL	11	44		2012	
VC 0424	Cucumber	0.2			CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	7			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.2			CXL	11	44		2012	
VO 0440	Egg plant	0.1			CXL	11	44		2012	
PE 0112	Eggs	0.05		(*)	CXL	11	44		2012	
FB 0267	Elderberries	1.5			CXL	11	44		2012	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VA 0381	Garlic	0.1			CXL	11	44		2012	
VR 0604	Ginseng	0.15			CXL	2015	48		2016	
DV 0604	Ginseng, dried including red ginseng	0.4			CXL	2015	48		2016	
DM 0604	Ginseng, extracts	0.5			CXL	2015	48		2016	
FB 0269	Grapes	6			CXL	11	44		2012	
DH 1100	Hops, Dry	40			CXL	11	44		2012	
VA 0384	Leek	0.7			CXL	11	44		2012	
VL 0482	Lettuce, Head	5			CXL	08	43	44	2012	
FI 0345	Mango	0.05			CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	11	44		2012	
VC 0046	Melons, except watermelon	0.15			CXL	11	44		2012	
ML 0106	Milks	0.01 (*)			CXL	11	44		2012	
FS 0245	Nectarine	2			CXL	11	44		2012	
GC 0647	Oats	2			CXL	11	44		2012	
VA 0385	Onion, Bulb	0.15			CXL	2015	48		2016	
FI 0350	Papaya	2			CXL	11	44		2012	
FI 0351	Passion fruit	0.1			CXL	11	44		2012	
FS 0247	Peach	2			CXL	11	44		2012	
SO 0697	Peanut	0.15			CXL	11	44		2012	
AL 0697	Peanut fodder	40			CXL	11	44		2012	
FP 0230	Pear	1			CXL	11	44		2012	
HS 0444	Peppers Chili, dried	10			CXL	11	44		2012	
VO 0445	Peppers, sweet (including pimento or pimienta)	1			CXL	11	44		2012	
FS 0014	Plums (including fresh prunes)	1		except prunes	CXL	11	44		2012	
PM 0110	Poultry meat	0.05 (*)			CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	11	44		2012	
DF 0014	Prunes, dried	3			CXL	11	44		2012	
SO 0495	Rape seed	0.3			CXL	11	44		2012	
GC 0649	Rice	1.5			CXL	11	44		2012	
GC 0650	Rye	0.15			CXL	11	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0650	Rye straw and fodder, Dry	40		CXL	11	44		2012	
VA	0388	Shallot	0.15		CXL	2015	48		2016	
VD	0541	Soya bean (dry)	0.15		CXL	11	44		2012	
VA	0389	Spring Onion	2		CXL	2015	48		2016	
VC	0431	Squash, summer	0.2		CXL	11	44		2012	
SO	0702	Sunflower seed	0.1		CXL	2015	48		2016	
VO	0447	Sweet corn (corn-on-the-cob)	0.6		CXL	11	44		2012	
FT	0305	Table Olives	0.05	(*)	CXL	11	44		2012	
VO	0448	Tomato	0.7		CXL	11	44		2012	
TN	0085	Tree nuts	0.05	(*)	CXL	11	44		2012	
GC	0653	Triticale	0.15		CXL	11	44		2012	
GC	0654	Wheat	0.15		CXL	11	44		2012	
AS	0654	Wheat straw and fodder, Dry	40		CXL	11	44		2012	

190 Teflubenzuron

Main Uses: Insect growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.005 mg/kg bw (2016)

ARfD: Unnecessary (2016)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Teflubenzuron. The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.5			CXL	2016	49		2017	
VB 0404	Cauliflower	0.01		(*)	CXL	2016	49		2017	
SB 0716	Coffee beans	0.3			CXL	2016	49		2017	
VC 0424	Cucumber	0.5			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	2016	49		2017	
PE 0112	Eggs	0.01		(*)	CXL	2016	49		2017	
VC 0425	Gherkin	1.5			CXL	2016	49		2017	
FB 0269	Grapes	0.7			CXL	2016	49		2017	
FC 0002	Lemons and limes (including citron)	0.5		CXL	2016	49	2017			
GC 0645	Maize	0.01		(*)	CXL	2016	49		2017	
OR 0645	Maize oil, Edible	0.015			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2016	49		2017	
VC 0046	Melons, except watermelon	0.3			CXL	2016	49		2017	
FM 0183	Milk fats	0.01		(*)	CXL	2016	49		2017	
ML 0107	Milk of cattle, goats & sheep	0.01		(*)	CXL	2016	49		2017	
OR 0004	Orange oil, edible	126			CXL	2016	49		2017	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.5		CXL	2016	49	2017			
FI 0350	Papaya	0.4			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01		(*)	CXL	2016	49		2017	
PM 0110	Poultry meat	0.01		(*)	CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0541	Soya bean (dry)	0.05			CXL	2016	49		2017	
AB 0541	Soya bean hulls	0.2			CXL	2016	49		2017	
GS 0659	Sugar cane	0.01 (*)			CXL	2016	49		2017	
SO 0702	Sunflower seed	0.3			CXL	2016	49		2017	
VO 0448	Tomato	1.5			CXL	2016	49		2017	

191 Tolclofos-Methyl

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.07 mg/kg bw (1994)

Residue: Tolclofos-methyl.

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

192 Fenarimol

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.01 mg/kg bw (1995)

Residue: Fenarimol

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.1			CXL	95,96	30	29	1999	
FI 0327	Banana	0.2			CXL	95,96	30	29	1999	
MO 1280	Cattle kidney	0.02		(*)	CXL	95,96	30	29	1999	
MO 1281	Cattle liver	0.05			CXL	95,96	30	29	1999	
MM 0812	Cattle meat	0.02		(*)	CXL	95,96	30	29	1999	
FS 0013	Cherries	1			CXL	95,96	30	29	1999	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.2			CXL	95,96	30	29	1999	
FB 0269	Grapes	0.3			CXL	95,96	30	29	1999	
DH 1100	Hops, Dry	5			CXL	96	30		1999	
VC 0046	Melons, except watermelon	0.05			CXL	95,96	30	29	1999	
FS 0247	Peach	0.5			CXL	95,96	30	29	1999	
TN 0672	Pecan	0.02		(*)	CXL	95,96	30	29	1999	
HS 0444	Peppers Chili, dried	5			CXL	04	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.5			CXL	95,96	30	29	1999	
FP 0009	Pome fruits	0.3			CXL	95,96	30	29	1999	
FB 0275	Strawberry	1		T	CXL	95,96	30		1999	
AS 0447	Sweet corn fodder	5			CXL	95,96	30	29	1999	

193 Fenpyroximate

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2017)

ARfD: 0.01 mg/kg bw (2017)

Residue: For compliance with the MRL) for plant commodities : Fenpyroximate.

For estimation of dietary exposure for plant and animal commodities: Sum of parent fenpyroximate and itert-butyl (Z)- α -(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)-p-toluate (its Z-isomer M-1), expressed as fenpyroximate.

For compliance with the MRL) for animal commodities: Sum of fenpyroximate, 2-hydroxymethyl-2propyl (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)-methylenaminooxymethyl]benzoate(Fen-OH), and (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneaminooxymethyl]benzoic acid(M-3), expressed as fenpyroximate.

For estimation of dietary exposure for animal commodities: Sum of fenpyroximate, 2-hydroxymethyl-2propyl (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)-methylenaminooxymethyl]benzoate(Fen-OH), (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneaminooxymethyl]benzoic acid(M-3), and (E)-4-[(1,3-dimethyl-5-(4-hydroxyphenoxy)pyrazol-4-yl)methyleneaminooxymethyl]benzoic acid (M-5, free and its conjugates), expressed as fenpyroximate

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	2017	50		2018	
DF 0226	Apples, dried	1			CXL	2017	50		2018	
FS 0240	Apricot	0.4			4	2017	50			CCPR50 (2018) agreed to keep the proposed draft MRLs for apricot; cherries (subgroup); cherry tomato; peach; plums (subgroup); watermelon; and tomato at Step 4, awaiting evaluation of the additional toxicological data by the 2020 JMPR (50:51)
FI 0326	Avocado	0.2			CXL	2017	50		2018	
VP 2060	Beans with pods,	0.5			CXL	2017	50		2018	
FS 0013	Cherries	2			CXL	2013	46		2014	
FS 0013	Cherries	2			4	2017	50			The information provided to the JMPR precludes an estimate that the dietary exposure for cherry, peach, plums, watermelon, dried tomatoes and dried plums would be below the ARfD. See also apricot.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 2700	Cherry tomato	0.3			4	2017	50			See apricot. Withdrawal recommended by JMPR 2018.
FC 0001	Citrus fruits	0.6			CXL	2017	50		2018	
OR 0001	Citrus oil, edible	25			CXL	2017	50		2018	
SB 0716	Coffee beans	0.07			CXL	2017	50		2018	
VC 0424	Cucumber	0.3			CXL	2017	50		2018	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.2			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.5			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.5			3	2018	51			
VO 2046	Eggplants	0.3			CXL	2017	50		2018	
VO 0050	Fruiting vegetables other than cucurbits	0.2		Except sweet corn and mushrooms	CXL	10	43		2011	Recommended for withdrawal by JMPR 2017.
FB 0269	Grapes	0.1			CXL	2017	50		2018	
DH 1100	Hops, Dry	15			CXL	2017	50		2018	
GC 0645	Maize	0.01	(*)		CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.1			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.1	(fat)		CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.1	(fat)		3	2018	51			
VC 0046	Melons, except watermelon	0.2			CXL	2017	50		2018	
ML 0106	Milks	0.01	(*)		CXL	2017	50		2018	
ML 0106	Milks	0.01			3	2018	51			
FS 0247	Peach	0.8			4	2017	50			The information provided to JMPR precludes an estimate that the dietary exposure for cherry, peach, plums, watermelon, dried tomatoes and dried plums would be below the ARfD. See also apricot.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0230	Pear	0.2			CXL	2017	50		2018	
VO 0051	Peppers	0.2		(except martynia, okra and roselle)	CXL	17	50		2018	
HS 0444	Peppers Chili, dried	1			CXL	10	43		2011	Recommended for withdrawal by JMPR 2017. See apricot
FS 0014	Plums (including fresh prunes)	0.8			4	2017	50			
VR 0589	Potato	0.05		(*)	CXL	2017	50		2018	
DF 0014	Prunes, dried	0.7			CXL	2013	46		2014	Recommended for withdrawal by JMPR 2017.
FB 0272	Raspberries, Red, Black	0.2			CXL	2017	50		2018	
VC 0431	Squash, summer	0.06			CXL	2017	50		2018	
FS 0012	Stone fruits	0.4		(except cherries)	CXL	2013	46		2014	Recommended for withdrawal by JMPR 2017.
FB 0275	Strawberry	0.3			CXL	2017	50		2018	
DT 1114	Tea, Green, Black (black, fermented and dried)	8			CXL	2017	50		2018	
VO 0448	Tomato	0.3			4	2017	50			See apricot. Withdrawal recommended by JMPR 2018.
VO 2045	Tomatoes	0.3			3	2018	51			
TN 0085	Tree nuts	0.05		(*)	CXL	2017	50		2018	
VC 0432	Watermelon	0.05			4	2017	50			The information provided to the JMPR precludes an estimate that the dietary exposure for cherry, peach, plums, watermelon, dried tomatoes and dried plums would be below the ARfD. See also apricot.

194 Haloxyfop

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0007 mg/kg bw (2006)

ARfD: 0.08 mg/kg bw (2009)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0541	Soya bean (dry)	2			CXL	09	43		2011	
FS 0012	Stone fruits	0.02		(*)	CXL	09	42		2010	
VR 0596	Sugar beet	0.4			CXL	09	43		2011	
SO 0702	Sunflower seed	0.3			CXL	09	43		2011	

195 Flumethrin

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.004 mg/kg bw (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	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0812	Cattle meat	0.2	(fat) V	On carcass fat basis. The MRL accommodates external animal treatment.	CXL	96	30		1999	
ML 0812	Cattle milk	0.05	F V	On carcass fat basis. The MRL accommodates external animal treatment.	CXL	96	30		1999	

196 Tebufenozide

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (1996)

ARfD: 0.9 mg/kg bw (2003)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0495	Rape seed	2			CXL	01	36	34,35	2004	
FB 0272	Raspberries, Red, Black	2			CXL	01	36	34,35	2004	
CM 0649	Rice, Husked	0.1			CXL	96	30		1999	
GS 0659	Sugar cane	1			CXL	01	36	34,35	2004	
VO 0448	Tomato	1			CXL	01	36	34,35	2004	
TN 0678	Walnuts	0.05			CXL	96	30		1999	

197 Fenbuconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (1997)

ARfD: 0.2 mg/kg bw (2012)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Fenbuconazole. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	09	45	43,44	2013	
FS 0240	Apricot	0.5			CXL	97	32	31	2001	
FI 0327	Banana	0.05			CXL	97	31		1999	
GC 0640	Barley	0.2			CXL	97	32	31	2001	
CM 0640	Barley bran, unprocessed	1			CXL	09	45	43,44	2013	
AS 0640	Barley straw and fodder, Dry	3			CXL	97	32	31	2001	
FB 0020	Blueberries	0.5			CXL	09	45	43,44	2013	
FS 0013	Cherries	1			CXL	97	31		1999	
FC 0001	Citrus fruits	0.5		(except lemons and limes)	CXL	2013	46		2014	
OR 0001	Citrus oil, edible	30		(except lemons and limes)	CXL	2013	46		2014	
AB 0001	Citrus pulp, Dry	4			CXL	2013	46		2014	
FB 0265	Cranberry	1			CXL	09	45	43,44	2013	
VC 0424	Cucumber	0.2			CXL	97	31		1999	
MO 0105	Edible offal (mammalian)	0.1			CXL	09	45	43,44	2013	
PE 0112	Eggs	0.01 (*)			CXL	09	42		2010	
FB 0269	Grapes	1			CXL	97	31		1999	
FC 0002	Lemons and limes (including citron)	1			CXL	2013	46		2014	
OR 0002	Lemons and limes, edible oil refined	60			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	09	45	43,44	2013	
VC 0046	Melons, except watermelon	0.2			CXL	97	31		1999	
ML 0106	Milks	0.01 (*)			CXL	09	42		2010	
FS 0247	Peach	0.5			CXL	97	32	31	2001	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0697	Peanut	0.1			CXL 09		45	43,44	2013	
AL 0697	Peanut fodder	15			CXL 09		45	43,44	2013	
VO 0051	Peppers	0.6			CXL 09		45	43,44	2013	
HS 0444	Peppers Chili, dried	2			CXL 09		45	43,44	2013	
FS 0014	Plums (including fresh prunes)	0.3			CXL 09		45	43,44	2013	
FP 0009	Pome fruits	0.5			CXL 09		45	43,44	2013	
PM 0110	Poultry meat	0.01 (*)			CXL 09		42		2010	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL 09		42		2010	
SO 0495	Rape seed	0.05 (*)			CXL 97		32	31	2001	
GC 0650	Rye	0.1			CXL 97		31		1999	
VC 0431	Squash, summer	0.05			CXL 97		31		1999	
SO 0702	Sunflower seed	0.05 (*)			CXL 97		31		1999	
AS 0447	Sweet corn fodder	1			CXL 09		45	43	2013	
TN 0085	Tree nuts	0.01 (*)			CXL 09		42		2010	
GC 0654	Wheat	0.1			CXL 97		31		1999	
AS 0654	Wheat straw and fodder, Dry	3			CXL 97		31		1999	

199 Kresoxim-Methyl

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.3 mg/kg bw (2018)

ARfD: Unnecessary (2018)

Residue: For compliance with the MRL for plant commodities: Kresoxim-methyl.

For dietary risk assessment for plant commodities: Sum of kresoxim-methyl and metabolites (2E)-(methoxyimino){2-[(2-methylphenoxy)methyl]phenyl}acetic acid (490M1) and (2E)-{2-[(4-hydroxy-2-methylphenoxy)methyl]phenyl}(methoxyimino)acetic acid (490M9) including their conjugates expressed as kresoxim-methyl.

For compliance with the MRL and dietary risk assessment for animal commodities: Sum of metabolites (2E)-(methoxyimino){2-[(2-methylphenoxy)methyl]phenyl}acetic acid (490M1), and (2E)-{2-[(4-hydroxy-2-methylphenoxy)methyl]phenyl}(methoxyimino)acetic acid (490M9) expressed as kresoxim-methyl.

The residue is not fat-soluble

Note: The 2018 JMPR concluded that the ADI could be applied to the metabolites 490M1 and 490M9 and their conjugates. JMPR also concluded that if future uses of kresoxim-methyl result in an increase of the exposure for metabolite 490M2, a reconsideration of the residue definition for dietary exposure purposes may become necessary.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.1			CXL	98	34	32	2003	Withdrawal recommended by JMPR 2018.
GC 2087	Barley, similar grains, and pseudocereals with husks	0.15			3	2018	51			
VR 0574	Beetroot	0.05		(*)	3	2018	51			
VC 0424	Cucumber	0.05		(*)	CXL	98	32		2001	Withdrawal recommended by JMPR 2018.
FB 0021	Currants, black, red, white	0.9			3	2018	51			
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL	98	32		2001	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			3	2018	51			
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	98	34	32	2003	
MO 0105	Edible offal (mammalian)	0.05			3	2018	51			
PE 0112	Eggs	0.02		(*)	3	2018	51			
VC 0045	Fruiting vegetables, cucurbits	0.5			3	2018	51			
VA 0381	Garlic	0.01			3	2018	51			
FC 0203	Grapefruit	0.5			CXL	01	35	34	2003	Withdrawal recommended by JMPR 2018.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0269	Grapes	1			CXL	98	32		2001	
FB 0269	Grapes	1.5			3	2018	51			
VA 0384	Leek	10			3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.05		(*)	CXL	98	34	32	2003	
MF 0100	Mammalian fats (except milk fats)	0.02		(*)	3	2018	51			
FI 0345	Mango	0.1			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*)	CXL	98	34	32	2003	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(*)	3	2018	51			
ML 0106	Milks	0.01		(*)	CXL	98	34	32	2003	
ML 0106	Milks	0.02		(*)	3	2018	51			
OC 0305	Olive oil, virgin	0.7			CXL	01	35	34	2003	
SO 0305	Olives for oil production	0.2			3	2018	51			
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.5			CXL	01	35	34	2003	
FS 0247	Peach	1.5			3	2018	51			
TN 0672	Pecan	0.05		(*)	3	2018	51			
VO 0445	Peppers, sweet (including pimento or pimienta)	0.3			3	2018	51			
FP 0009	Pome fruits	0.2			CXL	98	34	32	2003	Withdrawal recommended by JMPR 2018.
PF 0111	Poultry fats	0.02		(*)	3	2018	51			
PM 0110	Poultry meat	0.05		(*)	CXL	98	34	32	2003	
PM 0110	Poultry meat	0.02		(*)	3	2018	51			
PO 0111	Poultry, Edible offal of	0.02		(*)	3	2018	51			
GC 0650	Rye	0.05		(*)	CXL	98	32		2001	
AS 0081	Straw and fodder (dry) of cereal grains	5			CXL	98	32		2001	
AS 0081	Straw and fodder (dry) of cereal grains	3		(DM	3	2018	51			
VR 0596	Sugar beet	0.05		(*)	3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FT 0305	Table Olives	0.2			CXL	01	35	34	2003	
FT 0305	Table Olives	0.2			3	2018	51			
VR 4571	Turnip	0.05 (*)			3	2018	51			
GC 0654	Wheat	0.05 (*)			CXL	98	32		2001	Withdrawal recommended by JMPR 2018.
GC 2086	Wheat, similar grains, and pseudocereals without husks	0.05			3	2018	51			

200 Pyriproxyfen

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.1 mg/kg bw (1999)

ARfD: Unnecessary (1999)

Residue: For compliance with the MRL and dietary risk assessment in plant and animal commodities: Pyriproxyfen. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0812	Cattle meat	0.01		(*) (fat)	CXL	99	34	33	2003	
MO 0812	Cattle, Edible offal of	0.01		(*)	CXL	99	34	33	2003	
FC 0001	Citrus fruits	0.5			CXL		33		2001	
SO 0691	Cotton seed	0.05			CXL	99	34	33	2003	
OC 0691	Cotton seed oil, Crude	0.01			CXL	99	34	33	2003	
OR 0691	Cotton seed oil, Edible	0.01			CXL	99	34	33	2003	
VC 0424	Cucumber	0.04			3	2018	51			
VO 0440	Egg plant	0.6			3	2018	51			
VC 0425	Gherkin	0.04			3	2018	51			
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	
VC 0046	Melons, except watermelon	0.07			3	2018	51			
FI 0350	Papaya	0.3			3	2018	51			
VO 0051	Peppers	0.6			3	2018	51			
HS 0444	Peppers Chili, dried	6			3	2018	51			
FI 0353	Pineapple	0.01			3	2018	51			
VC 0431	Squash, summer	0.04			3	2018	51			
VO 0448	Tomato	0.4			3	2018	51			

201 Chlorpropham

Main Uses: Plant growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2005)

ARfD: 0.5 mg/kg bw (2005)

Residue: Chlorpropham (fat-soluble).

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

202 Fipronil

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.0002 mg/kg bw Group ADI for fipronil and fipronil-desulfinyl [5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylpyrazole (MB 46513)] (2000).

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

Residue: For compliance with MRLs and for dietary risk assessment) for plant commodities: Fipronil.

For compliance with MRLs and for dietary risk assessment) for animal commodities: Sum of fipronil and 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylsulphonylpyrazole (MB 46136), expressed as fipronil.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.005			CXL	01	35	34	2003	
GC 0640	Barley	0.002 (*)			CXL	01	35	34	2003	
HH 0722	Basil	1.5			CXL	2016	49		2017	
VB 0041	Cabbages, Head	0.02			CXL	01	35	34	2003	
MO 1280	Cattle kidney	0.02			CXL	01	35	34	2003	
MO 1281	Cattle liver	0.1			CXL	01	35	34	2003	
MM 0812	Cattle meat	0.5 (fat)			CXL	01	35	34	2003	
ML 0812	Cattle milk	0.02			CXL	01	35	34	2003	
PE 0112	Eggs	0.02			CXL	01	35	34	2003	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.02			CXL	01	35	34	2003	
GC 0645	Maize	0.01			CXL	01	35	34	2003	
AS 0645	Maize fodder (dry)	0.1	dry wt		CXL	01	35	34	2003	
GC 0647	Oats	0.002 (*)			CXL	01	35	34	2003	
VR 0589	Potato	0.02			CXL	01	35	34	2003	
PM 0110	Poultry meat	0.01 (*)			CXL	01	35	34	2003	
PO 0111	Poultry, Edible offal of	0.02			CXL	01	35	34	2003	
GC 0649	Rice	0.01			CXL	01	35	34	2003	
AS 0649	Rice straw and fodder, Dry	0.2	dry wt		CXL	01	35	34	2003	
GC 0650	Rye	0.002 (*)			CXL	01	35	34	2003	
VR 0596	Sugar beet	0.2			CXL	01	35	34	2003	
SO 0702	Sunflower seed	0.002 (*)			CXL	01	35	34	2003	
GC 0653	Triticale	0.002 (*)			CXL	01	35	34	2003	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0654	Wheat	0.002 (*)			CXL	01	35	34	2003	

203 Spinosad

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2001)

ARfD: Unnecessary (2001)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Sum of spinosyn A and spinosyn D.
The residue is fat-soluble, but the residues in milk should be determined in the whole milk.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0265	Cranberry	0.02			CXL	11	44		2012	
FB 0266	Dewberries (including boysenberry and loganberry)	1			CXL	11	44		2012	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1			CXL	04	37		2005	
MO 0105	Edible offal (mammalian)	0.5		Except cattle	CXL	04	37		2005	
PE 0112	Eggs	0.01			CXL	01	35	34	2003	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	01	35	34	2003	
FB 0269	Grapes	0.5			CXL	04	37		2005	
FI 0341	Kiwifruit	0.05			CXL	01	35	34	2003	
VL 0053	Leafy vegetables	10			CXL	01	36	34,35	2004	
VP 0060	Legume vegetables	0.3			CXL	01	35	34	2003	
AS 0645	Maize fodder (dry)	5			CXL	01	35	34	2003	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	04	37		2005	
VA 0385	Onion, Bulb	0.1			CXL	11	44		2012	
FI 0351	Passion fruit	0.7			CXL	11	44		2012	
VO 0051	Peppers	0.3			CXL	01	35	34	2003	
HS 0444	Peppers Chili, dried	3			CXL	04	38	37	2006	
VR 0589	Potato	0.01	(*)		CXL	01	35	34	2003	
PM 0110	Poultry meat	0.2	(fat)		CXL	01	35	34	2003	
FB 0272	Raspberries, Red, Black	1			CXL	11	44		2012	
VD 0541	Soya bean (dry)	0.01	(*)		CXL	01	35	34	2003	
VA 0389	Spring Onion	4			CXL	11	44		2012	
FS 0012	Stone fruits	0.2			CXL	01	35	34	2003	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	01	35	34	2003	
VO 0448	Tomato	0.3			CXL	01	35	34	2003	
TN 0085	Tree nuts	0.07			CXL	11	44		2012	
CM 0654	Wheat bran, Unprocessed	2			CXL	04	37		2005	
AS 0654	Wheat straw and fodder, Dry	1			CXL	01	35	34	2003	

204 Esfenvalerate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2002)

ARfD: 0.02 mg/kg bw (2002)

Residue: Sum of fenvalerate isomers (fat-soluble).

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

205 Flutolanil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0.09 mg/kg bw (2002)

ARfD: Unnecessary (2002)

Residue: For compliance with MRL and for estimation of dietary intake) for plant commodities: Flutolanil.

For compliance with MRL and for estimation of dietary intake) for animal commodities: Flutolanil and transformation products containing the 2-trifluoromethylbenzoic acid moiety, expressed as flutolanil.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.05 (*)			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.5			CXL	2013	46		2014	
PE 0112	Eggs	0.05 (*)			CXL	02	36	35	2004	
VL 0054	Leaves of Brassicaceae	0.07			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	02	36	35	2004	
ML 0106	Milks	0.05 (*)			CXL	02	36	35	2004	
PM 0110	Poultry meat	0.05 (*)			CXL	02	36	35	2004	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	02	36	35	2004	
CM 1206	Rice bran, Unprocessed	10			CXL	02	36	35	2004	
AS 0649	Rice straw and fodder, Dry	10			CXL	02	36	35	2004	
CM 0649	Rice, Husked	2			CXL	02	36	35	2004	
CM 1205	Rice, Polished	1			CXL	02	36	35	2004	

206 Imidacloprid

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.06 mg/kg bw (2001)

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

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

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	5			CXL	08	41		2009	
FP 0226	Apple	0.5			CXL	02	36	35	2004	
FI 0327	Banana	0.05			CXL	02	36	35	2004	
AS 0640	Barley straw and fodder, Dry	1			CXL	02	36	35	2004	
HH 0722	Basil	20			CXL	2015	48		2016	
VP 0061	Beans, except broad bean and soya bean	2			CXL	02	36	35	2004	
FB 0018	Berries and other small fruits	5		Except cranberries, grapes and strawberries.	CXL	08	41		2009	
VB 0400	Broccoli	0.5			CXL	02	36	35	2004	
VB 0402	Brussels sprouts	0.5			CXL	02	36	35	2004	
VB 0041	Cabbages, Head	0.5			CXL	02	36	35	2004	
VB 0404	Cauliflower	0.5			CXL	02	36	35	2004	
VS 0624	Celery	6			CXL	12	45		2013	
GC 0080	Cereal grains	0.05			CXL	02	36	35	2004	
FS 0013	Cherries	4			CXL	2015	48		2016	
FC 0001	Citrus fruits	1			CXL	02	45	35,36	2013	
AB 0001	Citrus pulp, Dry	10			CXL	02	36	35	2004	
SB 0716	Coffee beans	1			CXL	08	41		2009	
FB 0265	Cranberry	0.05 (*)			CXL	06	39		2007	
VC 0424	Cucumber	1			CXL	02	36	35	2004	
MO 0105	Edible offal (mammalian)	0.3			CXL	08	41		2009	
VO 0440	Egg plant	0.2			CXL	02	36	35	2004	
PE 0112	Eggs	0.02			CXL	08	41		2009	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0269	Grapes	1			CXL	02	36	35	2004	
DH 1100	Hops, Dry	10			CXL	02	36	35	2004	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	5			CXL	2015	48		2016	
VA 0384	Leek	0.05		(*)	CXL	02	36	35	2004	
VL 0482	Lettuce, Head	2			CXL	02	36	35	2004	
AS 0645	Maize fodder (dry)	0.2			CXL	02	36	35	2004	
FI 0345	Mango	0.2			CXL	02	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	08	41		2009	
VC 0046	Melons, except watermelon	0.2			CXL	02	36	35	2004	
ML 0106	Milks	0.1			CXL	08	41		2009	
AS 0647	Oat straw and fodder, Dry	1			CXL	02	36	35	2004	
SO 0305	Olives for oil production	2			CXL	2015	48		2016	
VA 0385	Onion, Bulb	0.1			CXL	02	36	35	2004	
FS 2001	Peaches (including Apricots and Nectarine)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	1			CXL	08	41		2009	
AL 0697	Peanut fodder	30			CXL	08	41		2009	
FP 0230	Pear	1			CXL	02	36	35	2004	
VP 0063	Peas (pods and succulent=immature seeds)	5			CXL	08	41		2009	
VP 0064	Peas, Shelled (succulent seeds)	2			CXL	08	41		2009	
VO 0051	Peppers	1			CXL	02	36	35	2004	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
FS 0014	Plums (including fresh prunes)	1.5			CXL	2015	48		2016	
FI 0355	Pomegranate	1			CXL	08	41		2009	
PM 0110	Poultry meat	0.02			CXL	08	41		2009	
PO 0111	Poultry, Edible offal of	0.05			CXL	08	41		2009	
DF 0014	Prunes, dried	5			CXL	2015	48		2016	
VD 0070	Pulses	2		(except soya beans)	CXL	12	45		2013	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0494	Radish leaves (including radish tops)	5			CXL 08		41		2009	
SO 0495	Rape seed	0.05 (*)			CXL 02		36	35	2004	
VR 0075	Root and tuber vegetables	0.5			CXL 08		41		2009	
AS 0650	Rye straw and fodder, Dry	1			CXL 02		36	35	2004	
VD 0541	Soya bean (dry)	3			CXL 2015		48		2016	
AL 0541	Soya bean fodder	50			CXL 2015		48		2016	
VC 0431	Squash, summer	1			CXL 02		36	35	2004	
FB 0275	Strawberry	0.5			CXL 08		41		2009	
SO 0702	Sunflower seed	0.05 (*)			CXL 08		41		2009	
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL 02		36	35	2004	
AS 0447	Sweet corn fodder	5			CXL 02		36	35	2004	
FT 0305	Table Olives	2			CXL 2015		48		2016	
DT 1114	Tea, Green, Black (black, fermented and dried)	50			CXL 2015		48		2016	
VO 0448	Tomato	0.5			CXL 02		36	35	2004	
TN 0085	Tree nuts	0.01			CXL 07		41		2009	
VC 0432	Watermelon	0.2			CXL 02		36	35	2004	
CM 0654	Wheat bran, Unprocessed	0.3			CXL 02		36	35	2004	
CF 1211	Wheat flour	0.03			CXL 02		36	35	2004	
AS 0654	Wheat straw and fodder, Dry	1			CXL 02		36	35	2004	

207 Cyprodinil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2003)

ARfD: Unnecessary (2003)

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Cyprodinil. The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.05		(*)	CXL	03	37	36	2005	
TN 0660	Almonds	0.02		(*)	CXL	03	37	36	2005	
VS 0620	Artichoke, globe	4			CXL	2017	50		2018	
FI 0326	Avocado	1			CXL	2013	46		2014	
GC 0640	Barley	3			CXL	03	37	36	2005	
VD 0071	Beans (dry)	0.2			CXL	2013	46		2014	
VP 2060	Beans with pods	2			CXL	2017	50		2018	
VP 0062	Beans, Shelled	0.06			CXL	2013	46		2014	
FB 0018	Berries and other small fruits	10		(except grapes)	CXL	2013	46		2014	
VB 0041	Cabbages, Head	0.7			CXL	2013	46		2014	
VR 0577	Carrot	1.5			CXL	2017	50		2018	
VS 0624	Celery	30			CXL	2017	50		2018	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	03	37	36	2005	
DH 0170	Dried herbs	300		(except hops, dry)	CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.01			CXL	2013	46		2014	
PE 0112	Eggs	0.01		(*)	CXL	03	37	36	2005	
VB 0042	Flowerhead brassicas (includes Broccoli, Chinese and Cauliflower)	2			CXL	2013	46		2014	
VO 0050	Fruiting vegetables other than cucurbits	2		(except sweet corn and mushroom)	CXL	2013	46		2014	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	2013	46		2014	
FB 0269	Grapes	3			CXL	03	37	36	2005	
FI 0336	Guava	1.5			CXL	2017	50		2018	
HH 0092	Herbs	40			CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0053	Leafy vegetables	50		(except brassica leafy vegetables)	CXL	2013	46		2014	
VL 0054	Leaves of Brassicaceae	15			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)	(fat)	CXL	03	37	36	2005	
ML 0106	Milks	0.0004	(*)	F	CXL	03	37	36	2005	
				The MRL is calculated as 4% of the LOQ for milk fat (0.01 mg/kg). Milk fat is the fraction of the milk that is analyzed (JMPR 2003).						
VA 0385	Onion, Bulb	0.3			CXL	03	37	36	2005	
VR 0588	Parsnip	0.7			CXL	2013	46		2014	
HS 0444	Peppers Chili, dried	9			CXL	2013	46		2014	
FP 0009	Pome fruits	2			CXL	2013	46		2014	
FI 0355	Pomegranate	10	Po		4	2017	50			CCPR50 (2018) agreed to keep the proposed MRL for pomegranate at Step 4 awaiting the outcome of the 2018 JMPR (50:54-56)
FI 0355	Pomegranate	5	Po		3	2018	51			
VR 0589	Potato	0.01	(*)		CXL	2017	50		2018	
PM 0110	Poultry meat	0.01	(*)	(fat)	CXL	03	37	36	2005	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	03	37	36	2005	
DF 0014	Prunes, dried	5			CXL	03	37	36	2005	
VR 0494	Radish	0.3			CXL	2013	46		2014	
SO 0495	Rape seed	0.02			CXL	2015	48		2016	
FS 0012	Stone fruits	2			CXL	03	37	36	2005	
AS 0081	Straw and fodder (dry) of cereal grains	10			CXL	03	37	36	2005	
TN 0085	Tree nuts	0.04		(except almond and pistachio)	CXL	2017	50		2018	
GC 0654	Wheat	0.5			CXL	03	37	36	2005	
CM 0654	Wheat bran, Unprocessed	2			CXL	03	37	36	2005	

208 Famoxadone

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.006 mg/kg bw (2003)

ARfD: 0.6 mg/kg bw (2003)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	03	37	36	2005	
AS 0640	Barley straw and fodder, Dry	5			CXL	03	37	36	2005	
VC 0424	Cucumber	0.2			CXL	03	37	36	2005	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	03	37	36	2005	
MO 0105	Edible offal (mammalian)	0.5			CXL	03	37	36	2005	
PE 0112	Eggs	0.01		(*)	CXL	03	37	36	2005	
AB 0269	Grape pomace, Dry	7			CXL	03	37	36	2005	
FB 0269	Grapes	2			CXL	03	37	36	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.5		(fat)	CXL	03	37	36	2005	
ML 0106	Milks	0.03		F	CXL	03	37	36	2005	
VR 0589	Potato	0.02		(*)	CXL	03	37	36	2005	
PM 0110	Poultry meat	0.01		(*)	CXL	03	37	36	2005	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	03	37	36	2005	
VC 0431	Squash, summer	0.2			CXL	03	37	36	2005	
VO 0448	Tomato	2			CXL	03	37	36	2005	
GC 0654	Wheat	0.1			CXL	03	37	36	2005	
CM 0654	Wheat bran, Unprocessed	0.2			CXL	03	37	36	2005	
AS 0654	Wheat straw and fodder, Dry	7			CXL	03	37	36	2005	

209 Methoxyfenozide

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2003)

ARfD: 0.9 mg/kg bw (2003)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Methoxyfenozide.
The residue is fat-soluble, but is not classified as fat-soluble with respect to its distribution in milk.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.3			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.3	(fat)		CXL	12	45		2013	
ML 0106	Milks	0.05			CXL	09	42		2010	
VL 0485	Mustard greens	30			CXL	03	37	36	2005	
FI 0350	Papaya	1			CXL	09	42		2010	
SO 0697	Peanut	0.03			CXL	09	42		2010	
AL 0697	Peanut fodder	80			CXL	09	42		2010	
OR 0697	Peanut oil, Edible	0.1			CXL	09	42		2010	
VD 0072	Peas (dry)	5			CXL	12	45		2013	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	12	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	09	42		2010	
VO 0051	Peppers	2			CXL	03	37	36	2005	
HS 0444	Peppers Chili, dried	20			CXL	04	38	37	2006	
FP 0009	Pome fruits	2			CXL	03	37	36	2005	
PM 0110	Poultry meat	0.01	(*)		CXL	03	37	36	2005	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	03	37	36	2005	
DF 0014	Prunes, dried	2			CXL	03	37	36	2005	
VR 0494	Radish	0.4			CXL	09	42		2010	
VL 0494	Radish leaves (including radish tops)	7			CXL	09	42		2010	
FS 0012	Stone fruits	2			CXL	03	37	36	2005	
FB 0275	Strawberry	2			CXL	09	42		2010	
VR 0596	Sugar beet	0.3			CXL	09	42		2010	
VO 0447	Sweet corn (corn-on-the-cob)	0.02	(*)		CXL	03	37	36	2005	
AS 0447	Sweet corn fodder	7			CXL	03	37	36	2005	
VR 0508	Sweet potato	0.02			CXL	09	42		2010	
VO 0448	Tomato	2			CXL	03	37	36	2005	
TN 0085	Tree nuts	0.1			CXL	03	37	36	2005	

210 Pyraclostrobin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2003)

ARfD: 0.7 mg/kg bw (2018)

Residue: Definition of the residue for compliance with MRL and for estimation of dietary intake / risk assessment for plant and animal commodities: Pyraclostrobin.
The residue is fat-soluble.

Note: No revision of the ADI established in 2003 was necessary (2018). The ARfD = 0.05 mg/kg bw established in 2007 was withdrawn (2018).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	30			CXL	11	44		2012	
FP 0226	Apple	0.5			CXL	06	39		2007	Withdrawal recommended by JMPR 2018.
VS 0620	Artichoke, globe	2			CXL	11	44		2012	
VS 0621	Asparagus	0.01	(*)		3	2018	51			
FI 0326	Avocado	0.2			3	2018	51			
FI 0327	Banana	0.02	(*)		CXL	04	38	37	2006	
GC 0640	Barley	1			CXL	11	44		2012	
VD 0071	Beans (dry)	0.2			CXL	04	38	37	2006	
VP 2060	Beans with pods	0.3			3	2018	51			
FB 0264	Blackberries	3			CXL	11	44		2012	
FB 0020	Blueberries	4			CXL	11	44		2012	
VP 0523	Broad bean, without pods (succulent seeds)	0.01			3	2018	51			
VB 0402	Brussels sprouts	0.3			CXL	06	39		2007	
VB 0041	Cabbages, Head	0.2			CXL	06	39		2007	
SB 0715	Cacao beans	0.01			3	2018	51			
VC 4199	Cantaloupe	0.2			CXL	06	39		2007	
VR 0577	Carrot	0.5			CXL	04	38	37	2006	Withdrawal recommended by JMPR 2018.
VS 0624	Celery	1.5			3	2018	51			
FS 0013	Cherries	3		CXL	2014	47	2015			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0001	Citrus fruits	2			CXL	11	45	44	2013	
OR 0001	Citrus oil, edible	10			CXL	12	45		2013	
SB 0716	Coffee beans	0.3			CXL	06	39		2007	
VP 0526	Common bean (pods and/or immature seeds)	0.6			3	2018	51			
VP 2845	Common beans (succulent seeds)	0.3			3	2018	51			
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
VD 2066	Dry peas	0.3			3	2018	51			
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	04	38	37	2006	
MO 0105	Edible offal (mammalian)	0.05			3	2018	51			
VO 0440	Egg plant	0.3			CXL	06	39		2007	
PE 0112	Eggs	0.05		(*)	CXL	04	38	37	2006	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.1			CXL	06	39		2007	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	11	44		2012	
VA 0381	Garlic	0.15			CXL	11	44		2012	
FB 0269	Grapes	2			CXL	04	38	37	2006	
DH 1100	Hops, Dry	15			CXL	06	39		2007	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	1			CXL	06	39		2007	
VA 0384	Leek	0.7			CXL	06	39		2007	
VD 0533	Lentil (dry)	0.5			CXL	04	38	37	2006	
VL 0482	Lettuce, Head	2			CXL	06	39		2007	
VL 0482	Lettuce, Head	40			3	2018	51			
GC 0645	Maize	0.02		(*)	CXL	04	38	37	2006	
MF 0100	Mammalian fats (except milk fats)	0.5			3	2018	51			
FI 0345	Mango	0.05		(*)	CXL	04	38	37	2006	
FI 0345	Mango	0.6			3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	04	38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			3	2018	51			
ML 0106	Milks	0.03			CXL	04	38	37	2006	
ML 0106	Milks	0.03			3	2018	51			
GC 0647	Oats	1			CXL	11	44		2012	
SO 0089	Oilseed, except peanut	0.4			CXL	11	44		2012	
OC 0305	Olive oil, virgin	0.07			3	2018	51			
SO 0305	Olives for oil production	0.01			3	2018	51			
VA 0385	Onion, Bulb	1.5			CXL	11	44		2012	
FI 0350	Papaya	0.15			CXL	11	44		2012	
FI 0351	Passion fruit	0.2			3	2018	51			
AL 0072	Pea hay or pea fodder (dry)	30			CXL	04	38	37	2006	
FS 2001	Peaches (including Apricots and Nectarine)	0.3			CXL	2014	47		2015	
AL 0697	Peanut fodder	50			CXL	04	38	37	2006	
SO 0703	Peanut, whole	0.02 (*)			CXL	04	38	37	2006	
VD 0072	Peas (dry)	0.3			CXL	04	38	37	2006	
VP 0063	Peas (pods and succulent=immature seeds)	0.02 (*)			CXL	06	39		2007	Withdrawal recommended by JMPR 2018.
VP 2061	Peas with pods	0.3			3	2018	51			
VO 0051	Peppers	0.5			CXL	06	39		2007	
FI 0353	Pineapple	0.3			3	2018	51			
TN 0675	Pistachio nuts	1			CXL	04	38	37	2006	
FS 0014	Plums (including fresh prunes)	0.8		CXL	2014	47	2015			
FP 0009	Pome fruits	0.7			3	2018	51			
VR 0589	Potato	0.02 (*)			CXL	04	38	37	2006	Withdrawal recommended by JMPR 2018.
PM 0110	Poultry meat	0.05 (*) (fat)			CXL	04	38	37	2006	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	04	38	37	2006	
VR 0494	Radish	0.5			CXL	04	38	37	2006	Withdrawal recommended by JMPR 2018.
VL 0494	Radish leaves (including radish tops)	20			CXL	04	38	37	2006	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0272	Raspberries, Red, Black	3			CXL	11	44		2012	
GC 0649	Rice	1.5			3	2018	51			
AS 0649	Rice straw and fodder, Dry	5	(dw)		3	2018	51			
CM 0649	Rice, Husked	0.09			3	2018	51			
CM 1205	Rice, Polished	0.03			3	2018	51			
VR 2070	Root vegetables	0.5			3	2018	51			
GC 0650	Rye	0.2			CXL	11	44		2012	
GC 0651	Sorghum	0.5			CXL	11	44		2012	
VD 0541	Soya bean (dry)	0.05			CXL	06	39		2007	
GC 4673	Spelt	0.2			CXL	06	39		2007	
VL 0502	Spinach	1.5			3	2018	51			
VA 0389	Spring Onion	1.5			CXL	11	44		2012	
AS 0081	Straw and fodder (dry) of cereal grains	30			CXL	04	38	37	2006	
FB 0275	Strawberry	1.5			CXL	11	44		2012	
VP 2063	Succulent peas without pods,	0.08			3	2018	51			
VR 0596	Sugar beet	0.2			CXL	04	38	37	2006	
GS 0659	Sugar cane	0.08			3	2018	51			
FT 0305	Table Olives	0.01			3	2018	51			
DT 1114	Tea, Green, Black (black, fermented and dried)	6			3	2018	51			
VO 0448	Tomato	0.3			CXL	04	38	37	2006	
TN 0085	Tree nuts	0.02	(*)	except pistachio nuts	CXL	11	44		2012	
GC 0653	Triticale	0.2			CXL	11	44		2012	
VR 2071	Tuberous and corm vegetables	0.02	(*)		3	2018	51			
GC 0654	Wheat	0.2			CXL	04	38	37	2006	
VL 2832	Witloof chicory (sprouts)	0.09			3	2018	51			

211 Fludioxonil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.4 mg/kg bw (2004)

ARfD: Unnecessary (2004)

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

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-4-carboxylic acid, expressed as fludioxonil.

Fludioxonil is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.4			CXL	2013	46		2014	
FI 0326	Avocado	1.5			3	2018	51			
VD 0071	Beans (dry)	0.5			CXL	2013	46		2014	
VP 0061	Beans, except broad bean and soya bean	0.6		(green pods and immature seeds)	CXL	2013	46		2014	
VP 0062	Beans, Shelled	0.4			CXL	2013	46		2014	
FB 0264	Blackberries	5			CXL	04	38	37	2006	
FB 0020	Blueberries	2			CXL	04	38	37	2006	
FB 0020	Blueberries	2			3	2018	51			
VB 0400	Broccoli	0.7			CXL	04	38	37	2006	
VA 2031	Bulb onions	0.5			3	2018	51			
VB 0041	Cabbages, Head	2			CXL	04	38	37	2006	
VB 0041	Cabbages, Head	0.7			3	2018	51			
VR 0577	Carrot	0.7			CXL	04	38	37	2006	
VR 0577	Carrot	1			3	2018	51			
VS 0624	Celery	15			3	2018	51			
GC 0080	Cereal grains	0.05	(*)		CXL	04	38	37	2006	
VD 0524	Chick-pea (dry)	0.3			3	2018	51			
FC 0001	Citrus fruits	10	Po		CXL	10	43		2011	
SO 0691	Cotton seed	0.05	(*)		CXL	04	38	37	2006	
FB 0266	Dewberries (including boysenberry and loganberry)	5			CXL	04	38	37	2006	
DH 0170	Dried herbs	60			CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	04	38	37	2006	
MO 0105	Edible offal (mammalian)	0.1			3	2018	51			
VO 0440	Egg plant	0.3			CXL	04	38	37	2006	
PE 0112	Eggs	0.01		(*)	CXL	2013	46		2014	
PE 0112	Eggs	0.02			3	2018	51			
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	46	2013		2014	
VR 0604	Ginseng	4			CXL	2013	46		2014	
FB 0269	Grapes	2			CXL	04	38	37	2006	
VA 2032	Green onions	0.8			3	2018	51			
FI 0336	Guava	0.5			3	2018	51			
HH 0092	Herbs	9			CXL	2013	46		2014	
FI 0341	Kiwifruit	15	Po		CXL	04	38	37	2006	
VL 0054	Leaves of Brassicaceae	15			3	2018	51			
VD 0533	Lentil (dry)	0.3			3	2018	51			
VL 0482	Lettuce, Head	10			CXL	04	38	37	2006	
VL 0483	Lettuce, Leaf	40			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.02			3	2018	51			
FI 0345	Mango	2			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	04	38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(fat)	3	2018	51			
ML 0106	Milks	0.01			CXL	04	38	37	2006	
ML 0106	Milks	0.04			3	2018	51			
VL 0485	Mustard greens	10			CXL	04	38	37	2006	Withdrawal recommended by JMPR 2018.
VA 0385	Onion, Bulb	0.5			CXL	04	38	37	2006	Withdrawal recommended by JMPR 2018.
VD 0072	Peas (dry)	0.07			CXL	04	38	37	2006	
VP 0063	Peas (pods and succulent=immature seeds)	0.3			CXL	04	38	37	2006	
VP 0064	Peas, Shelled (succulent seeds)	0.03			CXL	04	38	37	2006	
VO 0051	Peppers	1			CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0444	Peppers Chili, dried	4			CXL	2013	46		2014	
FI 0353	Pineapple	5	Po		3	2018	51			
TN 0675	Pistachio nuts	0.2			CXL	04	38	37	2006	
FP 0009	Pome fruits	5	Po		CXL	06	39		2007	
FI 0355	Pomegranate	2	Po		CXL	10	43		2011	
FI 0355	Pomegranate	3	Po		3	2018	51			
VR 0589	Potato	5	Po		CXL	2013	46		2014	
PF 0111	Poultry fats	0.01	(*)		3	2018	51			
PM 0110	Poultry meat	0.01	(*)		CXL	2013			2014	
PM 0110	Poultry meat	0.01	(*)		3	2018	51			
PO 0111	Poultry, Edible offal of	0.05	(*)		CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.1			3	2018	51			
VR 0494	Radish	0.3			CXL	2013	46		2014	
VL 0494	Radish leaves (including radish tops)	20			CXL	2013	46		2014	
SO 0495	Rape seed	0.02	(*)		CXL	04	38	37	2006	
FB 0272	Raspberries, Red, Black	5			CXL	04	38	37	2006	
VP 4453	Snap bean (young pods)	0.6			CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.2			3	2018	51			
VL 0502	Spinach	30			CXL	2013	46		2014	
FS 0012	Stone fruits	5	Po		CXL	04	38	37	2006	
AS 0081	Straw and fodder (dry) of cereal grains	0.06	(*)		CXL	04	38	37	2006	
FB 0275	Strawberry	3			CXL	04	38	37	2006	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	04	38	37	2006	
AS 0447	Sweet corn fodder	20			CXL	06	39		2007	
VR 0508	Sweet potato	10	Po		CXL	10	43		2011	
VO 0448	Tomato	3	Po		CXL	2013	46		2014	
VL 0473	Watercress	10			CXL	04	38	37	2006	
VR 0600	Yams	10	Po		CXL	10	43		2011	

212 Metalaxyl-M

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.08 mg/kg bw (2004) (for metalaxyl-M + metalaxyl (alone or in combination))

ARfD: Unnecessary (2004)

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

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.02 (*)			7	2004	46	37,38,39,40,41,42		See Note below.
SB 0715	Cacao beans	0.02			7	2004	46	37,38,39,40,41,42		See apple.
FB 0269	Grapes	1			7	2004	46	37,38,39,40,41,42		See apple.
VL 0482	Lettuce, Head	0.5			7	2004	46	37,38,39,40,41,42		See apple.
VA 0385	Onion, Bulb	0.03			7	2004	46	37,38,39,40,41,42		See apple.
VO 0445	Peppers, sweet (including pimento or pimienta)	0.5			7	2004	46	37,38,39,40,41,42		See apple.
VR 0589	Potato	0.02 (*)			7	2004	46	37,38,39,40,41,42		See apple.
VL 0502	Spinach	0.1			7	2004	46	37,38,39,40,41,42		See apple.
SO 0702	Sunflower seed	0.02 (*)			7	2004	46	37,38,39,40,41,42		See apple.
VO 0448	Tomato	0.2			7	2004	46	37,38,39,40,41,42		See apple.

Note (apple): CCPR37 Advanced all MRLs to Step 5 (37:174). Noted that metalaxyl was no longer supported by the original manufacturer. Several delegations informed CCPR that there are generic producers of this compound hence there could be continued support for metalaxyl MRLs. Returned all MRLs to Step 6 and considered revocation of all CXLs for metalaxyl in 2 years time (38:129-130). Returned all MRLs to Step 6 awaiting phasing out of metalaxyl (138) and requested information on support for metalaxyl CXLs. Thailand informed CCPR that metalaxyl was used in Thailand and that the phase-out of metalaxyl would cause trade problems (39:126). Retained all MRLs at Step 7 awaiting the periodic review of metalaxyl by JMPR in 2012 (toxicology) and 2013 (residues) (40:96). Retained all MRLs at Step 7 awaiting the periodic review by JMPR for both toxicology and residues in 2013 (41:122). Awaiting the outcome of the JMPR periodic re-evaluation of methalaxyl (138) for toxicology and residue in 2013 (42:74). Noted the concern form submitted by Cameroon, relating to the proposed reduction in the MRL for cocoa beans. The JMPR Secretariat advised that the advancement of the MRLs for metalaxyl-M was dependent on the outcome of the metalaxyl periodic review in 2015. Agreed to retain all MRLs for metalaxyl-M at Step 7 awaiting this review and to apply the 4 year rule for metalaxyl awaiting data on cocoa beans from Cameroon (46:76). CCPR agreed to retain all the MRLs for Metalaxyl-M at Step 7, awaiting the outcome of the Metalaxyl periodic re-evaluation scheduled for 2017 (47:76).

213 Trifloxystrobin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.04 mg/kg bw (2004)

ARfD: Unnecessary (2004)

Residue: For compliance with the MRL) for plant commodities: Trifloxystrobin.

For estimation of dietary exposure) of plant commodities: Sum of trifloxystrobin and

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

For compliance with the MRL and estimation of dietary exposure) in animal commodities: Sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneamino-oxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin.

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	04	38	37	2006	
VS 0621	Asparagus	0.05		(*)	CXL	12	45		2013	
FI 0327	Banana	0.05			CXL	04	38	37	2006	
GC 0640	Barley	0.5			CXL	04	38	37	2006	
AS 0640	Barley straw and fodder, Dry	7			CXL	04	38	37	2006	
VD 0071	Beans (dry)	0.01		(*)	CXL	2015	48		2016	
VB 0402	Brussels sprouts	0.1			CXL	04	38	37	2006	
VB 0041	Cabbages, Head	1.5			CXL	2017	50		2018	
VR 0577	Carrot	0.1			CXL	04	38	37	2006	
VS 0624	Celery	1			CXL	04	38	37	2006	
FC 0001	Citrus fruits	0.5			CXL	04	38	37	2006	
AB 0001	Citrus pulp, Dry	1			CXL	04	38	37	2006	
SO 0691	Cotton seed	0.4			CXL	2017	50		2018	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
VO 0440	Egg plant	0.7			CXL	12	45		2013	
PE 0112	Eggs	0.04		(*)	CXL	04	38	37	2006	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.5			CXL	04	38	37	2006	
VC 0045	Fruiting vegetables, cucurbits	0.3			CXL	04	38	37	2006	
VR 0604	Ginseng	0.03		(*)	CXL	2017	50		2018	
FB 0269	Grapes	3			CXL	04	38	37	2006	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DH 1100	Hops, Dry	40			CXL	04	38	37	2006	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.04		(*)	CXL	04	38	37	2006	
VA 0384	Leek	0.7			CXL	04	38	37	2006	
VD 0533	Lentil (dry)	0.01			CXL	2015	48		2016	
VL 0482	Lettuce, Head	15			CXL	12	45		2013	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	04	38	37	2006	
GC 0645	Maize	0.02			CXL	04	38	37	2006	
AS 0645	Maize fodder (dry)	10			CXL	04	38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(fat)	CXL	04	38	37	2006	
ML 0106	Milks	0.02		(*)	CXL	04	38	37	2006	
OR 0305	Olive oil, Refined	1.2			CXL	12	45		2013	
OC 0305	Olive oil, virgin	0.9			CXL	12	45		2013	
FI 0350	Papaya	0.6			CXL	12	45		2013	
SO 0697	Peanut	0.02		(*)	CXL	04	38	37	2006	
AL 0697	Peanut fodder	5			CXL	04	38	37	2006	
VD 0072	Peas (dry)	0.01			CXL	2015	48		2016	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.3			CXL	04	38	37	2006	
FP 0009	Pome fruits	0.7			CXL	04	38	37	2006	
VR 0589	Potato	0.02		(*)	CXL	04	38	37	2006	
PM 0110	Poultry meat	0.04		(*) (fat)	CXL	04	38	37	2006	
PO 0111	Poultry, Edible offal of	0.04		(*)	CXL	04	38	37	2006	
VR 0494	Radish	0.08			CXL	12	45		2013	
VL 0494	Radish leaves (including radish tops)	15			CXL	12	45		2013	
GC 0649	Rice	5			CXL	04	38	37	2006	
CM 1206	Rice bran, Unprocessed	7			CXL	04	38	37	2006	
AS 0649	Rice straw and fodder, Dry	10			CXL	04	38	37	2006	
VD 0541	Soya bean (dry)	0.05			CXL	2015	48		2016	
VL 0502	Spinach	20			CXL	2017	50		2018	
FS 0012	Stone fruits	3			CXL	04	38	37	2006	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0275	Strawberry	1			CXL	12	45		2013	
VR 0596	Sugar beet	0.05			CXL	04	38	37	2006	
DM 0596	Sugar beet molasses	0.1			CXL	04	38	37	2006	
AB 0596	Sugar beet pulp, Dry	0.2			CXL	04	38	37	2006	
FT 0305	Table Olives	0.3			CXL	12	45		2013	
VO 0448	Tomato	0.7			CXL	04	38	37	2006	
TN 0085	Tree nuts	0.02		(*)	CXL	04	38	37	2006	
GC 0654	Wheat	0.2			CXL	04	38	37	2006	
CM 0654	Wheat bran, Unprocessed	0.5			CXL	04	38	37	2006	
AS 0654	Wheat straw and fodder, Dry	5			CXL	04	38	37	2006	

214 Dimethenamid-P

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

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

ARfD: 0.5 mg/kg bw (2005)

Residue: For compliance with MRLs and for estimation of dietary intake: Dimethenamid-P and its enantiomer. This definition applies to both plant and animal commodities. The residue definition could apply to residues arising from the use of either dimethenamid-P or dimethanamid.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0061	Bean fodder	0.01 (*)			CXL	05	38		2006	
VD 0071	Beans (dry)	0.01 (*)			CXL	05	38		2006	
VR 0574	Beetroot	0.01 (*)			CXL	05	38		2006	
PE 0112	Eggs	0.01 (*)			CXL	05	38		2006	
AM 1051	Fodder beet	0.01 (*)			CXL	05	38		2006	
VA 0381	Garlic	0.01 (*)			CXL	05	38		2006	
GC 0645	Maize	0.01 (*)			CXL	05	38		2006	
AS 0645	Maize fodder (dry)	0.01 (*)			CXL	05	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	05	38		2006	
ML 0106	Milks	0.01 (*)			CXL	05	38		2006	
VA 0385	Onion, Bulb	0.01 (*)			CXL	05	38		2006	
SO 0697	Peanut	0.01 (*)			CXL	05	38		2006	
AL 0697	Peanut fodder	0.01 (*)			CXL	05	38		2006	
VR 0589	Potato	0.01 (*)			CXL	05	38		2006	
PM 0110	Poultry meat	0.01 (*)			CXL	05	38		2006	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	05	38		2006	
VA 0388	Shallot	0.01 (*)			CXL	05	38		2006	
GC 0651	Sorghum	0.01 (*)			CXL	05	38		2006	
AS 0651	Sorghum straw and fodder, Dry	0.01 (*)			CXL	05	38		2006	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	05	38		2006	
VR 0596	Sugar beet	0.01 (*)			CXL	05	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	05	38		2006	
VR 0508	Sweet potato	0.01 (*)			CXL	05	38		2006	

215 Fenhexamid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2005)

ARfD: Unnecessary (2005)

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0247	Peach	10			CXL	05	38		2006	
VO 0051	Peppers	2			CXL	05	38		2006	
FS 0014	Plums (including fresh prunes)	1			CXL	05	38		2006	
FB 0272	Raspberries, Red, Black	15			CXL	05	38		2006	
VC 0431	Squash, summer	1			CXL	05	38		2006	
FB 0275	Strawberry	10			CXL	05	38		2006	
VO 0448	Tomato	2			CXL	05	38		2006	

216 Indoxacarb

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2005)

ARfD: 0.1 mg/kg bw (2005)

Residue: For compliance with the MRL) for all commodities and (for estimation of dietary intake) for plant commodities: Sum of indoxacarb and its R enantiomer.
 For estimation of dietary intake) for animal commodities: Sum of indoxacarb, its R enantiomer and methyl 7-chloro-2,5-dihydro-2-[[[4-(trifluoromethoxy)phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate, expressed as indoxacarb.
 The residue is fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HH 0738	Mints	15			CXL	09	42		2010	
VD 0536	Mung bean (dry)	0.2			CXL	05	38		2006	
SO 0697	Peanut	0.02		(*)	CXL	05	38		2006	
AL 0697	Peanut fodder	50			CXL	05	38		2006	
FP 0230	Pear	0.2			CXL	05	38		2006	
VO 0051	Peppers	0.3			CXL	05	38		2006	
VR 0589	Potato	0.02			CXL	05	38		2006	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	09	42		2010	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	09	42		2010	
DF 0014	Prunes, dried	3			CXL	09	42		2010	
VD 0541	Soya bean (dry)	0.5			CXL	05	38		2006	
FS 0012	Stone fruits	1			CXL	09	42		2010	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	05	38		2006	
DT 1114	Tea, Green, Black (black, fermented and dried)	5			CXL	2013	46		2014	
VO 0448	Tomato	0.5			CXL	05	38		2006	

217 Novaluron

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2005)

ARfD: Unnecessary (2005)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Novaluron. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	0.1			CXL	10	43		2011	
FB 0020	Blueberries	7			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.7			CXL	10	43		2011	
VL 0464	Chard	15			CXL	10	43		2011	
VP 0526	Common bean (pods and/or immature seeds)	0.7			CXL	10	43		2011	
SO 0691	Cotton seed	0.5			CXL	05	38		2006	
MO 0105	Edible offal (mammalian)	0.7			CXL	10	43		2011	
PE 0112	Eggs	0.1			CXL	10	43		2011	
VO 0050	Fruiting vegetables other than cucurbits	0.7		Except sweet corn.	CXL	10	43		2011	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	10	(fat)		CXL	10	43		2011	
FM 0183	Milk fats	7			CXL	10	43		2011	
ML 0106	Milks	0.4			CXL	10	43		2011	
VL 0485	Mustard greens	25			CXL	10	43		2011	
FP 0009	Pome fruits	3			CXL	05	38		2006	
VR 0589	Potato	0.01	(*)		CXL	05	38		2006	
PM 0110	Poultry meat	0.5	(fat)		CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.1			CXL	10	43		2011	
DF 0014	Prunes, dried	3			CXL	10	43		2011	
VP 0541	Soya bean (immature seeds)	0.01	(*)		CXL	05	38		2006	
FS 0012	Stone fruits	7			CXL	10	43		2011	
FB 0275	Strawberry	0.5			CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GS 0659	Sugar cane	0.5			CXL	10	43		2011	
AS 0447	Sweet corn fodder	40			CXL	05	38		2006	

218 Sulfuryl fluoride

Main Uses: Fumigant

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2005)

ARfD: 0.3 mg/kg bw (2005)

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

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

Note: Residues resulting from sulfuryl fluoride fumigation of foodstuffs are primarily fluoride. The dietary risk assessment for fluoride from fumigant use needs to be considered in light of the overall exposure to fluoride from other sources.

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

219 Bifenazate

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2006)

ARfD: Unnecessary (2006)

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

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0012	Stone fruits	2			CXL	06	39		2007	
FB 0275	Strawberry	2			CXL	06	39		2007	
VO 0448	Tomato	0.5			CXL	06	39		2007	
TN 0085	Tree nuts	0.2			CXL	06	39		2007	

220 Aminopyralid

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.9 mg/kg bw (2007)

ARfD: Unnecessary (2007)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.1			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.05		Except kidney	CXL	07	40		2008	
PE 0112	Eggs	0.01		(*)	CXL	07	40		2008	
AS 0164	Fodder (dry) of cereal grains	3			CXL	07	40		2008	
AS 0162	Hay or fodder (dry) of grasses	70			CXL	07	40		2008	
MO 0098	Kidney of cattle, goats, pigs and sheep	1			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	07	40		2008	
ML 0106	Milks	0.02			CXL	07	40		2008	
GC 0647	Oats	0.1			CXL	07	40		2008	
PM 0110	Poultry meat	0.01		(*)	CXL	07	40		2008	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	07	40		2008	
AS 0163	Straw of cereal grains	0.3			CXL	07	40		2008	
GC 0653	Triticale	0.1			CXL	07	40		2008	
GC 0654	Wheat	0.1			CXL	07	40		2008	
CM 0654	Wheat bran, Unprocessed	0.3			CXL	07	40		2008	

221 Boscalid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.04 mg/kg bw (2006)

ARfD: Unnecessary (2006)

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			CXL	09	42		2010	
FP 0226	Apple	2			CXL	09	42		2010	
FI 0327	Banana	0.6			CXL	08	42	41	2010	
GC 0640	Barley	0.5			CXL	09	42		2010	
AS 0640	Barley straw and fodder, Dry	50	dry wt		CXL	09	42		2010	
FB 0018	Berries and other small fruits	10		Except strawberry and grapes.	CXL	09	42		2010	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	09	42		2010	
VA 0035	Bulb vegetables	5			CXL	09	42		2010	
GC 0080	Cereal grains	0.1		Except barley, oats, rye and wheat.	CXL	09	42		2010	
FC 0001	Citrus fruits	2			CXL	10	43		2011	
OR 0001	Citrus oil, edible	50			CXL	10	43		2011	
AB 0001	Citrus pulp, Dry	6			CXL	10	43		2011	
SB 0716	Coffee beans	0.05	(*)		CXL	09	42		2010	
DF 0269	Dried grapes (=currants, raisins and sultanas)	10			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.2			CXL	09	42		2010	
PE 0112	Eggs	0.02			CXL	09	42		2010	
VO 0050	Fruiting vegetables other than cucurbits	3		Except fungi, mushroom and sweet corn.	CXL	09	42		2010	
VC 0045	Fruiting vegetables, cucurbits	3			CXL	09	42		2010	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0269	Grapes	5			CXL 09		42		2010	
DH 1100	Hops, Dry	60			CXL 10		43		2011	
FI 0341	Kiwifruit	5			CXL 09		42		2010	
VL 0053	Leafy vegetables	40			CXL 10		43		2011	
VP 0060	Legume vegetables	3			CXL 09		42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.7	(fat)		CXL 09		42		2010	
FM 0183	Milk fats	2			CXL 09		42		2010	
ML 0106	Milks	0.1			CXL 09		42		2010	
AS 0647	Oat straw and fodder, Dry	50	dry wt		CXL 09		42		2010	
GC 0647	Oats	0.5			CXL 09		42		2010	
SO 0088	Oilseed	1			CXL 09		42		2010	
HS 0444	Peppers Chili, dried	10			CXL 09		42		2010	
TN 0675	Pistachio nuts	1			CXL 09		42		2010	
PF 0111	Poultry fats	0.02			CXL 09		42		2010	
PM 0110	Poultry meat	0.02			CXL 09		42		2010	
PO 0111	Poultry, Edible offal of	0.02			CXL 09		42		2010	
DF 0014	Prunes, dried	10			CXL 09		42		2010	
VD 0070	Pulses	3			CXL 09		42		2010	
VR 0075	Root and tuber vegetables	2			CXL 09		42		2010	
GC 0650	Rye	0.5			CXL 09		42		2010	
AS 0650	Rye straw and fodder, Dry	50	dry wt		CXL 09		42		2010	
VS 0078	Stalk and Stem Vegetables	30			CXL 10		43		2011	
FS 0012	Stone fruits	3			CXL 09		42		2010	
AS 0081	Straw and fodder (dry) of cereal grains	5	dry wt	Except straw and fodder of barley, oats, rye and wheat.	CXL 09		42		2010	
FB 0275	Strawberry	3			CXL 09		42		2010	
TN 0085	Tree nuts	0.05	(*)	Except pistachio.	CXL 09		42		2010	
GC 0654	Wheat	0.5			CXL 09		42		2010	
AS 0654	Wheat straw and fodder, Dry	50	dry wt		CXL 09		42		2010	

222 Quinoxifen

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2006)

ARfD: Unnecessary (2006)

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

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

223 Thiacloprid

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2006)

ARfD: 0.03 mg/kg bw (2006)

Residue: For compliance with MRLs and estimation of dietary intake in plant and animals commodities: Thiacloprid. The residue is not fat-soluble.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS 0654	Wheat straw and fodder, Dry	5			CXL	06	39		2007	
VC 0433	Winter squash	0.2			CXL	06	39		2007	

224 Difenoconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2007)

ARfD: 0.3 mg/kg bw (2007)

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant commodities: Difenoconazole.

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

Residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	1.5			CXL	2017	50		2018	
VS 0621	Asparagus	0.03			CXL	07	40		2008	
FI 0326	Avocado	0.6			CXL	2015	48		2016	
FI 0327	Banana	0.1			CXL	07	40		2008	
VP 0061	Beans, except broad bean and soya bean	0.7			CXL	10	43		2011	
FB 0020	Blueberries	4			CXL	2017	50		2018	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	2013	46		2014	
VR 0577	Carrot	0.2			CXL	07	40		2008	
VR 0578	Celeriac	0.5			CXL	07	40		2008	
VS 0624	Celery	3			CXL	07	40		2008	
FS 0013	Cherries	0.2			CXL	07	40		2008	
FC 0001	Citrus fruits	0.6			CXL	2013	46		2014	
SB 0716	Coffee beans	0.01	(*)		CXL	2017	50		2018	
VC 0424	Cucumber	0.2			CXL	2013	46		2014	
DF 0269	Dried grapes (=currants, raisins and sultanas)	6			CXL	2013	46		2014	
VD 2065	Dry beans	0.05		(except soya bean)	CXL	2017	50		2018	
VD 2066	Dry peas	0.15			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	1.5			CXL	2013	46		2014	
PE 0112	Eggs	0.03			CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0050	Fruiting vegetables other than cucurbits	0.6		(except peppers, chilli)	CXL	2017	50		2018	Replaces previous recommendation for Fruiting vegetables other than Cucurbits (except sweetcorn and mushrooms).
VA 0381	Garlic	0.02		(*)	CXL	07	40		2008	
VC 0425	Gherkin	0.2			CXL	2013	46		2014	
VR 0604	Ginseng	0.08			CXL	2013	46		2014	
DV 0604	Ginseng, dried including red ginseng	0.8			CXL	2017	50		2018	
DM 0604	Ginseng, extracts	0.6			CXL	2013	46		2014	
FB 0269	Grapes	3			CXL	2013	46		2014	
VA 0384	Leek	0.3			CXL	07	40		2008	
VL 0482	Lettuce, Head	2			CXL	07	40		2008	
VL 0483	Lettuce, Leaf	2			CXL	07	40		2008	
FI 0345	Mango	0.07			CXL	07	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.2		(fat)	CXL	2013	46		2014	
VC 0046	Melons, except watermelon	0.7			CXL	2013	46		2014	
ML 0106	Milks	0.02			CXL	2013	46		2014	
FS 0245	Nectarine	0.5			CXL	07	40		2008	
VA 0385	Onion, Bulb	0.1			CXL	2013	46		2014	
FI 0350	Papaya	0.2			CXL	07	40		2008	
FI 0351	Passion fruit	0.05			CXL	10	43		2011	
FS 0247	Peach	0.5			CXL	07	40		2008	
SO 0697	Peanut	0.01		(*)	CXL	2015	48		2016	
VP 0063	Peas (pods and succulent=immature seeds)	0.7			CXL	10	43		2011	
VO 0444	Peppers Chili	0.9			CXL	2017	50		2018	
HS 0444	Peppers Chili, dried	5			CXL	2017	50		2018	
FI 2540	Pitaya	0.15			CXL	2017	50		2018	
FS 0014	Plums (including fresh prunes)	0.2			CXL	07	40		2008	
FP 0009	Pome fruits	4		Po	CXL	2017	50		2018	
VR 0589	Potato	4		Po	CXL	2013	46		2014	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	07	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	07	40		2008	
SO	0495 Rape seed	0.15			CXL	2015	48		2016	
GC	0649 Rice	8			CXL	2017	50		2018	
AS	0649 Rice straw and fodder, Dry	17 (dw)			CXL	2017	50		2018	
CM	1205 Rice, Polished	0.07			CXL	2017	50		2018	
VD	0541 Soya bean (dry)	0.1			CXL	2015	48		2016	
VA	0389 Spring Onion	9			CXL	2013	46		2014	
VC	0431 Squash, summer	0.2			CXL	2013	46		2014	
FB	0275 Strawberry	2			CXL	2017	50		2018	
VR	0596 Sugar beet	0.2			CXL	07	40		2008	
SO	0702 Sunflower seed	0.02			CXL	07	40		2008	
GC	0447 Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	former sweet corn (before the revision of the Classification for Type03 Grasses)
AS	0447 Sweet corn fodder	0.01 (*) (dw)			CXL	2017	50		2018	
FT	0305 Table Olives	2			CXL	07	40		2008	
TN	0085 Tree nuts	0.03			CXL	10	43		2011	
VC	0432 Watermelon	0.02			CXL	2017	50		2018	
GC	0654 Wheat	0.02 (*)			CXL	07	40		2008	
AS	0654 Wheat straw and fodder, Dry	3			CXL	07	40		2008	

225 Dimethomorph

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2007)

ARfD: 0.6 mg/kg bw (2007)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	2			CXL	2014	47		2015	
VP 0062	Beans, Shelled	0.7			CXL	2014	47		2015	
VB 0400	Broccoli	4			CXL	2014	47		2015	
VB 0041	Cabbages, Head	6			CXL	2014	47		2015	
VS 0624	Celery	15			CXL	2014	47		2015	
VL 0470	Corn salad	10			CXL	07	40		2008	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	07	40		2008	
PE 0112	Eggs	0.01		(*)	CXL	07	40		2008	
VO 0050	Fruiting vegetables other than cucurbits	1.5			CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	07	40		2008	
VA 0381	Garlic	0.6			CXL	2014	47		2015	
FB 0269	Grapes	3			CXL	2014	47		2015	
DH 1100	Hops, Dry	80			CXL	07	40		2008	
VB 0405	Kohlrabi	0.02			CXL	07	40		2008	
VA 0384	Leek	0.8			CXL	2014	47		2015	
VL 0482	Lettuce, Head	10			CXL	07	40		2008	
VL 0483	Lettuce, Leaf	9			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	07	40		2008	
ML 0106	Milks	0.01		(*)	CXL	07	40		2008	
VA 0385	Onion, Bulb	0.6			CXL	2014	47		2015	
VA 0387	Onion, Welsh	9			CXL	2014	47		2015	
VP 0064	Peas, Shelled (succulent seeds)	0.15			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	5			CXL	07	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0353 Pineapple	0.01 (*)			CXL	07	40		2008	
VR	0589 Potato	0.05			CXL	07	40		2008	
PM	0110 Poultry meat	0.01 (*)			CXL	07	40		2008	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	07	40		2008	
VA	0388 Shallot	0.6			CXL	2014	47		2015	
VL	0502 Spinach	30			CXL	2014	47		2015	
VA	0389 Spring Onion	9			CXL	2014	47		2015	
FB	0275 Strawberry	0.5			CXL	2014	47		2015	
VL	0505 Taro leaves	10			CXL	2014	47		2015	

226 Pyrimethanil

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2007)

ARfD: Unnecessary (2007)

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

For compliance with the MRL and for dietary intake estimation) for milk: Sum of pyrimethanil and 2-anilino-4,6-dimethylpyrimidin-5-ol, expressed as pyrimethanil.

For compliance with the MRL and for dietary intake estimation) for livestock tissues (excluding poultry): Sum of pyrimethanil and 2-(4-hydroxyanilino)-4,6-dimethylpyrimidine, expressed as pyrimethanil.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	12			CXL	07	40		2008	
TN 0660	Almonds	0.2			CXL	07	40		2008	
FS 0240	Apricot	3			CXL	07	40		2008	
FI 0327	Banana	0.1			CXL	07	40		2008	
FB 0264	Blackberries	15			CXL	2015	48		2016	
FB 0020	Blueberries	8			CXL	2015	48		2016	
VR 0577	Carrot	1			CXL	07	40		2008	
FS 0013	Cherries	4	Po		CXL	07	40		2008	
FC 0001	Citrus fruits	7	Po		CXL	07	40		2008	
VP 0526	Common bean (pods and/or immature seeds)	3			CXL	07	40		2008	
VC 0424	Cucumber	0.7			CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	07	40		2008	
MO 0105	Edible offal (mammalian)	0.1			CXL	07	40		2008	
VD 0561	Field pea (dry)	0.5			CXL	07	40		2008	
DV 0604	Ginseng, dried including red ginseng	1.5			CXL	2013	46		2014	
FB 0269	Grapes	4			CXL	07	40		2008	
VL 0482	Lettuce, Head	3			CXL	07	40		2008	
FB 2009	Low growing berries	3			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(*)		CXL	07	40		2008	
ML 0106	Milks	0.01			CXL	07	40		2008	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0245	Nectarine	4			CXL	07	40		2008	
VA 0385	Onion, Bulb	0.2			CXL	07	40		2008	
AL 0072	Pea hay or pea fodder (dry)	3			CXL	07	40		2008	
FS 0247	Peach	4			CXL	07	40		2008	
FS 0014	Plums (including fresh prunes)	2			CXL	07	40		2008	
FP 0009	Pome fruits	15	Po		CXL	2013	46		2014	
VR 0589	Potato	0.05	(*)		CXL	07	40		2008	
FB 0272	Raspberries, Red, Black	15			CXL	2015	48		2016	
VA 0389	Spring Onion	3			CXL	07	40		2008	
AS 0447	Sweet corn fodder	40			CXL	07	40		2008	
VO 0448	Tomato	0.7			CXL	07	40		2008	

227 Zoxamide

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.5 mg/kg bw (2007)

ARfD: Unnecessary (2009)

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

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

229 Azoxystrobin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2008)

ARfD: Unnecessary (2008)

Residue: For compliance with the MRL and for estimation of dietary exposure for plant and animal commodities: Azoxystrobin. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	7			CXL	08	41		2009	
VS 0620	Artichoke, globe	5			CXL	08	41		2009	
VS 0621	Asparagus	0.01 (*)			CXL	08	41		2009	
FI 0327	Banana	2			CXL	08	41		2009	
GC 0640	Barley	1.5			CXL	2013	46		2014	
FB 0018	Berries and other small fruits	5		Except cranberry, grapes and strawberry	CXL	08	41		2009	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	08	41		2009	
VA 0035	Bulb vegetables	10			CXL	08	41		2009	
FT 0289	Carambola	0.1			CXL	12	45		2013	
VS 0624	Celery	5			CXL	08	41		2009	
FC 0001	Citrus fruits	15			CXL	08	41		2009	
SB 0716	Coffee beans	0.03			CXL	2013	46		2014	
SO 0691	Cotton seed	0.7			CXL	08	41		2009	
FB 0265	Cranberry	0.5			CXL	08	41		2009	
DH 0170	Dried herbs	300		Except hops (dry)	CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.07			CXL	08	41		2009	
PE 0112	Eggs	0.01 (*)			CXL	08	41		2009	
VO 0050	Fruiting vegetables other than cucurbits	3		Except mushrooms and sweet corn	CXL	08	41		2009	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0045	Fruiting vegetables, cucurbits	1			CXL	08	41		2009	
VR 0604	Ginseng	0.1			CXL	11	44		2012	
DV 0604	Ginseng, dried including red ginseng	0.3			CXL	11,12	45	44	2013	
DM 0604	Ginseng, extracts	0.5			CXL	11,12	45	44	2013	
FB 0269	Grapes	2			CXL	08	41		2009	
HH 0092	Herbs	70			CXL	08	41		2009	
DH 1100	Hops, Dry	30			CXL	08	41		2009	
VP 0060	Legume vegetables	3			CXL	08	41		2009	
VL 0482	Lettuce, Head	3			CXL	08	41		2009	
VL 0483	Lettuce, Leaf	3			CXL	08	41		2009	
GC 0645	Maize	0.02			CXL	08	41		2009	
AS 0645	Maize fodder (dry)	40	dry wt		CXL	08	41			
OR 0645	Maize oil, Edible	0.1			CXL	08	41		2009	
FI 0345	Mango	0.7			CXL	08	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(fat)		CXL	08	41		2009	
FM 0183	Milk fats	0.03			CXL	08	41		2009	
ML 0106	Milks	0.01			CXL	08	41		2009	
GC 0647	Oats	1.5			CXL	2013	46		2014	
FI 0350	Papaya	0.3			CXL	08	41		2009	
AL 0072	Pea hay or pea fodder (dry)	20	dry wt		CXL	2013	46		2014	
SO 0697	Peanut	0.2			CXL	08	41		2009	
AL 0697	Peanut fodder	30			CXL	08	41		2009	
HS 0444	Peppers Chili, dried	30			CXL	08	41		2009	
TN 0675	Pistachio nuts	1			CXL	08	41		2009	
FI 2540	Pitaya	0.3			CXL	2017	50		2018	
FI 0354	Plantain	2			CXL	08	41		2009	
VR 0589	Potato	7	Po		CXL	2013	46		2014	
PM 0110	Poultry meat	0.01	(*)		CXL	08	41		2009	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	08	41		2009	
VD 0070	Pulses	0.07		(except soya beans)	CXL	2013	46		2014	
SO 0495	Rape seed	0.5			CXL	2017	50		2018	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0649	Rice	5			CXL	08	41		2009	
VR 0075	Root and tuber vegetables	1		(except potato)	CXL	2013	46		2014	
GC 0650	Rye	0.2			CXL	08	41		2009	
GC 0651	Sorghum	10			CXL	2013	46		2014	
AS 0651	Sorghum straw and fodder, Dry	30	dry wt		CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.5			CXL	08	41		2009	
AL 0541	Soya bean fodder	100			CXL	08	41		2009	
FS 0012	Stone fruits	2			CXL	08	41		2009	
AS 0081	Straw and fodder (dry) of cereal grains	15	dry wt	(except maize and sorghum)	CXL	2013	46		2014	
FB 0275	Strawberry	10			CXL	08	41		2009	
GS 0659	Sugar cane	0.05			CXL	2017	50		2018	
SO 0702	Sunflower seed	0.5			CXL	08	41		2009	
TN 0085	Tree nuts	0.01			CXL	08	41		2009	
GC 0653	Triticale	0.2			CXL	08	41		2009	
GC 0654	Wheat	0.2			CXL	08	41		2009	
VL 2832	Witloof chicory (sprouts)	0.3			CXL	08	41		2009	

230 Chlorantraniliprole

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-2 mg/kg bw (2008)

ARfD: Unnecessary (2008)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	50			CXL	10	43		2011	
VS 0620	Artichoke, globe	2			CXL	2013	46		2014	
VP 0061	Beans, except broad bean and soya bean	0.8		(green pods and immature seeds)	CXL	2013	46		2014	
FB 0018	Berries and other small fruits	1			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	10	43		2011	
VR 0577	Carrot	0.08			CXL	2013	46		2014	
VS 0624	Celery	7			CXL	08	41		2009	
GC 0080	Cereal grains	0.02		(except rice)	CXL	2013	46		2014	
FC 0001	Citrus fruits	0.7			CXL	2014	47		2015	
SB 0716	Coffee beans	0.05			CXL	2013	46		2014	
SO 0691	Cotton seed	0.3			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.2			CXL	10	43		2011	
PE 0112	Eggs	0.2			CXL	2016	49		2017	
VO 0050	Fruiting vegetables other than cucurbits	0.6			CXL	08	41		2009	
VC 0045	Fruiting vegetables, cucurbits	0.3			CXL	08	41		2009	
DH 1100	Hops, Dry	40			CXL	2013	46		2014	
VL 0053	Leafy vegetables	20		(except radish leaves)	CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	10	43		2011	
FM 0183	Milk fats	0.2			CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
ML 0106	Milks	0.05			CXL	10	43		2011	
HH 0738	Mints	15			CXL	10	43		2011	
SO 0697	Peanut	0.06			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2013	46		2014	
VP 0064	Peas, Shelled (succulent seeds)	0.05			CXL	2013	46		2014	
HS 0444	Peppers Chili, dried	5			CXL	08	41		2009	
FP 0009	Pome fruits	0.4			CXL	08	41		2009	
FI 0355	Pomegranate	0.4			CXL	2013	46		2014	
PF 0111	Poultry fats	0.08			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.07			CXL	2016	49		2017	
VR 0494	Radish	0.5			CXL	2013	46		2014	
VL 0494	Radish leaves (including radish tops)	40			CXL	2013	46		2014	
SO 0495	Rape seed	2			CXL	2013	46		2014	
GC 0649	Rice	0.4			CXL	2013	46		2014	
CM 1205	Rice, Polished	0.04			CXL	2013	46		2014	
VR 0075	Root and tuber vegetables	0.02		(except carrot and radish)	CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.05			CXL	2014	47		2015	
FS 0012	Stone fruits	1			CXL	08	41		2009	
AS 0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	30	(dw)		CXL	2016	49		2017	
GS 0659	Sugar cane	0.5			CXL	10	43		2011	
SO 0702	Sunflower seed	2			CXL	2013	46		2014	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	10	43		2011	
TN 0085	Tree nuts	0.02			CXL	10	43		2011	

231 Mandipropamid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2008)

ARfD: Unnecessary (2008)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Mandipropamid. The residue not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 2060	Beans with pods	1			3	2018	51			
VB 0400	Broccoli	2			CXL	08	41		2009	
VB 0041	Cabbages, Head	3			CXL	08	41		2009	
SB 0715	Cacao beans	0.06			3	2018	51			
VS 0624	Celery	20			CXL	08	41		2009	
VC 0424	Cucumber	0.2			CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.01		(*)	3	2018	51			
PE 0112	Eggs	0.01		(*)	3	2018	51			
FB 0269	Grapes	2			CXL	08	41		2009	
DH 1100	Hops, Dry	90			CXL	2013	46		2014	
VL 0053	Leafy vegetables	25			CXL	08	41		2009	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	3	2018	51			
VC 0046	Melons, except watermelon	0.5			CXL	08	41		2009	
ML 0106	Milks	0.01		(*)	3	2018	51			
VA 0385	Onion, Bulb	0.1			CXL	08	41		2009	
VO 0051	Peppers	1			CXL	08	41		2009	
HS 0444	Peppers Chili, dried	10			CXL	08	41		2009	
VR 0589	Potato	0.01		(*)	CXL	08	41		2009	
VR 0589	Potato	0.1			3	2018	51			
PF 0111	Poultry fats	0.01		(*)	3	2018	51			
PM 0110	Poultry meat	0.01		(*)	3	2018	51			
PO 0111	Poultry, Edible offal of	0.01		(*)	3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VA 0389	Spring Onion	7			CXL	08	41		2009	
VC 0431	Squash, summer	0.2			CXL	08	41		2009	
VO 0448	Tomato	0.3			CXL	08	41		2009	

232 Prothioconazole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2008)

ARfD: 0.8 mg/kg bw (for women of child-bearing age) (2008)

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

For compliance with the MRL) for animal commodities: Prothioconazole-desthio.

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

The residue is not fat-soluble

Note: Prothioconazole ARfD: Unnecessary (general population).

Prothioconazole-desthio:

ADI: 0–0.01 mg/kg bw

ARfD: 0.01 mg/kg bw (woman of child bearing age)

ARfD: 1 mg/kg bw (general population)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	09	42		2010	
FB 2006	Bush berries	1.5			CXL	2014	47		2015	
SO 0691	Cotton seed	0.3			CXL	17	50	20	2018	
FB 0265	Cranberry	0.15			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.3			CXL	2017	50		2018	
PE 0112	Eggs	0.005 (*)			CXL	2017	50		2018	
AS 0164	Fodder (dry) of cereal grains	5			CXL	09	42		2010	
VC 0045	Fruiting vegetables, cucurbits	0.2		(except watermelon)	CXL	2014	47		2015	
GC 0645	Maize	0.1			CXL	2014	47		2015	
AS 0645	Maize fodder (dry)	15			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2017	50		2018	
ML 0106	Milks	0.004 (*)			CXL	2017	50		2018	
GC 0647	Oats	0.05			CXL	08	41		2009	
SO 0697	Peanut	0.02 (*)			CXL	08	41		2009	
AL 0697	Peanut fodder	15			CXL	2014	47		2015	
GC 0656	Popcorn	0.1			CXL	2014	47		2015	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0589	Potato	0.02 (*)			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01 (*)			CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.1			CXL	2017	50		2018	
VD 0070	Pulses	1		Except soya bean, dry.	CXL	09	42		2010	
SO 0495	Rape seed	0.1			CXL	09	42		2010	
GC 0650	Rye	0.05			CXL	08	41			
VD 0541	Soya bean (dry)	0.2			CXL	2014	47		2015	
AS 0081	Straw and fodder (dry) of cereal grains	4			CXL	09	42		2010	
VR 0596	Sugar beet	0.3			CXL	09	42		2010	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	2014	47		2015	
AS 0447	Sweet corn fodder	15			CXL	2014	47		2015	Tentative commodity code
GC 0653	Triticale	0.05			CXL	08	41		2009	
GC 0654	Wheat	0.1			CXL	09	42		2010	

233 Spinetoram

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2008)

ARfD: Unnecessary (2008)

Residue: For compliance with MRLs) for plant and animal commodities: Spinetoram.

For estimation of dietary intake)for plant and animal commodities: Spinetoram and N-demethyl and N-formyl metabolites of the major spinetoram component.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	0.15			CXL	2017	50		2018	
FI 0326	Avocado	0.3			CXL	2017	50		2018	
VP 0061	Beans, except broad bean and soya bean	0.05		(green pods and immature seeds)	CXL	12	45		2013	
FB 0020	Blueberries	0.2			CXL	12	45		2013	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.3			CXL	12	45		2013	
VS 0624	Celery	6			CXL	12	45		2013	
FS 0013	Cherries	0.09			CXL	2017	50		2018	
SO 0691	Cotton seed	0.01 (*)			CXL	2017	50		2018	
FB 0021	Currants, black, red, white	0.5			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.08			CXL	2017	50		2018	
PE 0112	Eggs	0.01 (*)			CXL	2017	50		2018	
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes	0.04			CXL	2017	50		2018	
FB 0269	Grapes	0.3			CXL	12	45		2013	
VA 0384	Leek	0.05			CXL	2017	50		2018	
VL 0482	Lettuce, Head	10			CXL	08	41		2009	
VL 0483	Lettuce, Leaf	10			CXL	08	41		2009	
FI 0343	Litchi	0.015			CXL	2017	50		2018	
GC 0645	Maize	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	1			CXL	2017	50		2018	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0003	Mandarins (including mandarin-like hybrids)	0.15			CXL	2017	50		2018	
FI 0345	Mango	0.01		(*)	CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	1		(fat)	CXL	2017	50		2018	
VC 0046	Melons, except watermelon	0.01		(*)	CXL	2017	50		2018	
FM 0183	Milk fats	0.15			CXL	2017	50		2018	
ML 0106	Milks	0.02			CXL	2017	50		2018	
FS 0245	Nectarine	0.3			CXL	12	45		2013	
VA 0385	Onion, Bulb	0.01		(*)	CXL	12	45		2013	
VA 0387	Onion, Welsh	0.8			CXL	12	45		2013	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.07			CXL	08	41		2009	
FI 0351	Passion fruit	0.4			CXL	2017	50		2018	
FS 0247	Peach	0.3			CXL	12	45		2013	
VO 0051	Peppers	0.4		(except martynia, okra and roselle)	CXL	2017	50		2018	
HS 0444	Peppers Chili, dried	4			CXL	2017	50		2018	
FS 0014	Plums (including fresh prunes)	0.09			CXL	2017	50		2018	
FP 0009	Pome fruits	0.05			CXL	08	41		2009	
VR 0589	Potato	0.01		(*)	CXL	2017	50		2018	
PF 0111	Poultry fats	0.01		(*)	CXL	2017	50		2018	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2017	50		2018	
FB 0272	Raspberries, Red, Black	0.8			CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	1.5			CXL	17	5020		2018	
CM 0649	Rice, Husked	0.02		(*)	CXL	2017	50		2018	
VD 0541	Soya bean (dry)	0.01		(*)	CXL	2017	50		2018	
VL 0502	Spinach	8			CXL	12	45		2013	
VA 0389	Spring Onion	0.8			CXL	12	45		2013	
FB 0275	Strawberry	0.15			CXL	2017	50		2018	
VR 0596	Sugar beet	0.01		(*)	CXL	08	41		2009	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	
AS 0447	Sweet corn fodder	0.15			CXL	2017	50		2018	
FT 0305	Table Olives	0.07			CXL	2017	50		2018	
VO 0448	Tomato	0.06			CXL	08	41		2009	
TN 0085	Tree nuts	0.01			CXL	08	41		2009	

234 Spirotetramat

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.5 mg/kg bw (2008)

ARfD: 1.0 mg/kg bw (2008)

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

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

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

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	08	41		2009	
VS 0620	Artichoke, globe	1			CXL	2013	46		2014	
FI 0326	Avocado	0.4			CXL	2015	48		2016	
FB 2006	Bush berries	1.5			CXL	2013	46		2014	
VB 0041	Cabbages, Head	2			CXL	08	41		2009	
VS 0624	Celery	4			CXL	08	41		2009	
FC 0001	Citrus fruits	0.5			CXL	08	41		2009	
SO 0691	Cotton seed	0.4			CXL	11	44		2012	
AB 1203	Cotton seed, meal	1			CXL	11	44		2012	
FB 0265	Cranberry	0.2			CXL	2013	46		2014	
DF 0269	Dried grapes (=currants, raisins and sultanas)	4			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	1			CXL	11	44		2012	
PE 0112	Eggs	0.01			CXL	11	44		2012	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	1			CXL	08	41		2009	
VO 0050	Fruiting vegetables other than cucurbits	1		Except sweet corn, mushrooms and chili pepper	CXL	08	41		2009	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	08	41		2009	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 0269	Grape pomace, Dry	4			CXL 08		41		2009	
FB 0269	Grapes	2			CXL 08		41		2009	
FI 0336	Guava	2			CXL 2015		48		2016	
DH 1100	Hops, Dry	15			CXL 08		41		2009	
FI 0341	Kiwifruit	0.02		(*)	CXL 11		44		2012	
VL 0053	Leafy vegetables	7			CXL 08		41		2009	
AL 0157	Legume animal feeds	30			CXL 11		44		2012	
VP 0060	Legume vegetables	1.5			CXL 11		44		2012	
FI 0343	Litchi	15			CXL 11		44		2012	
FI 0345	Mango	0.3			CXL 11		44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL 11		44		2012	
ML 0106	Milks	0.005			CXL 12		45		2013	
VA 0385	Onion, Bulb	0.4			CXL 11		44		2012	
FI 0350	Papaya	0.4			CXL 11		44		2012	
VO 0444	Peppers Chili	2		Non-bell	CXL 08		41		2009	
HS 0444	Peppers Chili, dried	15			CXL 08		41		2009	
FP 0009	Pome fruits	0.7			CXL 2008		41		2009	
VR 0589	Potato	0.8			CXL 08		41		2009	
PM 0110	Poultry meat	0.01		(*)	CXL 11		44		2012	
PO 0111	Poultry, Edible offal of	0.01			CXL 11		44		2012	
DF 0014	Prunes, dried	5			CXL 08		41		2009	
VD 0070	Pulses	2		except soya bean (dry)	CXL 11		44		2012	
VD 0541	Soya bean (dry)	4			CXL 11		44		2012	
FS 0012	Stone fruits	3			CXL 08		41		2009	
GC 0447	Sweet Corn	1.5			CXL 2015		48		2016	
TN 0085	Tree nuts	0.5			CXL 08		41		2009	

235 Fluopicolide

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.08 mg/kg bw

ARfD: 0.6 mg/kg bw (for women of child-bearing age) (2009)

Residue: For compliance with the MRL for plant and animal commodities: fluopicolide. For estimation of dietary intake for plant and animal commodities: Fluopicolide and 2,6-dichlorobenzamide measured separately. The residue is fat-soluble.

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

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

236 Metaflumizone

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw

ARfD: Unnecessary

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

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

237 Spirodiclofen

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2009)

ARfD: Unnecessary (2009)

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

For compliance with the MRL) for animal commodities: Spirodiclofen.

For estimation of dietary intake) for animal commodities: Sum of spirodiclofen and spirodiclofen-enol, expressed as spirodiclofen.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			CXL	09	42		2010	
FI 0326	Avocado	0.9			CXL	2014	47		2015	
FB 0020	Blueberries	4			CXL	2014	47		2015	
FC 0001	Citrus fruits	0.4			CXL	09	42		2010	
SB 0716	Coffee beans	0.03		(*)	CXL	09	42		2010	
VC 0424	Cucumber	0.07			CXL	09	42		2010	
FB 0021	Currants, black, red, white	1			CXL	09	42		2010	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	09	42		2010	
MO 0105	Edible offal (mammalian)	0.05		(*)	CXL	09	42		2010	
VC 0425	Gherkin	0.07			CXL	09	42		2010	
FB 0269	Grapes	0.2			CXL	09	42		2010	
DH 1100	Hops, Dry	40			CXL	09	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*) (fat)	CXL	09	42		2010	
ML 0106	Milks	0.004		(*)	CXL	09	42		2010	
FI 0350	Papaya	0.03		(*)	CXL	09	42		2010	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.2			CXL	09	42		2010	
FP 0009	Pome fruits	0.8			CXL	09	42		2010	
FS 0012	Stone fruits	2			CXL	09	42		2010	
FB 0275	Strawberry	2			CXL	09	42		2010	
AS 0447	Sweet corn fodder	4			CXL	09	42		2010	
VO 0448	Tomato	0.5			CXL	09	42		2010	
TN 0085	Tree nuts	0.05			CXL	09	42		2010	

238 Clothianidin

Main Uses: Insecticide

JMPR: See JMPR Report, Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2010)

ARfD: 0.6 mg/kg bw (2010)

Residue: For compliance with the MRL and for estimation of the dietary intake for plant and animal commodities: Clothianidin. The residue is not fat-soluble.

Note: T = based on thiamethoxam use only; c,T or C,t = combined clothianidin and thiamethoxam use.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.05	T		CXL	10	43		2011	
FI 0326	Avocado	0.03	T		CXL	2014	47		2015	
FI 0327	Banana	0.02	C,t		CXL	10	44	43	2012	
GC 0640	Barley	0.04	c,T		CXL	10	43		2011	
AS 0640	Barley straw and fodder, Dry	0.2	dry wt T,c		CXL	10	43		2011	
VP 0061	Beans, except broad bean and soya bean	0.2	T		CXL	2014	47		2015	
FB 0018	Berries and other small fruits	0.07	c,T	Except grapes	CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.2	T		CXL	10	43		2011	
SB 0715	Cacao beans	0.02 (*)	T		CXL	10	43		2011	
VS 0624	Celery	0.04	T		CXL	10	43		2011	
FC 0001	Citrus fruits	0.07	T		CXL	10	45	43	2013	
SB 0716	Coffee beans	0.05	T		CXL	10	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1	C,t		CXL	10	43,44		2012	
MO 0105	Edible offal (mammalian)	0.02 (*)	C,t	Except liver.	CXL	10	44	43	2012	
PE 0112	Eggs	0.01 (*)	C,t		CXL	10	44	43	2012	
VO 0050	Fruiting vegetables other than cucurbits	0.05	T	Except sweet corn	CXL	10	43		2011	
VC 0045	Fruiting vegetables, cucurbits	0.02 (*)	T		CXL	10	43		2011	
JF 0269	Grape juice	0.2	C,t		CXL	10	43		2012	
FB 0269	Grapes	0.7	C,t		CXL	10	44	43	2012	
DH 1100	Hops, Dry	0.07	T		CXL	2014	47		2015	
VL 0053	Leafy vegetables	2	T		CXL	10	43		2011	
VP 0060	Legume vegetables	0.01 (*)	T		CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0099	Liver of cattle, goats, pigs & sheep	0.2	c,T		CXL	10	43		2011	
GC 0645	Maize	0.02	c,T		CXL	10	43		2011	
AS 0645	Maize fodder (dry)	0.01 (*)	dry wt T		CXL	10	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)	C,t		CXL	10	44	43	2012	
FI 0345	Mango	0.04	T		CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)	C,t		CXL	10	44	43	2012	
ML 0106	Milks	0.02			CXL	10	44	43	2012	
HH 0738	Mints	0.3	T		CXL	2014	47		2015	
SO 0088	Oilseed	0.02 (*)	c,T		CXL	10	43		2011	
FI 0350	Papaya	0.01 (*)	T		CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	0.2	dry wt T		CXL	10	43		2011	
TN 0672	Pecan	0.01 (*)	T		CXL	10	43		2011	
HS 0444	Peppers Chili, dried	0.5	T		CXL	10	43		2011	
FI 0353	Pineapple	0.01 (*)	T		CXL	10	43		2011	
FP 0009	Pome fruits	0.4	C,t		CXL	10	44	43	2012	
GC 0656	Popcorn	0.01 (*)	c,T		CXL	10	43		2011	
PF 0111	Poultry fats	0.01 (*)	C,t		CXL	10	44	43	2012	
PM 0110	Poultry meat	0.01 (*)	C,t		CXL	10	44	43	2012	
PO 0111	Poultry, Edible offal of	0.1	T,c		CXL	10	43		2011	
DF 0014	Prunes, dried	0.2	c,T		CXL	10	43		2011	
VD 0070	Pulses	0.02	T		CXL	10	43		2011	
GC 0649	Rice	0.5	C		CXL	10	44	43	2012	
VR 0075	Root and tuber vegetables	0.2	C,T		CXL	2010	46	43,44,45	2014	
GC 0651	Sorghum	0.01 (*)	C		CXL	10	44	43	2012	
AS 0651	Sorghum straw and fodder, Dry	0.01 (*)	dry wt C		CXL	10	44	43	2012	
VS 0078	Stalk and Stem Vegetables	0.04	C	Except artichoke and celery	CXL	10	44	43	2012	
FS 0012	Stone fruits	0.2	c,T		CXL	10	43		2011	
GS 0659	Sugar cane	0.4	C		CXL	10	44	43	2012	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)	C,T		CXL	10	44	43	2012	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DT 1114	Tea, Green, Black (black, fermented and dried)	0.7	T		CXL	10	43		2011	
GC 0654	Wheat	0.02 (*)	c,T		CXL	10	43		2011	
AS 0654	Wheat straw and fodder, Dry	0.2	dry wt	T,c	CXL	10	43		2011	

239 Cyproconazole

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2010)

ARfD: 0.06 mg/kg bw (2010)

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

For estimation of dietary intake) for plant commodities: Cyproconazole.

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

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Beans (dry)	0.02 (*)			CXL	10	43		2011	
GC 0080	Cereal grains	0.08		Except maize, rice and sorghum	CXL	10	43		2011	
SB 0716	Coffee beans	0.07			CXL	2013	46		2014	
SM 0716	Coffee beans, Roasted	0.1			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.5			CXL	10	43		2011	
PE 0112	Eggs	0.01 (*)			CXL	10	43		2011	
GC 0645	Maize	0.01 (*)			CXL	10	43		2011	
AS 0645	Maize fodder (dry)	2			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	10	43		2011	
ML 0106	Milks	0.01			CXL	10	43		2011	
VD 0072	Peas (dry)	0.02 (*)			CXL	10	43		2011	
VP 0064	Peas, Shelled (succulent seeds)	0.01			CXL	10	43		2011	
PM 0110	Poultry meat	0.01 (*)			CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	10	43		2011	
SO 0495	Rape seed	0.4			CXL	10	43		2011	
VD 0541	Soya bean (dry)	0.07			CXL	10	43		2011	
AL 0541	Soya bean fodder	3			CXL	10	43		2011	
OR 0541	Soya bean oil, Refined	0.1			CXL	10	43		2011	
AS 0081	Straw and fodder (dry) of cereal grains	5		Except maize, rice and sorghum	CXL	10	43		2011	
VR 0596	Sugar beet	0.05			CXL	10	43		2011	

240 Dicamba

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.3 mg/kg bw (2010)

ARfD: 0.5 mg/kg bw (2010)

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

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

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

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	5			CXL	10	43		2011	
GC 0640	Barley	7			CXL	10	43		2011	
AS 0640	Barley straw and fodder, Dry	50			CXL	10	43		2011	
SO 0691	Cotton seed	0.04		(*)	CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	0.7			CXL	10	43		2011	
PE 0112	Eggs	0.01		(*)	CXL	10	43		2011	
AS 0162	Hay or fodder (dry) of grasses	30			CXL	10	43		2011	
GC 0645	Maize	0.01		(*)	CXL	10	43		2011	
AS 0645	Maize fodder (dry)	0.6			CXL	10	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.07			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.03			CXL	10	43		2011	
ML 0106	Milks	0.2			CXL	10	43		2011	
PF 0111	Poultry fats	0.04			CXL	10	43		2011	
PM 0110	Poultry meat	0.02			CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.07			CXL	10	43		2011	
GC 0651	Sorghum	4			CXL	10	43		2011	
AS 0651	Sorghum straw and fodder, Dry	8			CXL	10	43		2011	
VD 4521	Soybean (dry)	10			CXL	2013	46		2014	
GS 0659	Sugar cane	1			CXL	10	43		2011	
VO 1275	Sweet corn (kernels)	0.02			CXL	10	43		2011	
GC 0654	Wheat	2			CXL	10	43		2011	
AS 0654	Wheat straw and fodder, Dry	50			CXL	10	43		2011	

241 Etoxazole

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2010)

ARfD: Unnecessary (2010)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Etoxazole. The residue is fat-soluble.

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

242 Flubendiamide

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2010)

ARfD: 0.2 mg/kg bw (2010)

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

For compliance with the MRL) for animal commodities: Flubendiamide.

For estimation of dietary intake) for animal commodities: Flubendiamide and flubendiamide-iodophthalimide.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	4			CXL	10	43		2011	
VS 0624	Celery	5			CXL	10	43		2011	
SO 0691	Cotton seed	1.5			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	1			CXL	10	43		2011	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	10	43		2011	
FB 0269	Grapes	2			CXL	10	43		2011	
VP 0060	Legume vegetables	2			CXL	10	43		2011	
VL 0482	Lettuce, Head	5			CXL	10	43		2011	
VL 0483	Lettuce, Leaf	7			CXL	10	43		2011	
GC 0645	Maize	0.02			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	10	43		2011	
FM 0183	Milk fats	5			CXL	10	43		2011	
ML 0106	Milks	0.1			CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	40			CXL	10	43		2011	
VO 0051	Peppers	0.7			CXL	10	43		2011	
HS 0444	Peppers Chili, dried	7			CXL	10	43		2011	
FP 0009	Pome fruits	0.8			CXL	10	43		2011	
VD 0070	Pulses	1			CXL	10	43		2011	
AL 0541	Soya bean fodder	60			CXL	10	43		2011	
FS 0012	Stone fruits	2			CXL	10	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	10	43		2011	
DT 1114	Tea, Green, Black (black, fermented and dried)	50			CXL	10	43		2011	
VO 0448	Tomato	2			CXL	10	43		2011	
TN 0085	Tree nuts	0.1			CXL	10	43		2011	

243 Fluopyram

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2010)

ARfD: 0.5 mg/kg bw (2010)

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

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

For estimation of dietary intake for animal commodities: Sum of fluopyram, 2(trifluoromethyl)benzamide and the combined residues of the E-olefine and Z-olefine isomers of fluopyram, all expressed as fluopyram.

Although fluopyram (parent compound) is fat-soluble, the 2-(trifluoromethyl)benzamide metabolite (the major component of the residue) is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.4			CXL	2017	50		2018	
VS 0621	Asparagus	0.01		(*)	CXL	2014	47		2015	
FI 0327	Banana	0.8			CXL	12	45		2013	
GC 0640	Barley	0.2			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	2			CXL	2017	50		2018	
HH 0722	Basil	70			CXL	2017	50		2018	
DH 0722	Basil, dry	400			CXL	2017	50		2018	
AL 0061	Bean fodder	70			CXL	2017	50		2018	
VP 0061	Beans, except broad bean and soya bean	1			CXL	2015	48		2016	
VP 0062	Beans, Shelled	0.2			CXL	2015	48		2016	
VB 0400	Broccoli	0.3			CXL	2014	47		2015	
VB 0402	Brussels sprouts	0.3			CXL	2014	47		2015	
FB 2006	Bush berries	7			CXL	2017	50		2018	
VB 0041	Cabbages, Head	0.15			CXL	2014	47		2015	
FB 2005	Cane berries	5			CXL	2017	50		2018	
VR 0577	Carrot	0.4			CXL	12	45		2013	
VB 0404	Cauliflower	0.09			CXL	2014	47		2015	
FS 0013	Cherries	2			CXL	2017	50		2018	
VO 2700	Cherry tomato	0.4			CXL	2017	50		2018	Withdrawal recommended by JMPR 2018.
SO 0691	Cotton seed	0.8			CXL	2017	50		2018	
VC 0424	Cucumber	0.5			CXL	10	43		2011	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0730	Dill seed	70			CXL	2017	50		2018	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	10	43		2011	
VD 2065	Dry beans, subgroup of (includes all commodities in this subgroup)	0.15		(except soy bean (dru))	CXL	17	50		2018	
VD 2066	Dry peas	0.7			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	8			CXL	2017	50		2018	
VO 2046	Eggplants, subgroup of (includes all commodities in this subgroup)	0.5			CXL	2017	50		2018	
PE 0112	Eggs	2			CXL	2017	50		2018	
VA 0381	Garlic	0.07			CXL	2014	47		2015	
FB 0269	Grapes	2			CXL	10	43		2011	
DH 1100	Hops, Dry	50			CXL	2017	50		2018	
VA 0384	Leek	0.15			CXL	2014	47		2015	
FC 0002	Lemons and limes (including citron)	1			CXL	2017	50		2018	
VL 0482	Lettuce, Head	15			CXL	2014	47		2015	
VL 0483	Lettuce, Leaf	15			CXL	2014	47		2015	
GC 2091	Maize cereals, subgroup of (includes all commodities in this subgroup)	0.02			CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	18			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	1.5			CXL	2017	50		2018	
FC 0003	Mandarins (including mandarin-like hybrids)	0.6			CXL	2017	50		2018	
FI 0345	Mango	1			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	1.5			CXL	2017	50		2018	
ML 0106	Milks	0.8			CXL	2017	50		2018	
AS 0647	Oat straw and fodder, Dry	2			CXL	2017	50		2018	
GC 0647	Oats	0.2			CXL	2017	50		2018	
VA 0385	Onion, Bulb	0.07			CXL	2014	47		2015	
VA 0387	Onion, Welsh	2			CXL	2017	50		2018	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.6			CXL	2017	50		2018	
AL 0072	Pea hay or pea fodder (dry)	100			CXL	2017	50		2018	
FS 2001	Peaches (including Apricots and Nectarine)	1			CXL	2014	47		2015	
SO 0697	Peanut	0.2			CXL	2017	50		2018	
AL 0697	Peanut fodder	47			CXL	2017	50		2018	
VP 0064	Peas, Shelled (succulent seeds)	0.2			CXL	2015	48		2016	
VO 0051	Peppers	3		(except martynia, okra, roselle)	CXL	2017	50		2018	
HS 0444	Peppers Chili, dried	30			CXL	2017	50		2018	
FS 0014	Plums (including fresh prunes)	0.5			CXL	2014	47		2015	
FP 0009	Pome fruits	0.5			CXL	12	45		2013	
VR 0589	Potato	0.15			CXL	2017	50		2018	
PF 0111	Poultry fats	1			CXL	2017	50		2018	
PM 0110	Poultry meat	1.5			CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	5			CXL	2017	50		2018	
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	0.4			CXL	2017	50		2018	
SO 0495	Rape seed	1			CXL	2014	47		2015	
GC 0649	Rice	4			CXL	2017	50		2018	
AS 0649	Rice straw and fodder, Dry	17			CXL	2017	50		2018	
CM 0649	Rice, Husked	1.5			3	2018	51			
CM 1205	Rice, Polished	0.5			3	2018	51			
GC 0650	Rye	0.9			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, Dry	23			CXL	2017	50		2018	
VD 0541	Soya bean (dry)	0.3			CXL	2017	50		2018	
AL 0541	Soya bean fodder	35			CXL	2017	50		2018	
VA 0389	Spring Onion	15			CXL	2017	50		2018	
FB 0275	Strawberry	0.4			CXL	12	45		2013	
VR 0596	Sugar beet	0.04			CXL	12	45		2013	
SO 0702	Sunflower seed	0.7			CXL	2017	50		2018	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	
VO 0448	Tomato	0.5			CXL	2017	50		2018	Withdrawal recommended by JMPR 2018.
VO 2045	Tomatoes	0.5			3	2018	51			
TN 0085	Tree nuts	0.04			CXL	12	45		2013	
GC 0653	Triticale	0.9			CXL	2017	50		2018	
AS 0653	Triticale straw and fodder, Dry	23			CXL	2017	50		2018	
GC 0654	Wheat	0.9			CXL	2017	50		2018	
AS 0654	Wheat straw and fodder, Dry	23			CXL	2017	50		2018	
VL 2832	Witloof chicory (sprouts)	0.15			CXL	2017	50		2018	

244 Meptyldinocap

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2010)

ARfD: Unnecessary (2010)

Residue: For compliance with the MRL) for plant commodities: Dinocap, sum of all isomers.

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0424	Cucumber	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the CXL of 0.05*.
FB 0269	Grapes	0.2	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the CXL of 0.05*.
VC 0046	Melons, except watermelon	0.5	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the CXL of 0.05*.
VC 0431	Squash, summer	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the CXL of 0.05*.
FB 0275	Strawberry	0.3	M,d		CXL	10	43		2011	The current dinocap CXL of 0.5 mg/kg covers the use of meptyldinocap.

245 Thiamethoxam

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.08 mg/kg bw (2010)

ARfD: 1 mg/kg bw (2010)

Residue: For compliance with the MRL) for animal and plant commodities: Thiamethoxam.

For estimation of the dietary intake) for plant and animal commodities (except poultry): Thiamethoxam and clothianidin (considered separately).

For estimation of the dietary intake) for poultry: Sum of thiamethoxam, CGA 265307 and MU3, expressed as thiamethoxam; and clothianidin (clothianidin to be considered separately from thiamethoxam).

The residue is not fat-soluble.

Note: The recommendations for CGA322704 are listed in the clothianidin appraisal 2014.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.5			CXL	10	43		2011	
FI 0326	Avocado	0.5			CXL	2014	47		2015	
FI 0327	Banana	0.02		(*)	CXL	10	43		2011	
GC 0640	Barley	0.4			CXL	10	43		2011	
AS 0640	Barley straw and fodder, Dry	2			CXL	10	43		2011	
VP 0061	Beans, except broad bean and soya bean	0.3			CXL	2014	47		2015	
FB 0018	Berries and other small fruits	0.5			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	5			CXL	10	43		2011	
SB 0715	Cacao beans	0.02		(*)	CXL	10	43		2011	
VS 0624	Celery	1			CXL	10	43		2011	
FC 0001	Citrus fruits	0.5			CXL	10	45	43	2013	
SB 0716	Coffee beans	0.2			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	10	43		2011	
PE 0112	Eggs	0.01		(*)	CXL	10	43		2011	
VO 0050	Fruiting vegetables other than cucurbits	0.7			CXL	10	43		2011	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	10	43		2011	
DH 1100	Hops, Dry	0.09			CXL	2014	47		2015	
VL 0053	Leafy vegetables	3			CXL	10	43		2011	
VP 0060	Legume vegetables	0.01		(*)	CXL	10	43		2011	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0645	Maize	0.05			CXL	10	43		2011	
AS 0645	Maize fodder (dry)	0.05			CXL	10	43		2011	
FI 0345	Mango	0.2			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	10	43		2011	
ML 0106	Milks	0.05			CXL	10	43		2011	
HH 0738	Mints	1.5			CXL	2014	47		2015	It is noted that there are several types of mints (native mints HH0764, Vietnamese mint HH0765). The reported CCN code is listed for several types of mints, including spearmint and peppermint
SO 0088	Oilseed	0.02 (*)			CXL	10	43		2011	
FI 0350	Papaya	0.01 (*)			CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	0.3			CXL	10	43		2011	
TN 0672	Pecan	0.01 (*)			CXL	10	43		2011	
HS 0444	Peppers Chili, dried	7			CXL	10	43		2011	
FI 0353	Pineapple	0.01 (*)			CXL	10	43		2011	
FP 0009	Pome fruits	0.3			CXL	10	43		2011	
GC 0656	Popcorn	0.01 (*)			CXL	10	43		2011	
PM 0110	Poultry meat	0.01 (*)			CXL	10	43		2011	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	10	43		2011	
VD 0070	Pulses	0.04			CXL	10	43		2011	
VR 0075	Root and tuber vegetables	0.3			CXL	10	43		2011	
FS 0012	Stone fruits	1			CXL	10	43		2011	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	10	43		2011	
DT 1114	Tea, Green, Black (black, fermented and dried)	20			CXL	10	43		2011	
GC 0654	Wheat	0.05			CXL	10	43		2011	
AS 0654	Wheat straw and fodder, Dry	2			CXL	10	43		2011	

246 Acetamiprid

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.07 mg/kg bw (2011)

ARfD: 0.1 mg/kg bw (2011)

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant commodities: Acetamiprid.

For compliance with the MRL and for estimation of dietary exposure) for animal commodities): Sum of acetamiprid and its desmethyl (IM-2-1) metabolite, expressed as acetamiprid.

The residue is not fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.8			CXL	2015	48		2016	
VP 0061	Beans, except broad bean and soya bean	0.4			CXL	11	44		2012	
VP 0062	Beans, Shelled	0.3			CXL	11	44		2012	
FB 0018	Berries and other small fruits	2		except grapes and strawberries	CXL	11	44		2012	
VB 0041	Cabbages, Head	0.7			CXL	11	44		2012	
HS 0775	Cardamom	0.1			CXL	2015	48		2016	
VS 0624	Celery	1.5			CXL	11	44		2012	
FS 0013	Cherries	1.5			CXL	11	44		2012	
FC 0001	Citrus fruits	1			CXL	11	44		2012	
SO 0691	Cotton seed	0.7			CXL	11	44		2012	
VC 0424	Cucumber	0.3			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	1			CXL	2015	48		2016	
PE 0112	Eggs	0.01 (*)			CXL	11	44		2012	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.4			CXL	11	44		2012	
VO 0050	Fruiting vegetables other than cucurbits	0.2		except sweet corn & mushrooms	CXL	11	44		2012	
VC 0045	Fruiting vegetables, cucurbits	0.2		(except cucumber)	CXL	2015	48		2016	
VA 0381	Garlic	0.02			CXL	11	44		2012	
FB 0269	Grapes	0.5			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.3			CXL	2015	48		2016	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.5			CXL	2015	48		2016	
ML 0106	Milks	0.2			CXL	2015	48		2016	
FS 0245	Nectarine	0.7			CXL	11	44		2012	
VA 0385	Onion, Bulb	0.02			CXL	11	44		2012	
FS 0247	Peach	0.7			CXL	11	44		2012	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	11	44		2012	
HS 0790	Pepper, Black, White	0.1			CXL	2015	48		2016	
HS 0444	Peppers Chili, dried	2			CXL	11	44		2012	
FS 0014	Plums (including fresh prunes)	0.2		except prunes	CXL	11	44		2012	
FP 0009	Pome fruits	0.8			CXL	11	44		2012	
PM 0110	Poultry meat	0.01		(*)	CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	11	44		2012	
DF 0014	Prunes, dried	0.6			CXL	11	44		2012	
VA 0389	Spring Onion	5			CXL	11	44		2012	
FB 0275	Strawberry	0.5			CXL	11	44		2012	
VO 0447	Sweet corn (corn-on-the-cob)	0.01		(*)	CXL	2015	48		2016	
AS 0447	Sweet corn fodder	40			CXL	2015	48		2016	
TN 0085	Tree nuts	0.06			CXL	11	44		2012	

247 Emamectin benzoate

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.0005 mg/kg bw (2011)

ARfD: 0.02 mg/kg bw (2014)

Residue: For compliance with the MRL and estimation of dietary intake for plant and animal commodities: Emamectin B1a benzoate. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.015			CXL	11	44		2012	
VL 0510	Cos lettuce	0.7			CXL	2014	47		2015	
SO 0691	Cotton seed	0.002		(*)	CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.08			CXL	11	44		2012	
VO 0050	Fruiting vegetables other than cucurbits	0.02		except sweet corn and mushrooms	CXL	11	44		2012	
VC 0045	Fruiting vegetables, cucurbits	0.007			CXL	11	44		2012	
FB 0269	Grapes	0.03			CXL	11	44		2012	
VL 0482	Lettuce, Head	1			CXL	11	44		2012	
VL 0483	Lettuce, Leaf	0.7			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.004			CXL	11	44		2012	
ML 0106	Milks	0.002			CXL	11	44		2012	
VL 0485	Mustard greens	0.2			CXL	11	44		2012	
FS 0245	Nectarine	0.03			CXL	11	44		2012	
FS 0247	Peach	0.03			CXL	11	44		2012	
HS 0444	Peppers Chili, dried	0.2			CXL	11	44		2012	
FP 0009	Pome fruits	0.02			CXL	11	44		2012	
SO 0495	Rape seed	0.005		(*)	CXL	2014	47		2015	
TN 0085	Tree nuts	0.001		(*)	CXL	2014			2015	

248 Flutriafol

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.01 mg/kg bw (2011)

ARfD: 0.05 mg/kg bw (2011)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Flutriafol. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.3			CXL	11	44		2012	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1.5			CXL	2015	48		2016	
VS 0624	Celery	3			CXL	2015	48		2016	
FS 0013	Cherries	0.8			CXL	2015	48		2016	
SB 0716	Coffee beans	0.15			CXL	11	44		2012	
SO 0691	Cotton seed	0.5			CXL	2015	48		2016	
DF 0269	Dried grapes (=currants, raisins and sultanas)	2			CXL	11	45	44	2013	
MO 0105	Edible offal (mammalian)	1			3	2015	48		2016	
PE 0112	Eggs	0.01		(*)	CXL	2015	48		2016	
VC 0045	Fruiting vegetables, cucurbits	0.3			CXL	2015	48		2016	
FB 0269	Grapes	0.8			CXL	11	45	44	2013	
VL 0482	Lettuce, Head	1.5			CXL	2015	48		2016	
GC 0645	Maize	0.01		(*)	CXL	2015	48		2016	
AS 0645	Maize fodder (dry)	20			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(fat)	CXL	2015	48		2016	
ML 0106	Milks	0.01		(*)	CXL	2015	48		2016	
FS 2001	Peaches (including Apricots and Nectarine)	0.6			CXL	2015	48		2016	
SO 0697	Peanut	0.15			CXL	11	44		2012	
AL 0697	Peanut fodder	20			CXL	11	44		2012	
VO 0051	Peppers	1			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0444	Peppers Chili, dried	10		CXL	11	44		2012	
FS	0014	Plums (including fresh prunes)	0.4		CXL	2015	48		2016	
FP	0009	Pome fruits	0.4		CXL	2015	48		2016	
PF	0111	Poultry fats	0.02		CXL	2015	48		2016	
PM	0110	Poultry meat	0.01	(*)	CXL	2015	48		2016	
PO	0111	Poultry, Edible offal of	0.03		CXL	2015	48		2016	
DF	0014	Prunes, dried	0.9		CXL	2015	48		2016	
SO	0495	Rape seed	0.5		CXL	2015	48		2016	
GC	0651	Sorghum	1.5		CXL	2015	48		2016	
AS	0651	Sorghum straw and fodder, Dry	7		CXL	2015	48		2016	
VD	0541	Soya bean (dry)	0.4		CXL	11	44		2012	
FB	0275	Strawberry	1.5		CXL	2015	48		2016	
VR	0596	Sugar beet	0.02		CXL	2015	48		2016	
AV	0596	Sugar beet leaves or tops(dry)	3	(dw)	CXL	2015	48		2016	
VO	0448	Tomato	0.8		CXL	2015	48		2016	
GC	0654	Wheat	0.15		CXL	11	44		2012	
CM	0654	Wheat bran, Unprocessed	0.3		CXL	11	44		2012	
AS	0654	Wheat straw and fodder, Dry	8		CXL	11	44		2012	

249 Isopyrazam

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.06 mg/kg bw (2011)

ARfD: 0.3 mg/kg bw (2011)

Residue: For compliance with the MRL for plant commodities: Isopyrazam (sum of syn-isomer and anti-isomer).

For estimation of dietary exposure) for plant commodities: sum of isopyrazam and 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid [9-(1-hydroxyl-1-methylethyl)-(1RS, 4RS, 9RS)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]amide expressed as isopyrazam.

For compliance with the MRL for estimation of dietary exposure) for animal commodities: Isopyrazam (sum of syn-isomer and anti-isomer).

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DF 0226	Apples, dried	3			CXL	2017	50		2018	
FI 0327	Banana	0.06			CXL	11	44		2012	
GC 0640	Barley	0.6			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	15	(dw)		CXL	2017	50		2018	
VR 0577	Carrot	0.15			CXL	2017	50		2018	
VO 2700	Cherry tomato	0.4			CXL	2017	50		2018	
VC 0424	Cucumber	0.06			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.02			CXL	2017	50		2018	
VO 2046	Eggplants	0.4			CXL	2017	50		2018	
PE 0112	Eggs	0.01	(*)		CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.03	(fat)		CXL	2017	50		2018	
VC 0046	Melons, except watermelon	0.15			CXL	2017	50		2018	
FM 0183	Milk fats	0.02			CXL	2017	50		2018	
ML 0106	Milks	0.01	(*)		CXL	2017	50		2018	
SO 0697	Peanut	0.01			CXL	2017	50		2018	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.09			CXL	2017	50		2018	
FP 0009	Pome fruits	0.4			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01	(*)		CXL	11	44		2012	
PM 0110	Poultry meat	0.01	(*)		CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	11	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0495 Rape seed	0.2			CXL	2017	50		2018	
GC	0650 Rye	0.03			CXL	2017	50		2018	
AS	0650 Rye straw and fodder, Dry	15	(dw)		CXL	2017	50		2018	
VO	0448 Tomato	0.4			CXL	2017	50		2018	
DV	0448 Tomato, dried	5			CXL	2017	50		2018	
GC	0653 Triticale	0.03			CXL	2017	50		2018	
AS	0653 Triticale straw and fodder, Dry	15	(dw)		CXL	2017	50		2018	
GC	0654 Wheat	0.03			CXL	2017	50		2018	
CM	0654 Wheat bran, Unprocessed	0.15			CXL	11	44		2012	
AS	0654 Wheat straw and fodder, Dry	15	(dw)		CXL	2017	50		2018	

250 Propylene oxide

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.04 mg/kg bw (2011)

ARfD: 0.04 mg/kg bw (2011)

Residue: For compliance with MRL) for plant commodities: Propylene oxide.

For estimation of dietary exposure for plant commodities: propylene oxide, propylene chlorohydrin and propylene bromohydrin. Propylene chlorohydrin and propylene bromohydrin to be considered separately from propylene oxide.

The residue is not fat-soluble.

Note: Propylene chlorohydrin.

ADI: 0–0.3 mg/kg bw

ARfD: 0.3 mg/kg bw

Propylene bromohydrin

ADI: 0–0.03 mg/kg bw

ARfD: 0.03 mg/kg bw

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

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2011)

ARfD: Unnecessary (2011)

Residue: For compliance with MRL and for estimation of dietary intake for plant and animal commodities: Saflufenacil. The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	0.06			CXL	2016	49		2017	
FI 0327	Banana	0.01			CXL	11	44		2012	
GC 0640	Barley	1			CXL	2016	49		2017	
CM 0640	Barley bran, unprocessed	3			CXL	2016	49		2017	
AS 0640	Barley straw and fodder, Dry	10			CXL	2016	49		2017	
GC 0080	Cereal grains	0.01			CXL	11	44		2012	
FC 0001	Citrus fruits	0.01			CXL	11	44		2012	
SB 0716	Coffee beans	0.01			CXL	11	44		2012	
SO 0691	Cotton seed	0.2			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	60			CXL	2016	49		2017	
PE 0112	Eggs	0.01		(*)	CXL	2016	49		2017	
FB 0269	Grapes	0.01			CXL	11	44		2012	
AS 0162	Hay or fodder (dry) of grasses	30			CXL	2016	49		2017	
SO 0693	Linseed	0.6			CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	0.05			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2016	49		2017	
ML 0106	Milks	0.01			CXL	2016	49		2017	
SO 0485	Mustard seed	0.6			CXL	2017	50		2018	
SO 0697	Peanut	0.01		(*)	CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	0.01			CXL	11	44		2012	
VP 0064	Peas, Shelled (succulent seeds)	0.01			CXL	11	44		2012	
FP 0009	Pome fruits	0.01			CXL	11	44		2012	
FI 0355	Pomegranate	0.01		(*)	CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF	0111 Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM	0110 Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	2016	49		2017	
VD	0070 Pulses	0.3			CXL	12	45		2013	
SO	0495 Rape seed	0.6			CXL	11	44		2012	
AS	0651 Sorghum straw and fodder, Dry	0.05			CXL	11	44		2012	
VP	0541 Soya bean (immature seeds)	0.01			CXL	11	44		2012	
FS	0012 Stone fruits	0.01			CXL	11	44		2012	
GS	0659 Sugar cane	0.03			CXL	2016	49		2017	
DM	0659 Sugar cane molasses	1			CXL	2016	49		2017	
SO	0702 Sunflower seed	0.7			CXL	2016	49		2017	
GC	0447 Sweet Corn	0.01			CXL	11	44		2012	
TN	0085 Tree nuts	0.01			CXL	11	44		2012	
GC	0653 Triticale	0.7			CXL	2016	49		2017	
AS	0653 Triticale straw and fodder, Dry	10			CXL	2016	49		2017	
GC	0654 Wheat	0.7			CXL	2016	49		2017	
AS	0654 Wheat straw and fodder, Dry	10			CXL	2016	49		2017	

252 Sulfoxaflor

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2011)

ARfD: 0.3 mg/kg bw (2011)

Residue: For compliance with the MRL and for estimation of dietary intake / risk assessment for plant and animal commodities: Sulfoxaflor. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.6			CXL	11	45	44	2013	
AS 0640	Barley straw and fodder, Dry	3			CXL	11	45	44	2013	
VD 0071	Beans (dry)	0.3			CXL	2013	46		2014	
VB 0400	Broccoli	3			CXL	11	45	44	2013	
VB 0041	Cabbages, Head	0.4			CXL	11	45	44	2013	
VR 0577	Carrot	0.05			CXL	2013	46		2014	
VB 0404	Cauliflower	0.04			CXL	11	45	44	2013	
VS 0624	Celery	1.5			CXL	11	45	44	2013	
FS 0013	Cherries	1.5			CXL	2014	47		2015	
SO 0691	Cotton seed	0.4			CXL	11	45	44	2013	
DF 0269	Dried grapes (=currants, raisins and sultanas)	6			CXL	11	45	44	2013	
MO 0105	Edible offal (mammalian)	0.6			CXL	11	45	44	2013	
MO 0105	Edible offal (mammalian)	1			3	2018	51			
PE 0112	Eggs	0.1			CXL	11	45	44	2013	
VO 0050	Fruiting vegetables other than cucurbits	1.5		(except sweet corn and mushrooms)	CXL	11	45	44	2013	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	11	45	44	2013	
VA 0381	Garlic	0.01 (*)			CXL	11	45	44	2013	
FB 0269	Grapes	2			CXL	11	45	44	2013	
VL 0053	Leafy vegetables	6			CXL	11	45	44	2013	
FC 0002	Lemons and limes (including citron)	0.4			CXL	2014	47		2015	
GC 0645	Maize	0.01 (*)			3	2018	51			
AS 0645	Maize fodder (dry)	0.6			3	2018	51			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.2			3	2018	51			
FC 0003	Mandarins (including mandarin-like hybrids)	0.8			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.3			CXL	11	45	44	2013	
MM 0095	Meat (from mammals other than marine mammals)	0.4			3	2018	51			
ML 0106	Milks	0.2			CXL	11	45	44	2013	
ML 0106	Milks	0.3			3	2018	51			
VA 0385	Onion, Bulb	0.01	(*)		CXL	11	45	44	2013	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.8			CXL	2014	47		2015	
FS 2001	Peaches (including Apricots and Nectarine)	0.4			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	15			CXL	11	45	44	2013	
FS 0014	Plums (including fresh prunes)	0.5			CXL	2014	47		2015	
FP 0009	Pome fruits	0.3			CXL	2014	47		2015	
PF 0111	Poultry fats	0.03			CXL	2014	47		2015	
PM 0110	Poultry meat	0.1			CXL	11	45	44	2013	
PM 0110	Poultry meat	0.7			3	2018	51			
PO 0111	Poultry, Edible offal of	0.3			CXL	11	45	44	2013	
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	0.15			CXL	2014	47		2015	
SO 0495	Rape seed	0.15			CXL	11	45	44	2013	
GC 0649	Rice	7			3	2018	51			
AS 0649	Rice straw and fodder, Dry	20			3	2018	51			
CM 0649	Rice, Husked	1.5			3	2018	51			
CM 1205	Rice, Polished	1			3	2018	51			
VR 0075	Root and tuber vegetables	0.03		(except carrots)	CXL	11	45	44	2013	
GC 0651	Sorghum	0.2			3	2018	51			
AS 0651	Sorghum straw and fodder, Dry	0.7			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)			CXL	11	45	44	2013	
AL	0541	Soya bean fodder			CXL	11	45	44	2013	
VA	0389	Spring Onion			CXL	11	45	44	2013	
FB	0275	Strawberry			CXL	11	45	44	2013	
GC	0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)		(*)	3	2018	51			
TN	0085	Tree nuts			4	2011	45	44		Maintained the MRLs for citrus fruits; pome fruits; stone fruits and tree nuts at Step 4. GAP reviewed by JMPR differed from the registered USA GAP (45:75). Maintained the MRLs for citrus fruits; pome fruits; stone fruits; tree nuts at Step 4, awaiting a review of GAP by the 2014 JMPR (46:95). Withdrawal recommended by the 2014 JMPR. CCPR decided to retain the MRL for tree nuts at Step 4 awaiting JMPR evaluation in 2016 (47:94). CCPR50 (2018) agreed to hold the proposed MRL for tree nuts at Step 4 awaiting evaluation by the 2019 JMPR (50:77).
TN	0085	Tree nuts			3	2018	51			
GC	0653	Triticale			CXL	11	45	44	2013	
GC	0654	Wheat			CXL	11	45	44	2013	
AS	0654	Wheat straw and fodder, Dry			CXL	11	45	44	2013	

253 Penthiopyrad

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2011)

ARfD: 1 mg/kg bw (2011)

Residue: For compliance with MRL) for plant commodities: Penthiopyrad.

For compliance with MRL for animal commodities and for the estimation of dietary intake for plant and animal commodities: Sum of penthiopyrad and 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide (PAM), expressed as penthiopyrad.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	20	(DM		CXL	2012	46	45	2014	
AM 0660	Almond hulls	6	(DM		CXL	2012	46	45	2014	
GC 0640	Barley	0.2			CXL	2013	46		2014	
AS 0640	Barley straw and fodder, Dry	80	(DM		CXL	2012	46	45	2014	
VP 0061	Beans, except broad bean and soya bean	3		(green pods and immature seeds)	CXL	12	45		2013	
VP 0062	Beans, Shelled	0.3			CXL	12	45		2013	
VB 0041	Cabbages, Head	4			CXL	2012	46	45	2014	
VR 0577	Carrot	0.6			CXL	12	45		2013	
VS 0624	Celery	15			CXL	2012	45		2013	
AB 1204	Cotton gin trash	20	(DM		CXL	2012	46	45	2014	
SO 0691	Cotton seed	0.5			CXL	2012	46	45	2014	
MO 0105	Edible offal (mammalian)	0.08			CXL	2013	46		2014	
PE 0112	Eggs	0.03			CXL	2012	46	45	2014	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	5			CXL	2012	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	2		(except sweet corn and mushroom)	CXL	2012	45		2013	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	2012	45		2013	
VL 0053	Leafy vegetables	30		(except brassica leafy vegetables)	CXL	2012	45		2013	
GC 0645	Maize	0.01			CXL	2012	46	45	2014	
CF 1255	Maize flour	0.05			CXL	2012	46	45	2014	
AS 0645	Maize fodder (dry)	10	(DM		CXL	2012	45		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
OC 0645	Maize oil, Crude	0.15			CXL	2012	46	45	2014	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.04			CXL	2013	46		2014	
ML 0106	Milks	0.04			CXL	2013	46		2014	
GC 0646	Millet (Including Barnyard Millet, Bulrush Millet, Common Millet, Finger Millet, Foxtail Millet, Little Millet)	0.8			CXL	2012	46	45	2014	
AS 0646	Millet fodder, dry	10	(DM		CXL	2012	46	45	2014	
AS 0647	Oat straw and fodder, Dry	80	(DM		CXL	2012	46	45	2014	
GC 0647	Oats	0.2			CXL	2013	46		2014	
VA 0385	Onion, Bulb	0.7			CXL	2012	45		2013	
VA 0387	Onion, Welsh	4			CXL	2012	45		2013	
AL 0072	Pea hay or pea fodder (dry)	60	(DM		CXL	2012	46	45	2014	
SO 0697	Peanut	0.05			CXL	2012	46	45	2014	
AL 0697	Peanut fodder	30	(DM		CXL	2012	46	45	2014	
OR 0697	Peanut oil, Edible	0.5			CXL	2012	46	45	2014	
VP 0063	Peas (pods and succulent=immature seeds)	3			CXL	2012	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	2012	45		2013	
HS 0444	Peppers Chili, dried	14			CXL	2012	45		2013	
FP 0009	Pome fruits	0.4			CXL	2012	46	45	2014	
VR 0589	Potato	0.05			CXL	2012	45		2013	
PF 0111	Poultry fats	0.03			CXL	2012	46	45	2014	
PM 0110	Poultry meat	0.03			CXL	2012	46	45	2014	
PO 0111	Poultry, Edible offal of	0.03			CXL	2012	46	45	2014	
VD 0070	Pulses	0.3		(except soya beans)	CXL	2012	45		2013	
VR 0494	Radish	3			CXL	2012	45		2013	
SO 0495	Rape seed	0.5			CXL	2012	46	45	2014	
OC 0495	Rape seed oil, Crude	1			CXL	2012	46	45	2014	
OR 0495	Rape seed oil, Edible	1			CXL	2012	46	45	2014	
GC 0650	Rye	0.1			CXL	2013	46		2014	
AS 0650	Rye straw and fodder, Dry	80	(DM		CXL	2012	46	45	2014	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0651 Sorghum	0.8			CXL	2012	46	45	2014	
AS	0651 Sorghum straw and fodder, Dry	10	(DM		CXL	2012	46	45	2014	
VD	0541 Soya bean (dry)	0.3			CXL	2012	46	45	2014	
AL	0541 Soya bean fodder	200	(DM		CXL	2012	46	45	2014	
VA	0389 Spring Onion	4			CXL	2012	45		2013	
FS	0012 Stone fruits	4			CXL	2012	45		2013	
FB	0275 Strawberry	3			CXL	2012	45		2013	
VR	0596 Sugar beet	0.5			CXL	2012	46	45	2014	
SO	0702 Sunflower seed	1.5			CXL	2012	46	45	2014	
VO	0447 Sweet corn (corn-on-the-cob)	0.02			CXL	2012	45		2013	
TN	0085 Tree nuts	0.05			CXL	2012	45		2013	
GC	0653 Triticale	0.1			CXL	2013	46		2014	
AS	0653 Triticale straw and fodder, Dry	80	(DM		CXL	2012	46	45	2014	
VL	0506 Turnip greens	50			CXL	2012	45		2013	
GC	0654 Wheat	0.1			CXL	2013	46		2014	
CF	0654 Wheat bran, Processed	0.1			CXL	2012	46	45	2014	
CM	0654 Wheat bran, Unprocessed	0.2			CXL	2013	46		2014	
CF	1210 Wheat germ	0.2			CXL	2013	46		2014	
AS	0654 Wheat straw and fodder, Dry	80	(DM		CXL	2012	46	45	2014	

254 Chlorfenapyr

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2012)

ARfD: 0.03 mg/kg bw (2012)

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

Definition of the residue for dietary risk assessment for plant and animal commodities: sum of chlorfenapyr plus 10 × 4-bromo-2-(p-chlorophenyl)-5-(trifluoromethyl)-pyrrole-3-carbonitrile (tralopyril).

The residue is fat-soluble.

Note: The 2018 JMPR Meeting that no revision of the ADI or ARfD was necessary.

JMPR also concluded that six metabolites identified in residue studies – CL322250 (M-5A), CL325195 (M-5), CL152837 (M-4), CL152832 (M-7A), CL152835 (M-6) and CL325157 (M-6A) – were toxicologically not relevant at currently estimated dietary exposures.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.05			3	2018	51			
PE 0112	Eggs	0.01			3	2018	51			
VC 0045	Fruiting vegetables, cucurbits	0.3			3	2018	51			
VA 0381	Garlic	0.01	(*)		3	2018	51			
FC 0002	Lemons and limes (including citron)	0.8			3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.6			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.6	(fat)		3	2018	51			
VC 0046	Melons, except watermelon	0.4			3	2018	51			
ML 0106	Milks	0.03			3	2018	51			
VA 0385	Onion, Bulb	0.01	(*)		3	2018	51			
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	1.5			3	2018	51			
FI 0350	Papaya	0.3			3	2018	51			
VO 0051	Peppers	0.3			3	2018	51			
HS 0444	Peppers Chili, dried	3			3	2018	51			
VR 0589	Potato	0.01	(*)		3	2018	51			
PF 0111	Poultry fats	0.02			3	2018	51			
PM 0110	Poultry meat	0.02	(fat)		3	2018	51			
PO 0111	Poultry, Edible offal of	0.01			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)	0.08		3	2018	51			
AL	0541	Soya bean fodder	7	(DM	3	2018	51			
OC	0541	Soya bean oil, crude	0.4		3	2018	51			
DT	1114	Tea, Green, Black (black, fermented and dried)	60		3	2018	51			
VO	0448	Tomato	0.4		3	2018	51			

255 Dinotefuran

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw (2012)

ARfD: 1 mg/kg bw (2012)

Residue: For compliance with the MRL) for plant commodities: Dinotefuran.

For estimation of dietary intake) for plant commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) and 1-methyl-3-(tetrahydro-3furylmethyl)guanidium dihydrogen (DN) expressed as dinotefuran.

For compliance with the MRL and estimation of dietary intake for animal commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) expressed as dinotefuran.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	12	45		2013	
VS 0624	Celery	0.6			CXL	12	45		2013	
SO 0691	Cotton seed	0.2			CXL	12	45		2013	
FB 0265	Cranberry	0.15			CXL	12	45		2013	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	0.1			CXL	12	45		2013	
PE 0112	Eggs	0.02	(*)		CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	0.5		(except sweet corn and mushrooms)	CXL	12	45		2013	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	12	45		2013	
FB 0269	Grapes	0.9			CXL	12	45		2013	
VL 0053	Leafy vegetables	6		(except watercress)	CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	12	45		2013	
ML 0106	Milks	0.1			CXL	12	45		2013	
FS 0245	Nectarine	0.8			CXL	12	45		2013	
VA 0385	Onion, Bulb	0.1			CXL	12	45		2013	
FS 0247	Peach	0.8			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	5			CXL	12	45		2013	
PM 0110	Poultry meat	0.02	(*)		CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02	(*)		CXL	12	45		2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0649	Rice	8			CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	6			CXL	12	45		2013	
CM 1205	Rice, Polished	0.3			CXL	12	45		2013	
VA 0389	Spring Onion	4			CXL	12	45		2013	
VL 0473	Watercress	7			CXL	12	45		2013	

256 Fluxapyroxad

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.02 mg/kg bw (2012)

ARfD: 0.3 mg/kg bw (2012)

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

For estimation of dietary intake for plant commodities: Sum of fluxapyroxad and 3-difluoromethyl)- N-(3',4',5'-trifluoro[1,1'- biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) and 3-(difluoromethyl)- 1-(β-D-glucopyranosyl)-N-(3',4',5'-trifluorobipheny-2-yl)-1H-pyrazole-4- carboxamide (M700F048) and expressed as parent equivalents.

For estimation of dietary intake) for animal commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'- biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) expressed as parent equivalents.

The residue is fat-soluble.

Note: The JMPR 2018 concluded that the new studies support the existing ADI of 0–0.02 mg/kg bw and have no impact on the ARfD of 0.3 mg/kg bw established in 2012.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 3350	Alfalfa hay	20	(DM		3	2018	51			
FI 0327	Banana	3			CXL	2015	48		2016	
GC 0640	Barley	2			CXL	12	45		2013	
CF 0640	Barley bran, processed	4			CXL	12		45	2013	
AS 0640	Barley straw and fodder, Dry	30			CXL	12	45		2013	
VD 0071	Beans (dry)	0.3			CXL	12	45		2013	
VP 0061	Beans, except broad bean and soya bean	2			CXL	12	45		2013	
VP 0062	Beans, Shelled	0.09			CXL	12	45		2013	
FB 0018	Berries and other small fruits	7		(except grapes)	CXL	2015	48		2016	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	2015	48		2016	
VR 0577	Carrot	1			CXL	2015	48		2016	
VS 0624	Celery	10			CXL	2015	48		2016	
FS 0013	Cherries	3			CXL	2015	48		2016	
VD 0524	Chick-pea (dry)	0.4			CXL	12	45		2013	
FC 0001	Citrus fruits	1			3	2018	51			
OR 0001	Citrus oil, edible	60			3	2018	51			
SB 0716	Coffee beans	0.15			3	2018	51			
SO 0691	Cotton seed	0.3			CXL	2015	48		2016	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0691	Cotton seed	0.5			3	2018	51			
DF 0269	Dried grapes (=currants, raisins and sultanas)	15			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.1			CXL	12	45		2013	
PE 0112	Eggs	0.02			CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	0.6		(except sweet corn and mushrooms)	CXL	12	45		2013	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2015	48		2016	
VA 0381	Garlic	0.6			CXL	2015	48		2016	
AB 0269	Grape pomace, Dry	150			CXL	2015	48		2016	
FB 0269	Grapes	3			CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae	4			CXL	2015	48		2016	
VD 0533	Lentil (dry)	0.4			CXL	12	45		2013	
VL 0482	Lettuce, Head	4			CXL	2015	48		2016	
GC 0645	Maize	0.01	(*)		CXL	12	45		2013	
AS 0645	Maize fodder (dry)	15			CXL	12	45		2013	
FI 0345	Mango	0.6			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	12	45		2013	
FM 0183	Milk fats	0.5			CXL	12	45		2013	
ML 0106	Milks	0.02			CXL	12	45		2013	
AS 0647	Oat straw and fodder, Dry	30			CXL	12	45		2013	
GC 0647	Oats	2			CXL	12	45		2013	
SO 0088	Oilseed	0.8		(except peanut and cotton)	CXL	12	45		2013	
VA 0385	Onion, Bulb	0.6			CXL	2015	48		2016	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.3			CXL	2015	48		2016	Withdrawal recommended by JMPR 2018.
FI 0350	Papaya	1			3	2018	51			
VR 0588	Parsnip	1			CXL	2015	48		2016	
AL 0072	Pea hay or pea fodder (dry)	40	dry wt		CXL	12	45		2013	
FS 2001	Peaches (including Apricots and Nectarine)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	0.01			CXL	12	45		2013	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0072	Peas (dry)	0.4			CXL	12	45		2013	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	12	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	0.09			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	6			CXL	12	45		2013	
FS 0014	Plums (including fresh prunes)	1.5			CXL	2015	48		2016	
FP 0009	Pome fruits	0.9			CXL	12	45		2013	
VR 0589	Potato	0.03			CXL	12	45		2013	
VR 0589	Potato	0.07			3	2018	51			
PF 0111	Poultry fats	0.05			CXL	12	45		2013	
PM 0110	Poultry meat	0.02			CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02			CXL	12	45		2013	
DF 0014	Prunes, dried	5			CXL	12	45		2013	
VR 0494	Radish	0.2			CXL	2015	48		2016	
VL 0494	Radish leaves (including radish tops)	8			CXL	2015	48		2016	
GC 0649	Rice	5			CXL	2015	48		2016	
AS 0649	Rice straw and fodder, Dry	50	(dw)		CXL	2015	48		2016	
CM 0649	Rice, Husked	3			CXL	2015	48		2016	
CM 1205	Rice, Polished	0.4			CXL	2015	48		2016	
GC 0650	Rye	0.3			CXL	12	45		2013	
AS 0650	Rye straw and fodder, Dry	30			CXL	12	45		2013	
VA 0388	Shallot	0.6			CXL	2015	48		2016	
GC 0651	Sorghum	0.7			CXL	2015	48		2016	
AS 0651	Sorghum straw and fodder, Dry	7	(dw)		CXL	2015	48		2016	
VD 0541	Soya bean (dry)	0.15			CXL	12	45		2013	
VP 0541	Soya bean (immature seeds)	0.5			CXL	12	45		2013	
VP 0546	Soya bean (young pod)	1.5			CXL	12	45		2013	
AL 0541	Soya bean fodder	30	dry wt		CXL	12	45		2013	
AB 0541	Soya bean hulls	0.3			CXL	12	45		2013	
VR 0596	Sugar beet	0.15			CXL	12	45		2013	
VO 0447	Sweet corn (corn-on-the-cob)	0.15			CXL	12	45		2013	
TN 0085	Tree nuts	0.04			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0653	Triticale			CXL	12	45		2013	
AS	0653	Triticale straw and fodder, Dry			CXL	12	45		2013	
VR	2071	Tuberous and corn vegetables		(except potato)	3	2018	51			
GC	0654	Wheat			CXL	12	45		2013	
CM	0654	Wheat bran, Unprocessed			CXL	12	45		2013	
AS	0654	Wheat straw and fodder, Dry			CXL	12	45		2013	

257 MCPA

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2012)

ARfD: 0.6 mg/kg bw (2012)

Residue: For compliance with the MRL) for plant and animal commodities: MCPA.

For estimation of dietary intake) for plant commodities: Sum of MCPA, its conjugates and esters, all expressed as MCPA.

For the estimation of dietary intake) for animal commodities: Sum of MCPA and its conjugates, expressed as MCPA.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	12	45		2013	
AS 0640	Barley straw and fodder, Dry	50			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	3			CXL	12	45		2013	
PE 0112	Eggs	0.05		(*)	CXL	12	45		2013	
SO 4711	Flax-seed	0.01		(*)	CXL	12	45		2013	
AS 0162	Hay or fodder (dry) of grasses	500			CXL	12	45		2013	
GC 0645	Maize	0.01		(*)	CXL	12	45		2013	
AS 0645	Maize fodder (dry)	0.3			CXL	12	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	12	45		2013	
ML 0106	Milks	0.04			CXL	12	45		2013	
AS 0647	Oat straw and fodder, Dry	50			CXL	12	45		2013	
GC 0647	Oats	0.2			CXL	12	45		2013	
VD 0072	Peas (dry)	0.01		(*)	CXL	12	45		2013	
PF 0111	Poultry fats	0.05		(*)	CXL	12	45		2013	
PM 0110	Poultry meat	0.05		(*)	CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	12	45		2013	
GC 0650	Rye	0.2			CXL	12	45		2013	
AS 0650	Rye straw and fodder, Dry	50			CXL	12	45		2013	
GC 0653	Triticale	0.2			CXL	12	45		2013	
AS 0653	Triticale straw and fodder, Dry	50			CXL	12	45		2013	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0654	Wheat	0.2			CXL	12	45		2013	
AS 0654	Wheat straw and fodder, Dry	50			CXL	12	45		2013	

258 Picoxystrobin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.09 mg/kg bw (2012)

ARfD: 0.09 mg/kg bw (2012)

Residue: For compliance with the MRL and for estimation of dietary exposure for animal and plant commodities: Picoxystrobin. The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.3			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	7	(dw)		CXL	2017	50		2018	
VD 2065	Dry beans	0.06			CXL	2017	50		2018	
VD 2066	Dry peas	0.06			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.02			CXL	2017	50		2018	
PE 0112	Eggs	0.01	(*)		CXL	2017	50		2018	
GC 0645	Maize	0.015			CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	20	(dw)		CXL	2017	50		2018	
OR 0645	Maize oil, Edible	0.15			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	2017	50		2018	
ML 0106	Milks	0.01	(*)		CXL	2017	50		2018	
AS 0647	Oat straw and fodder, Dry	7	(dw)		CXL	2017	50		2018	
GC 0647	Oats	0.3			CXL	2017	50		2018	
AL 0072	Pea hay or pea fodder (dry)	150	(dw)		CXL	2017	50		2018	
GC 0656	Popcorn	0.015			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01	(*)		CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	2017	50		2018	
GC 0650	Rye	0.04			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, Dry	7	(dw)		CXL	2017	50		2018	
AL 0541	Soya bean fodder	5	(dw)		CXL	2017	50		2018	
OR 0541	Soya bean oil, Refined	0.2			CXL	2017	50		2018	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01	(*)		CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0653	Triticale			CXL	2017	50		2018	
AS	0653	Triticale straw and fodder, Dry	7	(dw)	CXL	2017	50		2018	
GC	0654	Wheat			CXL	2017	50		2018	
CF	0654	Wheat bran, Processed	0.15		CXL	2017	50		2018	
CF	1210	Wheat germ	0.15		CXL	2017	50		2018	
AS	0654	Wheat straw and fodder, Dry	7	(dw)	CXL	2017	50		2018	

259 Sedaxane

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2012)

ARfD: 0.3 mg/kg bw (2012)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Sedaxane. The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0061	Bean fodder	0.01		(*)	CXL	2014	47		2015	
GC 0080	Cereal grains	0.01		(*)	CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	12	45		2013	
PE 0112	Eggs	0.01		(*)	CXL	12	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*) (fat)	CXL	12	45		2013	
FM 0183	Milk fats	0.01		(*)	CXL	12	45		2013	
ML 0106	Milks	0.01		(*)	CXL	12	45		2013	
AL 0072	Pea hay or pea fodder (dry)	0.01		(*)	CXL	2014	47		2015	
VR 0589	Potato	0.02			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01		(*)	CXL	12	45		2013	
PM 0110	Poultry meat	0.01		(*)	CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	12	45		2013	
VD 0070	Pulses	0.01		(*)	CXL	2014	47		2015	
SO 0495	Rape seed	0.01		(*)	CXL	12	45		2013	
AS 0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	0.1			CXL	2014	47		2015	
VO 0447	Sweet corn (corn-on-the-cob)	0.01		(*)	CXL	2014	47		2015	

260 Ametoctradin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.)

ADI: Unnecessary mg/kg bw (2012)

ARfD: Unnecessary (2012)

Residue: For compliance with the MRL for plant commodities: Ametoctradin.

For compliance with the MRL for animal commodities: sum of ametoctradin, M650F01 and M650F06, expressed as Ametoctradin.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	9			CXL	12	45		2013	
VS 0624	Celery	20			CXL	12	45		2013	
VC 0424	Cucumber	0.4			CXL	12	45		2013	
DF 0269	Dried grapes (=currants, raisins and sultanas)	20			CXL	12	45		2013	
PE 0112	Eggs	0.03 (*)			CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	1.5		(except sweet corn and mushroom)	CXL	12	45		2013	
VC 0045	Fruiting vegetables, cucurbits	3		(except cucumber)	CXL	12	45		2013	
VA 0381	Garlic	1.5			CXL	12	45		2013	
FB 0269	Grapes	6			CXL	12	45		2013	
DH 1100	Hops, Dry	30			CXL	12	45		2013	
VL 0053	Leafy vegetables	50			CXL	12	45		2013	
VA 0385	Onion, Bulb	1.5			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	15			CXL	12	45		2013	
VR 0589	Potato	0.05			CXL	12	45		2013	
PF 0111	Poultry fats	0.03 (*)			CXL	12	45		2013	
PM 0110	Poultry meat	0.03 (*)			CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.03 (*)			CXL	12	45		2013	
VA 0388	Shallot	1.5			CXL	12	45		2013	
VA 0389	Spring Onion	20			CXL	12	45		2013	

261 Benzovindiflupyr

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.05 mg/kg bw (2013)

ARfD: 0.1 mg/kg bw (2013)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Benzovindiflupyr.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	1			CXL	2016	49		2017	
AS 0640	Barley straw and fodder, Dry	15	(dw)		CXL	2016	49		2017	
VD 0071	Beans (dry)	0.2			CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
SB 0716	Coffee beans	0.15			CXL	2016	49		2017	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			CXL	2016	49		2017	
VD 2065	Dry beans	0.15			3	2018	51			
VD 2066	Dry peas	0.2			3	2018	51			
MO 0105	Edible offal (mammalian)	0.1			CXL	2016	49		2017	
PE 0112	Eggs	0.01	(*)		CXL	2016	49		2017	
VO 0050	Fruiting vegetables other than cucurbits	0.9			CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2016	49		2017	
FB 0269	Grapes	1			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.03	F		CXL	2016	49		2017	
ML 0106	Milks	0.01	(*)		CXL	2016	49		2017	
AS 0647	Oat straw and fodder, Dry	15	(dw)		CXL	2016	49		2017	
GC 0647	Oats	1			CXL	2016	49		2017	
AL 0072	Pea hay or pea fodder (dry)	8	(dw)		CXL	2016	49		2017	
SO 0697	Peanut	0.04			CXL	2016	49		2017	
AL 0697	Peanut fodder	15	(dw)		CXL	2016	49		2017	
VD 0072	Peas (dry)	0.15			CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
HS 0444	Peppers Chili, dried	9			CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0009	Pome fruits	0.2			CXL	2016	49		2017	
VR 0589	Potato	0.02			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01		(*)	CXL	2016	49		2017	
PM 0110	Poultry meat	0.01		(*)	CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2016	49		2017	
SO 0495	Rape seed	0.2			CXL	2016	49		2017	
GC 0650	Rye	0.1			CXL	2016	49		2017	
AS 0650	Rye straw and fodder, Dry	15		(dw)	CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.08			CXL	2016	49		2017	
GS 0659	Sugar cane	0.04			CXL	2016	49		2017	
VO 0447	Sweet corn (corn-on-the-cob)	0.01		(*)	CXL	2016	49		2017	
GC 0653	Triticale	0.1			CXL	2016	49		2017	
AS 0653	Triticale straw and fodder, Dry	15		(dw)	CXL	2016	49		2017	
GC 0654	Wheat	0.1			CXL	2016	49		2017	
AS 0654	Wheat straw and fodder, Dry	15		(dw)	CXL	2016	49		2017	

262 Bixafen

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.02 mg/kg bw (2013)

ARfD: 0.2 mg/kg bw (2013)

Residue: For compliance with MRLs) for plant commodities: Bixafen.

For compliance with MRLs) for animal commodities and (for dietary risk assessment) for plant and animal commodities: Sum of bixafen and N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1H-pyrazole-4-carboxamide (bixafen-desmethyl), expressed as bixafen.

The residue is fat-soluble.

Note: The currently available information on residues in rotational crops was not sufficient to make recommendations on maximum residue levels in plant and animal commodities.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.4			CXL	2016	49		2017	
AS 0640	Barley straw and fodder, Dry	20	(dw)		CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	4			CXL	2016	49		2017	
PE 0112	Eggs	0.05			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	2			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	2016	49		2017	
FM 0183	Milk fats	5			CXL	2016	49		2017	
ML 0106	Milks	0.2			CXL	2016	49		2017	
AS 0647	Oat straw and fodder, Dry	20	(dw)		CXL	2016	49		2017	
GC 0647	Oats	0.4			CXL	2016	49		2017	
PF 0111	Poultry fats	0.05			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02	(*)		CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.05			CXL	2016	49		2017	
SO 0495	Rape seed	0.04			CXL	2016	49		2017	
OR 0495	Rape seed oil, Edible	0.08			CXL	2016	49		2017	
GC 0650	Rye	0.05			CXL	2016	49		2017	
AS 0650	Rye straw and fodder, Dry	20	(dw)		CXL	2016	49		2017	
GC 0653	Triticale	0.05			CXL	2016	49		2017	
AS 0653	Triticale straw and fodder, Dry	20	(dw)		CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0654	Wheat	0.05			CXL	2016	49		2017	
CM 0654	Wheat bran, Unprocessed	0.15			CXL	2016	49		2017	
AS 0654	Wheat straw and fodder, Dry	20	(dw)		CXL	2016	49		2017	

263 Cyantraniliprole

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.03 mg/kg bw (2013)

ARfD: Unnecessary (2013)

Residue: For compliance with the MRL for plant and animal commodities: Cyantraniliprole. For dietary risk assessment for unprocessed plant commodities: Cyantraniliprole.

For dietary risk assessment for processed plant commodities: sum of cyantraniliprole and IN-J9Z38, expressed as cyantraniliprole.

For dietary risk assessment for animal commodities: sum of cyantraniliprole,

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile [IN-J9Z38],

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-1,4-dihydro-8-methyl-4-oxo-6-quinazolinecarbonitrile [IN-MLA84],

3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-(hydroxymethyl)-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide [IN- N7B69] and

3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(hydroxymethyl)amino]carbonyl]-6-methylphenyl]-1H-pyrazole-5-carboxamide [IN- MYX98], expressed as cyantraniliprole.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0061	Bean fodder	40		(DM	CXL	2015	48		2016	(DM) = dry matter
VD 0071	Beans (dry)	0.3			CXL	2015	48		2016	
VP 0062	Beans, Shelled	0.3			CXL	2015	48		2016	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	2013	46		2014	
FB 2006	Bush berries	4			CXL	2013	46		2014	
VS 0624	Celery	15			CXL	2013	46		2014	
FS 0013	Cherries	6			CXL	2013	46		2014	
FC 0001	Citrus fruits	0.7			CXL	2015	48		2016	
OR 0001	Citrus oil, edible	4.5			CXL	2015	48		2016	
SB 0716	Coffee beans	0.05			CXL	2015	48		2016	
VP 0526	Common bean (pods and/or immature seeds)	1.5			CXL	2015	48		2016	
SO 0691	Cotton seed	1.5			CXL	2015	48		2016	
FB 0265	Cranberry	0.08			3	2018	51			
MO 0105	Edible offal (mammalian)	1.5			CXL	2015	48		2016	
PE 0112	Eggs	0.15			CXL	2015	48		2016	
AM 1051	Fodder beet	0.02			CXL	2013	46		2014	
VO 0050	Fruiting vegetables other than cucurbits	0.5		(except mushrooms & sweet corn)	CXL	2013	46		2014	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0045	Fruiting vegetables, cucurbits	0.3			CXL	2013	46		2014	Recommended for withdrawal by JMPR 2018.
VA 0381	Garlic	0.05			CXL	2013	46		2014	
VL 0053	Leafy vegetables	20		(except Lettuce, Head)	CXL	2013	46		2014	
AL 0157	Legume animal feeds	0.8	dry wt		CXL	2013	46		2014	
VL 0482	Lettuce, Head	5			CXL	2013	46		2014	
GC 0645	Maize	0.01	(*)		CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.5			CXL	2015	48		2016	
FI 0345	Mango	0.7			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	2015	48		2016	
ML 0106	Milks	0.6			CXL	2015	48		2016	
VA 0385	Onion, Bulb	0.05			CXL	2013	46		2014	
VA 0387	Onion, Welsh	8			CXL	2013	46		2014	
AL 0072	Pea hay or pea fodder (dry)	60	(DM)		CXL	2015	48		2016	
FS 0247	Peach	1.5			CXL	2013	46		2014	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2015	48		2016	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	2015	48		2016	
HS 0444	Peppers Chili, dried	5			CXL	2013	46		2014	
FS 0014	Plums (including fresh prunes)	0.5			CXL	2013	46		2014	
FP 0009	Pome fruits	0.8			CXL	2013	46		2014	
FI 0355	Pomegranate	0.01	(*)		CXL	2015	48		2016	
VR 0589	Potato	0.05			CXL	2013	46		2014	
PF 0111	Poultry fats	0.04			CXL	2015	48		2016	
PM 0110	Poultry meat	0.02			CXL	2015	48		2016	
PO 0111	Poultry, Edible offal of	0.15			CXL	2015	48		2016	
DF 0014	Prunes, dried	0.8			CXL	2013	46		2014	
SO 0495	Rape seed	0.8			CXL	2015	48		2016	
AS 0649	Rice straw and fodder, Dry	1.7	(dw)		3	2018	51			
CM 0649	Rice, Husked	0.01	(*)		3	2018	51			
CM 1205	Rice, Polished	0.01	(*)		3	2018	51			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0075	Root and tuber vegetables	0.05		(except potato)	CXL	2013	46		2014	
VA 0388	Shallot	0.05			CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.4			CXL	2015	48		2016	
VP 0541	Soya bean (immature seeds)	0.3			CXL	2015	48		2016	
AL 0541	Soya bean fodder	80	(DM		CXL	2015	48		2016	
VA 0389	Spring Onion	8			CXL	2013	46		2014	
AS 0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	0.2	dry wt		CXL	2013	46		2014	
FB 0275	Strawberry	1.5			3	2018	51			
SO 0702	Sunflower seed	0.5			CXL	2015	48		2016	
TN 0085	Tree nuts	0.04			CXL	2015	48		2016	
AM 0506	Turnip fodder	0.02			CXL	2013	46		2014	
FB 1236	Wine-grapes	1			3	2018	51			

264 Fenamidone

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.03 mg/kg bw (2013)

ARfD: 1 mg/kg bw (2013)

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

For estimation of dietary intake) for plant commodities: Sum of fenamidone, (S)-5-methyl-5-phenyl-3-(phenylamino)-2,4-imidazolidine-dione (RPA 410193), plus 10 x the sum of both (S)-5-methyl-5-phenyl-2,4-imidazolidine-dione (RPA 412636) and (5S)-5-methyl-2-(methylthio)-5-phenyl-3,5-dihydro-4H-imidazol-4-one (RPA 412708), all calculated as fenamidone.

Residue concentration Ctotal = Cfenamidone + C RPA 410193 + 10 x (CRPA 412636 + CRPA 412708).

For the estimation of dietary intake) for animal commodities: Sum of fenamidone plus 10 x the sum of both (S)-5-methyl-5-phenyl-2,4-imidazolidine-dione (RPA 412636) and (5S)-5-methyl-2-(methylthio)-5-phenyl-3,5-dihydro-4H-imidazol-4-one (RPA 412708), all calculated as fenamidone.

Residue concentration Ctotal = Cfenamidone + 10 x (CRPA 412636 + CRPA 412708).

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.8			CXL	2014	47		2015	
VP 0062	Beans, Shelled	0.15			CXL	2014	47		2015	
VB 0041	Cabbages, Head	0.9			CXL	2014	47		2015	
VR 0577	Carrot	0.2			CXL	2014	47		2015	
VS 0624	Celery	40			CXL	2014	47		2015	
SO 0691	Cotton seed	0.02 (*)			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2014	47		2015	
PE 0112	Eggs	0.01 (*)			CXL	2014	47		2015	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	4			CXL	2014	47		2015	
VO 0050	Fruiting vegetables other than cucurbits	1.5		(except chilli pepper, fungi, sweet corn)	CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2014	47		2015	
VA 0381	Garlic	0.15			CXL	2014	47		2015	
FB 0269	Grapes	0.6			CXL	2014	47		2015	
VA 0384	Leek	0.3			CXL	2014	47		2015	
VL 0482	Lettuce, Head	20			CXL	2014	47		2015	
VL 0483	Lettuce, Leaf	0.9			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*) (fat)	CXL	2014	47		2015	
FM	0183	Milk fats	0.02		CXL	2014	47		2015	
ML	0106	Milks	0.01	(*)	CXL	2014	47		2015	
VA	0385	Onion, Bulb	0.15		CXL	2014	47		2015	
VA	0387	Onion, Welsh	3		CXL	2014	47		2015	
VO	0444	Peppers Chili	4		CXL	2014	47		2015	
HS	0444	Peppers Chili, dried	30		CXL	2014	47		2015	
VR	0589	Potato	0.02	(*)	CXL	2014	47		2015	
PF	0111	Poultry fats	0.01	(*)	CXL	2014	47		2015	
PM	0110	Poultry meat	0.01	(*) (fat)	CXL	2014	47		2015	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	2014	47		2015	
VA	0388	Shallot	0.15		CXL	2014	47		2015	
VA	0389	Spring Onion	3		CXL	2014	47		2015	
FB	0275	Strawberry	0.04		CXL	2014	47		2015	
SO	0702	Sunflower seed	0.02	(*)	CXL	2014	47		2015	
CP	0448	Tomato ketchup	3		CXL	2014	47		2015	Tentative code
VW	0448	Tomato paste	4		CXL	2014	47		2015	
VL	2832	Witloof chicory (sprouts)	0.01	(*)	CXL	2014	47		2015	

265 Fluensulfone

Main Uses: Nematocide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.01 mg/kg bw (2013)

ARfD: 0.3 mg/kg bw (2013)

Residue: For compliance with MRLs) for plant commodities: Sum of fluensulfone and 3,4,4-trifluorobut-3-ene-1-sulfonic acid (BSA), expressed as fluensulfone equivalents. For estimation of dietary exposure) for plant commodities: Fluensulfone.

For compliance with MRLs and for estimation of dietary exposure) for animal commodities: Fluensulfone.

Residue is fat-soluble.

Note: (R): Indicates a maximum residue level relating to rotational crops.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0574	Beetroot	4			CXL	2016	49		2017	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1.5			CXL	2016	49		2017	
VR 0577	Carrot	4			CXL	2016	49		2017	
VR 0578	Celeriac	4			CXL	2016	49		2017	
VS 0624	Celery	2			CXL	2016	49		2017	
VR 0579	Chervil, Turnip-rooted	4			CXL	2016	49		2017	
VC 0424	Cucumber	0.7			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	2016	49		2017	
PE 0112	Eggs	0.01		(*)	CXL	2016	49		2017	
VO 0050	Fruiting vegetables other than cucurbits	0.7		except sweetcorn and mushroom	CXL	2016	49		2017	
VR 0583	Horseradish	4			CXL	2016	49		2017	
VL 0481	Komatsuna	9			CXL	2016	49		2017	
VL 0053	Leafy vegetables	1		(not specified elsewhere) (R)	CXL	2016	49		2017	
VP 0060	Legume vegetables	0.1		(R)	CXL	2016	49		2017	
VL 0482	Lettuce, Head	0.8			CXL	2016	49		2017	
FB 2009	Low growing berries	0.5			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*) (fat)	CXL	2016	49		2017	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0046	Melons, except watermelon	0.3			CXL	2016	49		2017	
ML 0106	Milks	0.01		(*)	CXL	2016	49		2017	
VL 0485	Mustard greens	20			CXL	2016	49		2017	
VR 0588	Parsnip	4			CXL	2016	49		2017	
HS 0444	Peppers Chili, dried	7			CXL	2016	49		2017	
VR 0589	Potato	0.8			CXL	2016	49		2017	
DV 0589	Potato, dried	2			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01		(*)	CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2016	49		2017	
VR 0494	Radish	4			CXL	2016	49		2017	
VL 0494	Radish leaves (including radish tops)	50			CXL	2016	49		2017	
VR 0591	Radish, Japanese	4			CXL	2016	49		2017	
VR 0075	Root and tuber vegetables	3		(not specified elsewhere) (R)	CXL	2016	49		2017	
VL 0502	Spinach	4			CXL	2016	49		2017	
VC 0431	Squash, summer	0.7			CXL	2016	49		2017	
VR 0497	Swede	4			CXL	2016	49		2017	
VR 0508	Sweet potato	0.8			CXL	2016	49		2017	
VW 0448	Tomato paste	1.5			CXL	2016	49		2017	
DV 0448	Tomato, dried	1.5			CXL	2016	49		2017	
VL 0506	Turnip greens	10			CXL	2016	49		2017	
VR 0506	Turnip, Garden	4			CXL	2016	49		2017	
VC 0432	Watermelon	0.3			CXL	2016	49		2017	

266 Imazapic

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.7 mg/kg bw (2013)

ARfD: Unnecessary (2013)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Imazapic. Residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	1			CXL	2013	46		2014	
PE 0112	Eggs	0.01		(*)	CXL	2013	46		2014	
AS 0162	Hay or fodder (dry) of grasses	3			CXL	2013	46		2014	
GC 0645	Maize	0.01		(*)	CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2013	46		2014	
ML 0106	Milks	0.1			CXL	2013	46		2014	
SO 0697	Peanut	0.05		(*)	CXL	2013	46		2014	
PF 0111	Poultry fats	0.01		(*)	CXL	2013	46		2014	
PM 0110	Poultry meat	0.01		(*)	CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2013	46		2014	
SO 0495	Rape seed	0.05		(*)	CXL	2013	46		2014	
GC 0649	Rice	0.05		(*)	CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.5			CXL	2015	48		2016	
GS 0659	Sugar cane	0.01		(*)	CXL	2013	46		2014	
GC 0654	Wheat	0.05		(*)	CXL	2013	46		2014	
AS 0654	Wheat straw and fodder, Dry	0.05		(*)	CXL	2013	46		2014	

267 Imazapyr

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–3 mg/kg bw (2013)

ARfD: Unnecessary (2013)

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant and animal commodities: Imazapyr. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.7			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	0.05	(dw)		CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.2			CXL	2015	48		2016	
PE 0112	Eggs	0.01	(*)		CXL	2013	46		2014	
AS 0162	Hay or fodder (dry) of grasses	6			CXL	2015	48		2016	
VD 0533	Lentil (dry)	0.3			CXL	2013	46		2014	
GC 0645	Maize	0.05	(*)		CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.05	(*)		CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(*)		CXL	2013	46		2014	
ML 0106	Milks	0.01	(*)		CXL	2013	46		2014	
PF 0111	Poultry fats	0.01	(*)		CXL	2013	46		2014	
PM 0110	Poultry meat	0.01	(*)		CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	2013	46		2014	
SO 0495	Rape seed	0.05	(*)		CXL	2013	46		2014	
VD 0541	Soya bean (dry)	5			CXL	2015	48		2016	
SO 0702	Sunflower seed	0.08			CXL	2013	46		2014	
GC 0654	Wheat	0.05	(*)		CXL	2013	46		2014	
AS 0654	Wheat straw and fodder, Dry	0.05	(*)		CXL	2013	46		2014	

268 Isoxaflutole

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.02 mg/kg bw (2013)

ARfD: Unnecessary (2013)

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

For compliance with the MRL) for animal commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

For estimation of dietary intake) for animal commodities: sum of isoxaflutole, isoxaflutole diketonitrile, RPA 205834

(2-aminomethylene-1-cyclopropyl-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione) and RPA 207048

(1-cyclopropyl-2-hydroxymethylene-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione), including their conjugates, expressed as isoxaflutole.

The residue not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0524	Chick-pea (dry)	0.01	(*)	CXL	2013	46		2014	
AL 0524	Chick-pea fodder	0.01	(*)	CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.1		CXL	2013	46		2014	
PE 0112	Eggs	0.01	(*)	CXL	2013	46		2014	
GC 0645	Maize	0.02	(*)	CXL	2013	46		2014	
AS 0645	Maize fodder (dry)	0.02	(*)	CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)	CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)	CXL	2013	46		2014	
ML 0106	Milks	0.01	(*)	CXL	2013	46		2014	
SO 0698	Poppy seed	0.02	(*)	CXL	2013			2014	
PF 0111	Poultry fats	0.01	(*)	CXL	2013	46		2014	
PM 0110	Poultry meat	0.01	(*)	CXL	2013			2014	
PO 0111	Poultry, Edible offal of	0.2		CXL	2013	46		2014	
GS 0659	Sugar cane	0.01	(*)	CXL	2013	46		2014	
AM 0659	Sugar cane fodder	0.01	(*)	CXL	2013	46		2014	
VO 0447	Sweet corn (corn-on-the-cob)	0.02	(*)	CXL	2013	46		2014	

269 Tolfenpyrad

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.006 mg/kg bw (2013)

ARfD: 0.01 mg/kg bw (2013)

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

For compliance with the MRL and estimation of dietary intake) for animal commodities: sum of tolfe n pyrad, and free and conjugated PT-CA

(4-[4-[(4-chloro-3-ethyl-1-methylpyrazol-5-yl)carbonylamino methyl]phenoxy]benzoic acid_ and OH-PT-CA (4-[4-[[4-chloro-3(1-hydroxyethyl)

-1-methylpyrazol-5-yl]carbonylamino methyl]phenoxy] benzoic acid) (released with alkaline hydrolysis) expressed as tolfe n pyrad.

The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0672 Pecan	0.01 (*)			CXL	2016	49		2017	
VR	0589 Potato	0.01 (*)			CXL	2016	49		2017	
DT	1116 Tea, green	30			CXL	2013	46		2014	

270 Triflumizole

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.04 mg/kg bw (2013)

ARfD: 0.3 mg/kg bw (2013)

Residue: For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: Residues analysed as 4-chloro-2-(trifluoromethyl)aniline and expressed as parent triflumizole. The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0013	Cherries	4			CXL	2013	46		2014	
VC 0424	Cucumber	0.5			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.1			CXL	2013	46		2014	
FB 0269	Grapes	3			CXL	2013	46		2014	
DH 1100	Hops, Dry	30			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.03		(fat)	CXL	2013	46		2014	
ML 0106	Milks	0.02		(*)	CXL	2013	46		2014	
FI 0350	Papaya	2			CXL	2013	46		2014	

271 Trinexapac-ethyl

Main Uses: Plant growth regulator

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.3 mg/kg bw (2013)

ARfD: Unnecessary (2013)

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for animal commodities: Trinexapac (acid).

For estimation of dietary intake for plant commodities: Trinexapac and its conjugates, expressed as trinexapac acid.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	3			CXL	2013	46		2014	
CF 0640	Barley bran, processed	6			CXL	2013	46		2014	
AS 0640	Barley straw and fodder, Dry	0.9	dry wt		CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.1			CXL	2013	46		2014	
PE 0112	Eggs	0.01		(*)	CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2013	46		2014	
ML 0106	Milks	0.005		(*)	CXL	2013	46		2014	
AS 0647	Oat straw and fodder, Dry	0.9	dry wt		CXL	2013	46		2014	
GC 0647	Oats	3			CXL	2013	46		2014	
PF 0111	Poultry fats	0.01		(*)	CXL	2013	46		2014	
PM 0110	Poultry meat	0.01		(*)	CXL	2013	46		2014	
PO 0111	Poultry, Edible offal of	0.05			CXL	2013	46		2014	
SO 0495	Rape seed	1.5			CXL	2013	46		2014	
GS 0659	Sugar cane	0.5			CXL	2013	46		2014	
GC 0653	Triticale	3			CXL	2013	46		2014	
AS 0653	Triticale straw and fodder, Dry	0.9	dry wt		CXL	2013	46		2014	
GC 0654	Wheat	3			CXL	2013	46		2014	
CM 0654	Wheat bran, Unprocessed	8			CXL	2013	46		2014	
AS 0654	Wheat straw and fodder, Dry	0.9	dry wt		CXL	2013	46		2014	

272 Aminocyclopyrachlor

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-3 mg/kg bw (2014)

ARfD: Unnecessary (2014)

Residue: For compliance with MRL and estimation of dietary intake for animal and plant commodities: Aminocyclopyrachlor. The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.3			CXL	2014	47		2015	
AS 0162	Hay or fodder (dry) of grasses	150			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2014	47		2015	
ML 0106	Milks	0.02			CXL	2014	47		2015	

273 Cyflumetofen

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2014)

ARfD: Unnecessary (2014)

Residue: For compliance with the MRL for plant commodities: Cyflumetofen.

For estimation of dietary intake) for plant commodities: Sum of cyflumetofen and 2-trifluoromethylbenzoic acid, expressed as cyflumetofen.

For compliance with the MRL and estimation of dietary intake) for animal commodities: Sum of cyflumetofen and 2-trifluoromethylbenzoic acid, expressed as cyflumetofen.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	4			CXL	2014	47		2015	
FC 0001	Citrus fruits	0.3			CXL	2014	47		2015	
OR 0001	Citrus oil, edible	36			CXL	2014	47		2015	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1.5			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.02			CXL	2014	47		2015	
FB 0269	Grapes	0.6			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2014	47		2015	
ML 0106	Milks	0.01		(*)	CXL	2014	47		2015	
FP 0009	Pome fruits	0.4			CXL	2014	47		2015	
FB 0275	Strawberry	0.6			CXL	2014	47		2015	
VO 0448	Tomato	0.3			CXL	2014	47		2015	
TN 0085	Tree nuts	0.01		(*)	CXL	2014	47		2015	

274 Dichlobenil

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.01 mg/kg bw (2014)

ARfD: 0.5 mg/kg bw (2014)

Residue: For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: 2,6-dichlorobenzamide. The residue is not fat-soluble.

Note: BAM = 2,6-dichlorobenzamide = fluopicolide. ADI: 0-0.05 mg/kg bw(2014); ARfD: 0.3 mg/kg bw(2014). Based on a re-evaluation of the data, the Meeting withdrew the ADI and ARfD established by the 2009 JMPR as part of the evaluation of fluopicolide.

ARfDs for Dichlobenil and BAM apply to women of childbearing age only.

FL = indicates values estimated to accommodate residues of 2,6-dichlorobenzamide arising from fluopicolide use.

D = indicates values estimated to accommodate residues of 2,6-dichlorobenzamide arising from dichlobenil use.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.05	FL		CXL	2014	47		2015	
FB 2005	Cane berries	0.2	D		CXL	2014	47		2015	
VS 0624	Celery	0.07	FL		CXL	2014	47		2015	
GC 0080	Cereal grains	0.01 (*)	FL		CXL	2014	47		2015	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.15	FL		CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.04	FL		CXL	2014	47		2015	
PE 0112	Eggs	0.03	FL		CXL	2014	47		2015	
VO 0050	Fruiting vegetables other than cucurbits	0.01 (*)	FL	(except sweetcorn and mushrooms)	CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	0.01 (*)	FL		CXL	2014	47		2015	
JF 0269	Grape juice	0.07	FL		CXL	2014	47		2015	
FB 0269	Grapes	0.05	FL		CXL	2014	47		2015	
VL 0053	Leafy vegetables	0.3	FL		CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)	FL		CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)	FL		CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)	FL		CXL	2014	47		2015	
VA 0385	Onion, Bulb	0.01 (*)	FL		CXL	2014	47		2015	
VA 0387	Onion, Welsh	0.02	FL		CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	0.01 (*)	FL		CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF	0111 Poultry fats	0.02	FL		CXL	2014	47		2015	
PM	0110 Poultry meat	0.03	FL		CXL	2014	47		2015	
PO	0111 Poultry, Edible offal of	0.1	FL		CXL	2014	47		2015	
VD	0070 Pulses	0.01 (*)	FL		CXL	2014	47		2015	
AS	0081 Straw and fodder (dry) of cereal grains	0.4	FL		CXL	2014	47		2015	

275 Flufenoxuron

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.04 mg/kg bw (2014)

ARfD: Unnecessary (2014)

Residue: For compliance with the MRL and for estimation of dietary intake for animal and plant commodities: Flufenoxuron. The residue is fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	2014	47		2015	
MF	0100	Mammalian fats (except milk fats)	0.05	(*)	CXL	2014	47		2015	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*)	CXL	2014	47		2015	
ML	0106	Milks	0.01	(*)	CXL	2014	47		2015	
FC	0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.4		CXL	2014	47		2015	
DT	1114	Tea, Green, Black (black, fermented and dried)	20		CXL	2014	47		2015	

276 Imazamox

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-3 mg/kg bw (2014)

ARfD: 3 mg/kg bw (2014)

Residue: For compliance with the MRL) for plant and animal commodities: Imazamox.

For estimation of dietary exposure) for plant and animal commodities: Sum of imazamox and 5-(hydroxymethyl)-2-(4-isopropyl-4-methyl-5-oxo-2-imazazolin-2-yl) nicotinic acid (CL 263284), expressed as imazamox.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	0.1 (*)			CXL	2014	47		2015	
GC 0640	Barley	0.02			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	0.05 (dw)			CXL	2017	50		2018	
VD 0071	Beans (dry)	0.05 (*)			CXL	2014	47		2015	
VP 0061	Beans, except broad bean and soya bean	0.05 (*)			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2014	47		2015	
PE 0112	Eggs	0.01 (*)			CXL	2014	47		2015	
VD 0533	Lentil (dry)	0.2			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)			CXL	2014	47		2015	
AL 0072	Pea hay or pea fodder (dry)	0.05 (*)			CXL	2014	47		2015	
SO 0697	Peanut	0.01 (*)			CXL	2014	47		2015	
VD 0072	Peas (dry)	0.05 (*)			CXL	2014	47		2015	
VP 0064	Peas, Shelled (succulent seeds)	0.05 (*)			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01 (*)			CXL	2014	47		2015	
PM 0110	Poultry meat	0.01 (*)			CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	2014	47		2015	
SO 0495	Rape seed	0.05 (*)			CXL	2014	47		2015	
GC 0649	Rice	0.01 (*)			CXL	2014	47		2015	
AS 0649	Rice straw and fodder, Dry	0.01 (*)			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	0541	Soya bean fodder	0.01	(*)	CXL	2014	47		2015	
SO	0702	Sunflower seed	0.3		CXL	2014	47		2015	
GC	0654	Wheat	0.05	(*)	CXL	2014	47		2015	
CM	0654	Wheat bran, Unprocessed	0.2		CXL	2014	47		2015	
CF	1210	Wheat germ	0.1		CXL	2014	47		2015	
AS	0654	Wheat straw and fodder, Dry	0.05	(*)	CXL	2014	47		2015	

277 Mesotrione

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.5 mg/kg bw (2014)

ARfD: Unnecessary (2014)

Residue: For compliance with MRL and for estimation of dietary intake for animal and plant commodities: Mesotrione. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.01 (*)			CXL	2014	47		2015	
FB 2006	Bush berries	0.01 (*)			CXL	2014	47		2015	
FB 2005	Cane berries	0.01 (*)			CXL	2014	47		2015	
FB 0265	Cranberry	0.01 (*)			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2014	47		2015	
PE 0112	Eggs	0.01 (*)			CXL	2014	47		2015	
SO 0693	Linseed	0.01 (*)			CXL	2014	47		2015	
GC 0645	Maize	0.01 (*)			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)			CXL	2014	47		2015	
GC 0646	Millet (Including Barnyard Millet, Bulrush Millet, Common Millet, Finger Millet, Foxtail Millet, Little Millet)	0.01 (*)			CXL	2014	47		2015	
GC 0647	Oats	0.01 (*)			CXL	2014	47		2015	
VO 0442	Okra	0.01 (*)			CXL	2014	47		2015	
PM 0110	Poultry meat	0.01 (*)			CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	2014	47		2015	
VS 0627	Rhubarb	0.01 (*)			CXL	2014	47		2015	
CM 0649	Rice, Husked	0.01 (*)			CXL	2014	47		2015	
GC 0651	Sorghum	0.01 (*)			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.03			CXL	2014	47		2015	
GS 0659	Sugar cane	0.01			CXL	2014	47		2015	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2014	47		2015	

278 Metrafenone

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.3 mg/kg bw (2014)

ARfD: Unnecessary (2014)

Residue: For compliance with the MRL and estimation of dietary intake for plant and animal commodities: Metrafenone. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.5			CXL	2014	47		2015	
AS 0640	Barley straw and fodder, Dry	6	(dw)		CXL	2014	47		2015	
FS 0013	Cherries	2			CXL	2016	49		2017	
DF 0269	Dried grapes (=currants, raisins and sultanas)	20			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01			CXL	2014	47		2015	
VO 0440	Egg plant	0.6			CXL	2016	49		2017	
PE 0112	Eggs	0.01		(*)	CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits	0.5			CXL	2016	49		2017	
FB 0269	Grapes	5			CXL	2014	47		2015	
DH 1100	Hops, Dry	70			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2014	47		2015	
ML 0106	Milks	0.01		(*)	CXL	2014	47		2015	
VO 0450	Mushrooms	0.5			CXL	2014	47		2015	
AS 0647	Oat straw and fodder, Dry	6	(dw)		CXL	2014	47		2015	
GC 0647	Oats	0.5			CXL	2014	47		2015	
FS 2001	Peaches (including Apricots and Nectarine)	0.7			CXL	2016	49		2017	
VO 0444	Peppers Chili	2			CXL	2016	49		2017	
HS 0444	Peppers Chili, dried	20			CXL	2016	49		2017	
VO 0445	Peppers, sweet (including pimento or pimienta)	2			CXL	2016	49		2017	
FP 0009	Pome fruits	1			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01		(*)	CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM	0110 Poultry meat	0.01 (*)			CXL	2014	47		2015	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	2014	47		2015	
GC	0650 Rye	0.06			CXL	2014	47		2015	
AS	0650 Rye straw and fodder, Dry	10	(dw)		CXL	2014	47		2015	
FB	0275 Strawberry	0.6			CXL	2014	47		2015	
VO	0448 Tomato	0.6			CXL	2016	49		2017	
GC	0653 Triticale	0.06			CXL	2014	47		2015	
AS	0653 Triticale straw and fodder, Dry	10	(dw)		CXL	2014	47		2015	
GC	0654 Wheat	0.06			CXL	2014	47		2015	
CF	0654 Wheat bran, Processed	0.25			CXL	2014	47		2015	
AS	0654 Wheat straw and fodder, Dry	10	(dw)		CXL	2014	47		2015	
CF	1212 Wheat wholemeal	0.08			CXL	2014	47		2015	

279 Pymetrozine

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2014)

ARfD: 0.1 mg/kg bw (2014)

Residue: For compliance with MRL for plant commodities, mammalian tissues, poultry tissues and eggs: Pymetrozine.

For compliance with MRL) for milks: CGA313124 (4,5-dihydro-6-hydroxymethyl-4-[(3-pyridinyl-methylene)amino]-1,2,4-triazine-3(2H)-one).

For the estimation of dietary intake) for plant and animal commodities: A conclusion could not be reached.

The residue is not fat-soluble.

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

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.01 mg/kg bw (2015)

ARfD: 1 mg/kg bw (2015)

Residue: For compliance with MRL and for estimation of dietary intake for animal and plant commodities: Sum of compounds hydrolysable with base to 2-ethyl-6-methylaniline (EMA) and 2-(1-hydroxyethyl)-6-methylaniline (HEMA), expressed in terms of acetochlor. The residue is not fat-soluble.

Note: CCPR noted that USA had submitted a concern form requesting a review of the soya bean MRL decision and that this would be reconsidered by the 2016 JMPR. (48:97)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.04		(*)	CXL	2015	48		2016	
AS 0640	Barley straw and fodder, Dry	0.3			CXL	2015	48		2016	
VP 0061	Beans, except broad bean and soya bean	0.02		(*)	CXL	2015	48		2016	
VD 0523	Broad bean (dry)	0.15			CXL	2015	48		2016	
GC 0641	Buckwheat	0.04		(*)	CXL	2015	48		2016	
AS 0641	Buckwheat fodder	0.3			CXL	2015	48		2016	
VD 0524	Chick-pea (dry)	0.15			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.02		(*)	CXL	2015	48		2016	
PE 0112	Eggs	0.02		(*)	CXL	2015	48		2016	
VD 0531	Hyacinth bean (dry)	0.15			CXL	2015	48		2016	
AL 0157	Legume animal feeds	3			CXL	2015	48		2016	
VD 0533	Lentil (dry)	0.15			CXL	2015	48		2016	
VD 0545	Lupin (dry)	0.15			CXL	2015	48		2016	
GC 0645	Maize	0.02			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.02		(*)	CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(*)	CXL	2015	48		2016	
ML 0106	Milks	0.02		(*)	CXL	2015	48		2016	
GC 0646	Millet (Including Barnyard Millet, Bulrush Millet, Common Millet, Finger Millet, Foxtail Millet, Little Millet)	0.04		(*)	CXL	2015	48		2016	
AS 0646	Millet fodder, dry	0.3			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0647	Oat straw and fodder, Dry	0.3		CXL	2015	48		2016	
GC	0647	Oats	0.04	(*)	CXL	2015	48		2016	
VD	0072	Peas (dry)	0.02	(*)	CXL	2015	48		2016	
VD	0537	Pigeon pea (dry)	0.15		CXL	2015	48		2016	
VR	0589	Potato	0.04	(*)	CXL	2015	48		2016	
PM	0110	Poultry meat	0.02	(*)	CXL	2015	48		2016	
PO	0111	Poultry, Edible offal of	0.02	(*)	CXL	2015	48		2016	
GC	0650	Rye	0.04	(*)	CXL	2015	48		2016	
AS	0650	Rye straw and fodder, Dry	0.3		CXL	2015	48		2016	
VR	0596	Sugar beet	0.15		CXL	2015	48		2016	
AV	0596	Sugar beet leaves or tops(dry)	3		CXL	2015	48		2016	
DM	0596	Sugar beet molasses	0.3		CXL	2015	48		2016	
AB	0596	Sugar beet pulp, Dry	0.3		CXL	2015	48		2016	
SO	0702	Sunflower seed	0.04	(*)	CXL	2015	48		2016	
VO	0447	Sweet corn (corn-on-the-cob)	0.04		CXL	2015	48		2016	
AS	0447	Sweet corn fodder	1.5		CXL	2015	48		2016	
GC	0657	Teosinte	0.04	(*)	CXL	2015	48		2016	
AS	0657	Teosinte fodder	0.3		CXL	2015	48		2016	
GC	0653	Triticale	0.04	(*)	CXL	2015	48		2016	
GC	0654	Wheat	0.02	(*)	CXL	2015	48		2016	
AS	0654	Wheat straw and fodder, Dry	0.2		CXL	2015	48		2016	
GC	0655	Wild rice	0.04	(*)	CXL	2015	48		2016	

281 Cyazofamid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.2 mg/kg bw (2015)

ARfD: Unnecessary (2015)

Residue: For compliance with the MRLs for plant commodities: Cyazofamid.

For estimating long-term dietary intake from plant commodities: Cyazofamid plus CCIM, expressed as cyazofamid.

For estimating short-term dietary intake from plant commodities (to be compared to the ARfD for CCIM; an ARfD was determined to be unnecessary for cyazofamid): CCIM.

For compliance with the MRLs and for dietary intake for animal commodities: Not defined.

Note: CCIM metabolite

ADI: 0–0.2 mg/kg bw

ARfD: 0.2 mg/kg bw

Cyazofamid + CCIM (long-term only). CCIM (short-term only).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans, except broad bean and soya bean	0.4			CXL	2015	48		2016	
VP 0062	Beans, Shelled	0.07			CXL	2015	48		2016	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1.5			CXL	2015	48		2016	
VA 2031	Bulb onions	1.5			3	2018	51			
VO 0440	Egg plant	0.2			CXL	2015	48		2016	
VC 0045	Fruiting vegetables, cucurbits	0.09			CXL	2015	48		2016	
FB 0269	Grapes	1.5			CXL	2015	48		2016	
VA 2032	Green onions	6			3	2018	51			
DH 1100	Hops, Dry	15			CXL	2015	48		2016	
VL 0053	Leafy vegetables	10		(except brassica leafy vegetables)	CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae	15			CXL	2015	48		2016	
VO 0444	Peppers Chili	0.8			CXL	2015	48		2016	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.4			CXL	2015	48		2016	
VR 0589	Potato	0.01		(*)	CXL	2015	48		2016	
VO 0448	Tomato	0.2			CXL	2015	48		2016	

282 Flonicamid

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.07 mg/kg bw (2015)

ARfD: Unnecessary (2015)

Residue: For compliance with MRLs and estimation for estimation of dietary exposure) for plant commodities: Flonicamid.

For compliance with MRLs and estimation of dietary exposure) for animal commodities: Flonicamid and the metabolite TFNA-AM, expressed as flonicamid.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	9			CXL	2015, 2016	48,49		2017	
TN 0660	Almonds	0.01 (*)			CXL	2015, 2016	48,49		2017	
VP 2060	Beans with pods	0.7		(except soya bean succulent seweds in pods)	CXL	2017	50		2018	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	2015, 2016	48,49		2017	
VS 0624	Celery	1.5			CXL	2015	48		2016	
FS 0013	Cherries	0.9			CXL	2015	48		2016	
SO 0691	Cotton seed	0.6			CXL	2015	48		2016	
VD 2065	Dry beans	0.15		(except soya bean (dry))	CXL	2017	50		2018	
VD 2066	Dry peas	1			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.2			CXL	2016	49		2017	
PE 0112	Eggs	0.15			CXL	2016	49		2017	
VO 0050	Fruiting vegetables other than cucurbits	0.4		(except mushrooms and sweet corn)	CXL	2015	48		2016	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2015	48		2016	
DH 1100	Hops, Dry	20			CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae	15			CXL	2015, 2016	48,49		2017	
VL 0482	Lettuce, Head	1.5			CXL	2015	48		2016	
VL 0483	Lettuce, Leaf	8			CXL	2015	48		2016	
FB 2009	Low growing berries	1.5			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2016	49		2017	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.15			CXL	2016	49		2017	
ML 0106	Milks	0.15			CXL	2016	49		2017	
HH 0738	Mints	6			CXL	2015	48		2016	
FS 2001	Peaches (including Apricots and Nectarine)	0.7			CXL	2015	48		2016	
VP 2061	Peas with pods	0.8			CXL	2017	50		2018	
TN 0672	Pecan	0.01		(*)	CXL	2015	48		2016	
FS 0014	Plums (including fresh prunes)	0.1			CXL	2015	48		2016	
FP 0009	Pome fruits	0.8			CXL	2015	48		2017	
VR 0589	Potato	0.015			CXL	2015	48		2017	
PF 0111	Poultry fats	0.05			CXL	2016	49		2017	
PM 0110	Poultry meat	0.1			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.1			CXL	2016	49		2017	
VR 0494	Radish	0.4			CXL	2015	48		2016	
VL 0494	Radish leaves (including radish tops)	20			CXL	2015	48		2016	
SO 0495	Rape seed	0.5			CXL	2015	48		2017	
VL 0502	Spinach	20			CXL	2015	48		2016	
VP 2062	Succulent beans without pods,	0.3		(except soya bean succulent seeds)	CXL	2017	50		2018	
VP 2063	Succulent peas without pods	0.4			CXL	2017	50		2018	
VW 0448	Tomato paste	7			CXL	2015	48		2016	
GC 0654	Wheat	0.08			CXL	2015	48		2017	
AS 0654	Wheat straw and fodder, Dry	0.3			CXL	2015, 2016	48,49		2017	

283 Fluazifop-p-butyl

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.004 mg/kg bw (2016)

ARfD: 0.4 mg/kg bw (2016)

Residue: For compliance with MRLs for plant commodities: total fluazifop, defined as the sum of fluazifop-P-butyl, fluazifop-P-acid (II) and their conjugates, expressed as fluazifop-P-acid.

For dietary risk assessment for plant commodities: the sum of fluazifop-P-butyl, fluazifop-P-acid (II), 2-[4-(3-hydroxy-5-trifluoromethyl-2-phenoxy)pyridyloxy] propionic acid (XL), 5-trifluoromethyl-2-pyridone (X) and their conjugates, expressed as fluazifop-P-acid.

For compliance with MRLs and for dietary risk assessment) for animal commodities: total fluazifop, defined as the sum of fluazifop-P-butyl, fluazifop-P-acid (II) and their conjugates, expressed as fluazifop-P-acid.

The residue is fat-soluble.

Note: The information provided to JMPR precludes an estimate that the dietary exposure would be below the ADI.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.01		(*)	CXL	2016	49		2017	
FI 0327	Banana	0.01		(*)	CXL	2016	49		2017	
AL 0061	Bean fodder	7		(dw)	CXL	2016	49		2017	
VD 0071	Beans (dry)	40			CXL	2016	49		2017	
VP 0061	Beans, except broad bean and soya bean	6			CXL	2016	49		2017	
VB 0041	Cabbages, Head	3			CXL	2016	49		2017	
FB 2005	Cane berries	0.01		(*)	CXL	2016	49		2017	
VR 0577	Carrot	0.6			CXL	2016	49		2017	
VR 0578	Celeriac	0.4			CXL	2016	49		2017	
FC 0001	Citrus fruits	0.01		(*)	CXL	2016	49		2017	
AB 0001	Citrus pulp, Dry	0.06		(*)	CXL	2016	49		2017	
SB 0716	Coffee beans	0.01		(*)	CXL	2016	49		2017	
SO 0691	Cotton seed	0.7			CXL	2016	49		2017	
FB 0021	Currants, black, red, white	0.01		(*)	CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.2			CXL	2016	49		2017	
VO 0440	Egg plant	0.4			CXL	2016	49		2017	
PE 0112	Eggs	0.03			CXL	2016	49		2017	
VD 0561	Field pea (dry)	3			CXL	2016	49		2017	
AM 1051	Fodder beet	0.5			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0381	Garlic	0.3		CXL	2016	49		2017	
FB	0268	Gooseberry	0.01	(*)	CXL	2016	49		2017	
FB	0269	Grapes	0.01	(*)	CXL	2016	49		2017	
VL	0483	Lettuce, Leaf	0.01	(*)	CXL	2016	49		2017	
GC	0669	Macadamia nuts	0.01	(*)	CXL	2016	49		2017	
MF	0100	Mammalian fats (except milk fats)	0.09		CXL	2016	49		2017	
MM	0095	Meat (from mammals other than marine mammals)	0.09	(fat)	CXL	2016	49		2017	
ML	0106	Milks	0.2		CXL	2016	49		2017	
SO	0305	Olives for oil production	0.01	(*)	CXL	2016	49		2017	
VA	0385	Onion, Bulb	0.3		CXL	2016	49		2017	
OR	0004	Orange oil, edible	0.05	(*)	CXL	2016	49		2017	
VP	0063	Peas (pods and succulent=immature seeds)	2		CXL	2016	49		2017	
VP	0064	Peas, Shelled (succulent seeds)	15		CXL	2016	49		2017	
TN	0672	Pecan	0.01	(*)	CXL	2016	49		2017	
FP	0009	Pome fruits	0.01	(*)	CXL	2016	49		2017	
VR	0589	Potato	0.6		CXL	2016	49		2017	
PF	0111	Poultry fats	0.03		CXL	2016	49		2017	
PM	0110	Poultry meat	0.03		CXL	2016	49		2017	
PO	0111	Poultry, Edible offal of	0.09		CXL	2016	49		2017	
VA	0388	Shallot	0.3		CXL	2016	49		2017	
VD	0541	Soya bean (dry)	15		CXL	2016	49		2017	
AL	0541	Soya bean fodder	4	(dw)	CXL	2016	49		2017	
FS	0012	Stone fruits	0.01	(*)	CXL	2016	49		2017	
FB	0275	Strawberry	0.3		CXL	2016	49		2017	
VR	0596	Sugar beet	0.5		CXL	2016	49		2017	
DM	0596	Sugar beet molasses	7		CXL	2016	49		2017	
AB	0596	Sugar beet pulp, Dry	20		CXL	2016	49		2017	
GS	0659	Sugar cane	0.01	(*)	CXL	2016	49		2017	
SO	0702	Sunflower seed	7		CXL	2016	49		2017	
VR	0497	Swede	4		CXL	2016	49		2017	
FT	0305	Table Olives	0.01	(*)	CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0448	Tomato	0.4			CXL	2016	49		2017	
VR 0506	Turnip, Garden	4			CXL	2016	49		2017	
TN 0678	Walnuts	0.01 (*)			CXL	2016	49		2017	

284 Flumioxazin

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.02 mg/kg bw (2015)

ARfD: 0.03 mg/kg bw (for women of child-bearing age) (2015)

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

Note: ARfD: Unnecessary (for the general population)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	3 (dw)			CXL	2015	48		2016	
VS 0620	Artichoke, globe	0.02 (*)			CXL	2015	48		2016	
VS 0621	Asparagus	0.02			CXL	2015	48		2016	
VD 0071	Beans (dry)	0.07			CXL	2015	48		2016	
FB 2006	Bush berries	0.02 (*)			CXL	2015	48		2016	
VB 0041	Cabbages, Head	0.02 (*)			CXL	2015	48		2016	
VD 0524	Chick-pea (dry)	0.07			CXL	2015	48		2016	
SO 0691	Cotton seed	0.01			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2015	48		2016	
PE 0112	Eggs	0.02 (*)			CXL	2015	48		2016	
VO 0050	Fruiting vegetables other than cucurbits	0.02 (*)		(except sweet corn and mushrooms)	CXL	2015	48		2016	
VC 0045	Fruiting vegetables, cucurbits	0.02 (*)			CXL	2015	48		2016	
FB 0269	Grapes	0.02 (*)			CXL	2015	48		2016	
AS 0162	Hay or fodder (dry) of grasses	0.02 (*)		Wheat hay	CXL	2015	48		2016	
VD 0533	Lentil (dry)	0.07			CXL	2015	48		2016	
VD 0545	Lupin (dry)	0.07			CXL	2015	48		2016	
GC 0645	Maize	0.02 (*)			CXL	2015	48		2016	
AS 0645	Maize fodder (dry)	0.02 (*)			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2015	48		2016	
ML 0106	Milks	0.02 (*)			CXL	2015	48		2016	
HH 0738	Mints	0.02			CXL	2015	48		2016	
VA 0385	Onion, Bulb	0.02 (*)			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0697 Peanut	0.02 (*)			CXL	2015	48		2016	
VD	0072 Peas (dry)	0.07			CXL	2015	48		2016	
FP	0009 Pome fruits	0.02 (*)			CXL	2015	48		2016	
FI	0355 Pomegranate	0.02 (*)			CXL	2015	48		2016	
VR	0589 Potato	0.02 (*)			CXL	2015	48		2016	
PF	0111 Poultry fats	0.02 (*)			CXL	2015	48		2016	
PM	0110 Poultry meat	0.02 (*)			CXL	2015	48		2016	
PO	0111 Poultry, Edible offal of	0.02 (*)			CXL	2015	48		2016	
VD	0541 Soya bean (dry)	0.02 (*)			CXL	2015	48		2016	
FS	0012 Stone fruits	0.02 (*)			CXL	2015	48		2016	
SO	0702 Sunflower seed	0.5			CXL	2015	48		2016	
VR	0508 Sweet potato	0.02 (*)			CXL	2015	48		2016	
FT	0305 Table Olives	0.02 (*)			CXL	2015	48		2016	
TN	0085 Tree nuts	0.02 (*)			CXL	2015	48		2016	
GC	0654 Wheat	0.4			CXL	2015	48		2016	
AS	0654 Wheat straw and fodder, Dry	7 (dw)			CXL	2015	48		2016	

285 Flupyradifurone

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.08 mg/kg bw (2015)

ARfD: 0.2 mg/kg bw (2015)

Residue: For compliance with the MRL) for plant commodities: Flupyradifurone.

For estimation of dietary exposure) for plant commodities: Sum of flupyradifurone, difluoroacetic acid and 6-chloronicotinic acid, expressed as parent equivalents.

For compliance with the MRL and for estimation of dietary exposure) for animal commodities: Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 3350	Alfalfa hay	30	(dw)		CXL	2016	49		2017	
DF 0226	Apples, dried	2			CXL	2016	49		2017	
AL 3351	Bean hay	30			CXL	2016	49		2017	
VD 0071	Beans (dry)	0.4			CXL	2016	49		2017	
VP 0061	Beans, except broad bean and soya bean	1.5		(green pods and immature seeds)	CXL	2016	49		2017	
VP 0062	Beans, Shelled	0.2		(succulent = immature seeds)	CXL	2016	49		2017	
VA 0036	Bulb vegetables, except fennel, bulb	0.01	(*)		CXL	2016	49		2017	
FB 2006	Bush berries	4			CXL	2016	49		2017	
VB 0041	Cabbages, Head	1.5			CXL	2016	49		2017	
VB 0404	Cauliflower	6			CXL	2016	49		2017	
GC 0080	Cereal grains	3		(except maize and rice)	CXL	2016	49		2017	
FS 0013	Cherries	2			CXL	2017	50		2018	
SO 0691	Cotton seed	0.8			CXL	2016	49		2017	
VC 0424	Cucumber	0.4			CXL	2016	49		2017	
DF 0269	Dried grapes (=currants, raisins and sultanas)	8			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	4			CXL	2016	49		2017	
PE 0112	Eggs	0.7			CXL	2016	49		2017	
FB 0269	Grapes	3			CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0002	Lemons and limes (including citron)	1.5			CXL	2016	49		2017	
VL 0482	Lettuce, Head	4			CXL	2016	49		2017	
GC 0645	Maize	0.015			CXL	2016	49		2017	
AS 3490	Maize bran, unprocessed	0.05			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	1			CXL	2016	49		2017	
FC 0003	Mandarins (including mandarin-like hybrids)	1.5			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	1.5			CXL	2016	49		2017	
VC 0046	Melons, except watermelon	0.4			CXL	2016	49		2017	
ML 0106	Milks	0.7			CXL	2016	49		2017	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	4			CXL	2016	49		2017	
AL 3353	Pea hay	50	(dw)		CXL	2016	49		2017	
FS 2001	Peaches (including Apricots and Nectarine)	1.5			CXL	2017	50		2018	
SO 0697	Peanut	0.04			CXL	2016	49		2017	
AL 3352	Peanut hay	30	(dw)		CXL	2016	49		2017	
VD 0072	Peas (dry)	3			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	3			CXL	2016	49		2017	
VP 0064	Peas, Shelled (succulent seeds)	3			CXL	2016	49		2017	
TN 0672	Pecan	0.015			CXL	2016	49		2017	
VO 0051	Peppers	0.9			CXL	2016	49		2017	
HS 0444	Peppers Chili, dried	9			CXL	2016	49		2017	
FS 0014	Plums (including fresh prunes)	0.4			CXL	2017	50		2018	
FP 0009	Pome fruits	0.9			CXL	2016	49		2017	
VR 0589	Potato	0.05			CXL	2016	49		2017	
PF 0111	Poultry fats	0.3			CXL	2016	49		2017	
PM 0110	Poultry meat	0.8			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	1			CXL	2016	49		2017	
DF 0014	Prunes, dried	3			CXL	2017	50		2018	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0005	Pummelo and Grapefruits, (including Shaddock-like hybrids, among others Grapefruit)	0.7			CXL	2016	49		2017	
VR 0075	Root and tuber vegetables	0.7		(except potato)	CXL	2016	49		2017	
VD 0541	Soya bean (dry)	1.5			CXL	2016	49		2017	
AL 3354	Soya bean hay	40	(dw)		CXL	2016	49		2017	
VC 0431	Squash, summer	0.2			CXL	2016	49		2017	
AS 0081	Straw and fodder (dry) of cereal grains	40	(dw)		CXL	2016	49		2017	
FB 0275	Strawberry	1.5			CXL	2016	49		2017	
VO 0447	Sweet corn (corn-on-the-cob)	0.05			CXL	2016	49		2017	
VR 0508	Sweet potato	0.05			CXL	2016	49		2017	
VO 0448	Tomato	1			CXL	2016	49		2017	
CM 0654	Wheat bran, Unprocessed	8			CXL	2016	49		2017	
CF 1210	Wheat germ	5			CXL	2016	49		2017	
CF 1212	Wheat wholemeal	5			CXL	2016	49		2017	

286 Lufenuron

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.02 mg/kg bw (2015)

ARfD: Unnecessary (2015)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Lufenuron. The residue fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SB 0716	Coffee beans	0.07			3	2018	51			
VC 0424	Cucumber	0.09			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.04			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.15			3	2018	51			
PE 0112	Eggs	0.02			CXL	2015	48		2016	
FC 0205	Lime	0.4			3	2018	51			
GC 0645	Maize	0.01			3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.7			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	2			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.7			CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		3	2018	51			
VC 0046	Melons, except watermelon	0.4			CXL	2015	48		2016	
FM 0183	Milk fats	2			CXL	2015	48		2016	
FM 0183	Milk fats	5			3	2018	51			
ML 0106	Milks	0.1			CXL	2015	48		2016	
ML 0106	Milks	0.15			3	2018	51			
OR 0004	Orange oil, edible	8			3	2018	51			
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	0.3			3	2018	51			
VO 0445	Peppers, sweet (including pimento or pimienta)	0.8			CXL	2015	48		2012	
VR 0589	Potato	0.01	(*)		CXL	2015	48		2016	
PF 0111	Poultry fats	0.04			CXL	2015	48		2016	
PM 0110	Poultry meat	0.02			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, Edible offal of	0.02 (fat)			CXL	2015	48		2016	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2015	48		2016	
VO 0448	Tomato	0.4			CXL	2015	48		2016	

287 Quinclorac

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.4 mg/kg bw (2015)

ARfD: 2 mg/kg bw (2015)

Residue: For compliance with MRL for plant commodities: Quinclorac plus quinclorac conjugates.

For the estimation of dietary exposure for plant commodities: Quinclorac plus quinclorac conjugate plus quinclorac methyl ester expressed as quinclorac.

For compliance with the MRL and estimating dietary exposure) for animal commodities: Quinclorac plus quinclorac conjugates.

The residue is fat-soluble

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0265	Cranberry	1.5			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.1			CXL	2017	50		2018	
PE 0112	Eggs	0.05		(*)	CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.05		(*)	CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(*) (fat)	CXL	2017	50		2018	
ML 0106	Milks	0.05		(*)	CXL	2017	50		2018	
PF 0111	Poultry fats	0.05		(*)	CXL	2017	50		2018	
PM 0110	Poultry meat	0.05		(*) (fat)	CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.05		(*)	CXL	2017	50		2018	
SO 0495	Rape seed	0.15			CXL	2017	50		2018	
VS 0627	Rhubarb	0.5			CXL	2015	48		2016	
GC 0649	Rice	10			CXL	2017	50		2018	
AS 0649	Rice straw and fodder, Dry	8		(dw)	CXL	2017	50		2018	
CM 0649	Rice, Husked	10			CXL	2017	50		2018	
CM 1205	Rice, Polished	8			CXL	2017	50		2018	

288 Acibenzolar-S-methyl

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.08 mg/kg bw (2016)

ARfD: 0.5 mg/kg bw (2016)

Residue: For compliance with MRLs for animal and plant commodities and for dietary risk assessment for animal commodities): Sum of acibenzolar-S-methyl and 1,2,3-benzothiadiazole-7-carboxylic acid (acibenzolar acid) (free and conjugates), expressed in terms of acibenzolar-S-methyl.

For dietary risk assessment for plants): Sum of acibenzolar-S-methyl and 1,2,3-benzothiadiazole-7-carboxylic acid (acibenzolar acid), (free and conjugated) and 1,2,3-benzothiadiazole-4-hydroxy-7-carboxylic acid (4-OH acibenzolar acid) (free and conjugated), expressed as acibenzolar-S-methyl.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3			CXL	2016	49		2017	
FI 0327	Banana	0.06			CXL	2016	49		2017	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.7			CXL	2016	49		2017	
FC 0001	Citrus fruits	0.015			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.02		(*)	CXL	2016	49		2017	
PE 0112	Eggs	0.02		(*)	CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits	0.8			CXL	2016	49		2017	
VA 0381	Garlic	0.15			CXL	2016	49		2017	
FI 0341	Kiwifruit	0.03			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae	1			CXL	2016	49		2017	
VL 0482	Lettuce, Head	0.2			CXL	2016	49		2017	
VL 0483	Lettuce, Leaf	0.4			CXL	2016	49		2017	
FB 2009	Low growing berries	0.15		(including strawberries)	CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.02		(*)	CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(*)	CXL	2016	49		2017	
ML 0106	Milks	0.01		(*)	CXL	2016	49		2017	
VA 0385	Onion, Bulb	0.15			CXL	2016	49		2017	
FS 2001	Peaches (including Apricots and Nectarine)	0.2			CXL	2016	49		2017	
PF 0111	Poultry fats	0.02		(*)	CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.02 (*)			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.02 (*)			CXL	2016	49		2017	
VA 0388	Shallot	0.15			CXL	2016	49		2017	
VL 0502	Spinach	0.6			CXL	2016	49		2017	
VO 0448	Tomato	0.3			CXL	2016	49		2017	

289 Imazethapyr

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.6 mg/kg bw (2016)

ARfD: Unnecessary (2016)

Residue: For compliance with MRLs) for plant commodities and for compliance with MRLs and dietary risk assessment for animal commodities: Sum of imazethapyr, 5-hydroxyethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, expressed as imazethapyr.

For dietary risk assessment) for plant commodities: Sum of imazethapyr, and 5-hydroxyethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid (OH-imazethapyr), and -[1-(beta-D-glucopyranozyloxyethyl)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, expressed as imazethapyr.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1031	Clover hay or fodder	1.5 (dw)			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VD 0533	Lentil (dry)	0.1 (*)			CXL	2016	49		2017	
GC 0645	Maize	0.1 (*)			CXL	2016	49		2017	
AS 0645	Maize fodder (dry)	0.1 (*) (dw)			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
SO 0697	Peanut	0.1 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	2016	49		2017	
SO 0495	Rape seed	0.1 (*)			CXL	2016	49		2017	
GC 0649	Rice	0.1 (*)			CXL	2016	49		2017	
AS 0649	Rice straw and fodder, Dry	0.15 (*) (dw)			CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.03			CXL	2016	49		2017	

290 Isofetamid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.05 mg/kg bw (2016)

ARfD: 3 mg/kg bw (2016)

Residue: For compliance with MRLs and for dietary risk assessment) for plant commodities: Isofetamid.

For compliance with MRLs and for dietary risk assessment) for animal commodities: Sum of isofetamid and 2-[3-methyl-4-[2-methyl-2-(3-methylthiophene-2-carboxamido) propanoyl]phenoxy]propanoic acid (PPA), expressed as isofetamid.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.8 (dw)			CXL	2016	49		2017	
TN 0660	Almonds	0.01 (*)			CXL	2016	49		2017	
VP 2060	Beans with pods	0.6			3	2018	51			
FB 2006	Bush berries	5			3	2018	51			
FB 2005	Cane berries	3			3	2018	51			
FS 0013	Cherries	4			3	2018	51			
DF 0269	Dried grapes (=currants, raisins and sultanas)	7			CXL	2016	49		2017	
VD 2065	Dry beans	0.05			3	2018	51			
VD 2066	Dry peas	0.05			3	2018	51			
MO 0105	Edible offal (mammalian)	0.07			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VL 0482	Lettuce, Head	5			CXL	2016	49		2017	
VL 0483	Lettuce, Leaf	7			CXL	2016	49		2017	
FB 2009	Low growing berries	4			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
FS 2001	Peaches (including Apricots and Nectarine)	3			3	2018	51			
VP 2061	Peas with pods	0.6			3	2018	51			
FS 0014	Plums (including fresh prunes)	0.8			3	2018	51			
FP 0009	Pome fruits	0.6			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF	0111 Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM	0110 Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO	0111 Poultry, Edible offal of	0.01 (*)			CXL	2016	49		2017	
DF	0014 Prunes, dried	3			3	2018	51			
SO	0495 Rape seed	0.015			CXL	2016	49		2017	
OR	0495 Rape seed oil, Edible	0.03			CXL	2016	49		2017	
FB	2008 Small fruit vine climbing	3			CXL	2016	49		2017	

291 Oxathiapiprolin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-4 mg/kg bw (2016)

ARfD: Unnecessary (2016)

Residue: For compliance with the MRL) for plant and animal commodities: Oxathiapiprolin.

For dietary risk assessment) for plant and animal commodities: Sum of: oxathiapiprolin, 5-(Trifluoromethyl)-1H-pyrazole-3-carboxylic acid and 1-β-D-Glucopyranosyl-3-(-(trifluoromethyl)-1H-pyrazole-5-carboxylic acid, expressed as parent.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HH 0722	Basil	10			3	2018	51			
DH 0722	Basil, dry	80			3	2018	51			
VB 0400	Broccoli	1.5			CXL	2016	49		2017	
VB 0041	Cabbages, Head	0.7			CXL	2016	49		2017	
FB 2005	Cane berries	0.5			3	2018	51			
VB 0404	Cauliflower	0.3			CXL	2016	49		2017	
FC 0001	Citrus fruits	0.05			3	2018	51			
OR 0001	Citrus oil, edible	3			3	2018	51			
AB 0001	Citrus pulp, Dry	0.15			3	2018	51			
DF 0269	Dried grapes (=currants, raisins and sultanas)	1.3			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			3	2018	51			
VO 0050	Fruiting vegetables other than cucurbits	0.4		(except sweetcorn and mushrooms)	CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits	0.2			CXL	2016	49		2017	
VA 0381	Garlic	0.04			CXL	2016	49		2017	
VA 0382	Garlic, Great-headed	0.04			CXL	2016	49		2017	
DV 0604	Ginseng, dried including red ginseng	0.15			CXL	2016	49		2017	
FB 0269	Grapes	0.9			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae	10			3	2018	51			
VA 0384	Leek	2			CXL	2016	49		2017	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0482	Lettuce, Head	3			CXL	2016	49		2017	
VL 0483	Lettuce, Leaf	5			CXL	2016	49		2017	
GC 0645	Maize	0.01		(*)	3	2018	51			
AS 0645	Maize fodder (dry)	0.01		(*)	3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
ML 0106	Milks	0.01		(*)	CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
VA 0385	Onion, Bulb	0.04			CXL	2016	49		2017	
VA 0387	Onion, Welsh	2			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	1			CXL	2016	49		2017	
VP 0064	Peas, Shelled (succulent seeds)	0.05			CXL	2016	49		2017	
HS 0444	Peppers Chili, dried	4			CXL	2016	49		2017	
SO 0698	Poppy seed	0.01		(*)	3	2018	51			
VR 0589	Potato	0.01		(*)	CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
PF 0111	Poultry fats	0.01		(*)	CXL	2016	49		2017	
PF 0111	Poultry fats	0.01		(*)	3	2018	51			
PM 0110	Poultry meat	0.01		(*)	CXL	2016	49		2017	
PM 0110	Poultry meat	0.01		(*)	3	2018	51			
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.01		(*)	3	2018	51			
VA 0388	Shallot	0.04			CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.01		(*)	3	2018	51			
AL 3354	Soya bean hay	0.02			3	2018	51			
VL 0502	Spinach	15			CXL	2016	49		2017	
VA 0389	Spring Onion	2			CXL	2016	49		2017	
SO 0702	Sunflower seed	0.01		(*)	3	2018	51			
VR 0508	Sweet potato	0.01		(*)	CXL	2016	49		2017	Withdrawal recommended by JMPR 2018.
DV 0448	Tomato, dried	3			CXL	2016	49		2017	
VR 2071	Tuberous and corm vegetables	0.04			3	2018	51			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VS 2081	Young shoots	2			3	2018	51			

292 Pendimethalin

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2016)

ARfD: 1 mg/kg bw (2016)

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Pendimethalin. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	4 (dw)			CXL	2016	49		2017	
AM 0660	Almond hulls	7 (dw)			CXL	2016	49		2017	
VS 0621	Asparagus	0.1			CXL	2016	49		2017	
AL 0061	Bean fodder	0.3 (dw)			CXL	2016	49		2017	
VD 0071	Beans (dry)	0.05			CXL	2016	49		2017	
VP 0061	Beans, except broad bean and soya bean	0.05		(green pods and immature seeds)	CXL	2016	49		2017	
VR 0577	Carrot	0.5			CXL	2016	49		2017	
VS 0624	Celery	0.09			CXL	2016	49		2017	
FC 0001	Citrus fruits	0.03			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.05			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VA 0380	Fennel, Bulb	0.05 (*)			CXL	2016	49		2017	
VA 0381	Garlic	0.05 (*)			CXL	2016	49		2017	
AS 0162	Hay or fodder (dry) of grasses	2500 (dw)			CXL	2016	49		2017	
DH 1100	Hops, Dry	0.05			CXL	2016	49		2017	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.5			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae	0.3		except kale	CXL	2016	49		2017	
VL 0483	Lettuce, Leaf	4			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2016	49		2017	
FM 0183	Milk fats	0.8			CXL	2016	49		2017	
ML 0106	Milks	0.02			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0385	Onion, Bulb	0.05	(*)	CXL	2016	49		2017	
VA	0387	Onion, Welsh	0.4		CXL	2016	49		2017	
VD	0072	Peas (dry)	0.05		CXL	2016	49		2017	
VP	0063	Peas (pods and succulent=immature seeds)	0.05		CXL	2016	49		2017	
VP	0064	Peas, Shelled (succulent seeds)	0.05		CXL	2016	49		2017	
PF	0111	Poultry fats	0.01	(*)	CXL	2016	49		2017	
PM	0110	Poultry meat	0.01	(*)	CXL	2016	49		2017	
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	2016	49		2017	
VA	0388	Shallot	0.05	(*)	CXL	2016	49		2017	
VA	0389	Spring Onion	0.4		CXL	2016	49		2017	
TN	0085	Tree nuts	0.05		CXL	2016	49		2017	

293 Pinoxaden

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2016)

ARfD: 0.3 mg/kg bw (2016)

Residue: For compliance with the MRL and for dietary risk assessment) for plant commodities: Sum of free and conjugated M4 (SYN 505164; 8-(2,6-Diethyl-4-hydroxymethyl-phenyl)-9-hydroxy-1,2,4,5-tetrahydro-pyrazolo[1,2-d][1,4,5]oxadiazepin-7-one), expressed as pinoxaden.
For compliance with the MRL and for dietary risk assessment) for animal commodities: M4 (SYN 505164; 8-(2,6-Diethyl-4-hydroxymethyl-phenyl)-9-hydroxy-1,2,4,5-tetrahydro-pyrazolo[1,2-d][1,4,5]oxadiazepin-7-one), expressed as pinoxaden.
The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	0.7			CXL	2016	49		2017	
AS	0640 Barley straw and fodder, Dry	3 (dw)			CXL	2016	49		2017	
PE	0112 Eggs	0.02 (*)			CXL	2016	49		2017	
PF	0111 Poultry fats	0.02 (*)			CXL	2016	49		2017	
PM	0110 Poultry meat	0.02 (*)			CXL	2016	49		2017	
PO	0111 Poultry, Edible offal of	0.02 (*)			CXL	2016	49		2017	
GC	0654 Wheat	0.7			CXL	2016	49		2017	
AS	0654 Wheat straw and fodder, Dry	3 (dw)			CXL	2016	49		2017	

294 Spiromesifen

Main Uses: Acaricide and Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.03 mg/kg bw (2016)

ARfD: Unnecessary (2016)

Residue: For compliance with the MRL) for plant and animal commodities: sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen.

For dietary risk assessment) for plant commodities: sum of spiromesifen, 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, and 4-hydroxy-3-[4-(hydroxymethyl)-2,6-dimethylphenyl]-1-oxaspiro[4.4]non-3-en-2-one (free and conjugated), all expressed as spiromesifen.

For dietary risk assessment) for animal commodities: sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen.

Residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	3			CXL	2016	49		2017	
VR 0463	Cassava	0.02		(*)	CXL	2016	49		2017	
SB 0716	Coffee beans	0.2			CXL	2016	49		2017	
VP 0526	Common bean (pods and/or immature seeds)	1			CXL	2016	49		2017	
SO 0691	Cotton seed	0.7			CXL	2016	49		2017	
VC 0424	Cucumber	0.15			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.3			CXL	2016	49		2017	
VO 0440	Egg plant	0.7			CXL	2016	49		2017	
PE 0112	Eggs	0.02			CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits	0.09		except melon and cucumber	CXL	2016	49		2017	
VL 0053	Leafy vegetables	15			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae	15			CXL	2016	49		2017	
FB 2009	Low growing berries	3			CXL	2016	49		2017	
GC 0645	Maize	0.02		(*)	CXL	2016	49		2017	
AS 0645	Maize fodder (dry)	6			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.15			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.15	F		CXL	2016	49		2017	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0046	Melons, except watermelon	0.3			CXL	2016	49		2017	
ML 0106	Milks	0.015			CXL	2016	49		2017	
VO 0442	Okra	0.5			CXL	2016	49		2017	
VO 0443	Pepino	0.5			CXL	2016	49		2017	
VO 0051	Peppers	0.5			CXL	2016	49		2017	
HS 0444	Peppers Chili, dried	5			CXL	2016	49		2017	
GC 0656	Popcorn	0.02 (*)			CXL	2016	49		2017	
VR 0589	Potato	0.02 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.02			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02			CXL	2016	49		2017	
PO 0111	Poultry, Edible offal of	0.05			CXL	2016	49		2017	
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL	2016	49		2017	
VR 0508	Sweet potato	0.02 (*)			CXL	2016	49		2017	
DT 1114	Tea, Green, Black (black, fermented and dried)	70			CXL	2016	49		2017	
VO 0448	Tomato	0.7			CXL	2016	49		2017	
VW 0448	Tomato paste	2			CXL	2016	49		2017	
DV 0448	Tomato, dried	4			CXL	2016	49		2017	

295 Bicyclopyrone

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.003 mg/kg bw (2017)

ARfD: 0.01 mg/kg bw (for women of child-bearing age) (2017)

Residue: For compliance with the MRL and for the estimation of dietary exposure) for plant commodities: Sum of bicyclopyrone and its structurally-related metabolites determined as the sum of the common moieties 2-(2-methoxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (SYN503780) and 2-(2-hydroxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (CSCD686480), expressed as bicyclopyrone.

For compliance with the MRL and for the estimation of dietary exposure) for animal commodities: sum of bicyclopyrone and its structurally-related metabolites determined as the sum of the common moieties 2-(2-methoxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (SYN503780) and 2-(2-hydroxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (CSCD686480), expressed as bicyclopyrone.

The residue is not fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.04			CXL	2017	50		2018	
CF 0640	Barley bran, processed	0.1			CXL	2017	50		2018	
AS 0640	Barley straw and fodder, Dry	0.8	(dw)		CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	3			CXL	2017	50		2018	
PE 0112	Eggs	0.01		(*)	CXL	17	50		2018	
GC 0645	Maize	0.02		(*)	CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	0.5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.02		(*)	CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.02		(*)	CXL	2017	50		2018	
ML 0106	Milks	0.02		(*)	CXL	2017	50		2018	
PF 0111	Poultry fats	0.01		(*)	CXL	17	50		2018	
PM 0110	Poultry meat	0.01		(*)	CXL	17	50		2018	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	17	50		2018	
GS 0659	Sugar cane	0.02		(*)	CXL	2017	50		2018	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.03			CXL	2017	50		2018	
AS 0447	Sweet corn fodder	0.5	(dw)		CXL	2017	50		2018	
GC 0654	Wheat	0.04			CXL	2017	50		2018	
CF 0654	Wheat bran, Processed	0.1			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CF 1210	Wheat germ	0.06			CXL	2017	50		2018	
AS 0654	Wheat straw and fodder, Dry	0.8 (dw)			CXL	2017	50		2018	

296 Cyclaniliprole

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.04 mg/kg bw (2017)

ARfD: Unnecessary (2017)

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

For estimation of dietary exposure) for plant commodities: cyclaniliprole + 3-bromo-2-((2-bromo-4H-pyrazolo[1,5-d]pyrido[3,2-b]-[1,4]oxazin-4-ylidene)amino)-5-chloro-N-(1-cyclopropylethyl)benzamide (NK-1375), expressed as cyclaniliprole equivalents. The molecular weight conversion factor to express NK-1375 in cyclaniliprole equivalents = 1.064. For estimation of dietary exposure) for animal commodities: Cyclaniliprole. The residue is fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0013	Cherries	0.9			4	2017	50			CCPR (2018) agreed to keep all the proposed MRLs at Step 4 pending the evaluation of new data and revised GAP information by the 2019 JMPR. CCPR also invited JMPR to engage with national regulators to continue validation of the model (50:95-99)
VO 2700	Cherry tomato	0.1			4	2017	50			See cherries
MO 0105	Edible offal (mammalian)	0.01		(*)	4	2017	50			See cherries
VO 2046	Eggplants	0.1			4	2017	50			See cherries
VB 0042	Flowerhead Brassicas,	1			4	2017	50			See cherries
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes	0.06			4	2017	50			See cherries
VC 2040	Fruiting vegetables, cucurbits – Melons, Pumpkins and Winter Squashes	0.15			4	2017	50			See cherries
FB 0269	Grapes	0.8			4	2017	50			See cherries
VB 2036	Head brassicas	0.7			4	2917	50			See cherries
VL 0054	Leaves of Brassicaceae,	15			4	2017	50			See cherries
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	4	2017	50			See cherries
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*) (fat)	4	2017	50			See cherries

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FM 0183	Milk fats	0.01 (*)			4	2017	50			See cherries
ML 0106	Milks	0.01 (*)			4	2017	50			See cherries
FS 2001	Peaches (including Apricots and Nectarine)	0.3			4	2017	50			See cherries
VO 0051	Peppers	0.2		(except martynia, okra and roselle)	4	17	50			See cherries
HS 0444	Peppers Chili, dried	2			4	2017	50			See cherries
FS 0014	Plums (including fresh prunes)	0.2			4	2017	50			See cherries
FP 0009	Pome fruits	0.3			4	2017	50			See cherries
DF 0014	Prunes, dried	0.8			4	2017	50			See cherries
AS 0081	Straw and fodder (dry) of cereal grains	0.45 (dw)			4	2017	50			See cherries
VO 0448	Tomato	0.1			4	2017	50			See cherries
DV 0448	Tomato, dried	0.4			4	2017	50			See cherries

297 Fenazaquin

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.05 mg/kg bw (2017)

ARfD: 0.1 mg/kg bw (2017)

Residue: For plant commodities for compliance and for dietary risk assessment: Fenazaquin.

For compliance and estimation of dietary exposure) for animal commodities: the sum of fenazaquin and the metabolite 2-hydroxy-fenazaquin acid expressed as fenazaquin.

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0013	Cherries	2			CXL	2017	50		2018	
DH 1100	Hops, Dry	30			CXL	2017	50		2018	

298 Fenpyrazamine

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.3 mg/kg bw (2017)

ARfD: 0.8 mg/kg bw (2017)

Residue: For plant commodities for enforcement of MRLs: Fenpyrazamine.

For plant commodities for estimation of dietary exposure: Sum of fenpyrazamine and 5-amino-1,2-dihydro-2-isopropyl-4-(o-tolyl)pyrazol-3-one (S-2188-DC), expressed as fenpyrazamine.

For animal commodities (for enforcement of MRLs and for estimation of dietary exposure): Sum of fenpyrazamine and 5-amino-1,2-dihydro-2-isopropyl-4-(o-tolyl)pyrazol-3-one (S-2188-DC), expressed as fenpyrazamine.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.01 (*)			CXL	2017	50		2018	
FB 2006	Bush berries	4			CXL	2017	50		2018	
FB 2005	Cane berries	5			CXL	2017	50		2018	
FS 0013	Cherries	3			CXL	2017	50		2018	
VO 4275	Cherry tomato	3			CXL	2017	50		2018	
VC 0424	Cucumber	0.7			CXL	2017	50		2018	
DF 0269	Dried grapes (=currants, raisins and sultanas)	12			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.05			CXL	2017	50		2018	
VO 2046	Eggplants	3			CXL	2017	50		2018	
VR 0604	Ginseng	0.7			CXL	2017	50		2018	
FB 0269	Grapes	4			CXL	2017	50		2018	
VL 0482	Lettuce, Head	1.5			CXL	2017	50		2018	
VL 0483	Lettuce, Leaf	1.5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
FS 2001	Peaches (including Apricots and Nectarine)	4			CXL	2017	50		2018	
VO 0445	Peppers, sweet (including pimento or pimienta)	3			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0014	Plums (including fresh prunes)	2			CXL	2017	50		2018	
FB 0275	Strawberry	3			CXL	2017	50		2018	
VO 0448	Tomato	3			CXL	2017	50		2018	

299 Isoprothiolane

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.1 mg/kg bw (2017)

ARfD: Unnecessary (2017)

Residue: For compliance with the MRL) for plant commodities: Isoprothiolane.

For estimation of dietary exposure) for rice: Isoprothiolane. For estimation of dietary exposure) for plants other than rice: sum of isoprothiolane, diisopropyl-4-hydroxy-1,3-dithiolan-2-ylidenemalonate (M-3); free and conjugated, and 1-hydroxypropan-2-yl propan-2-yl 1,3-dithiolan-2-ylidenemalonate (M-5); free and conjugated, expressed as isoprothiolane.

For compliance with the MRL and estimation of dietary exposure) for animal commodities: sum of isoprothiolane and 2-(1,3-dithiolan-2-ylidene)-3-oxo-3-(propan-2-yloxy)propanoic acid (M-2), expressed as isoprothiolane.

The residue is not fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
CM 0649	Rice, Husked	6			CXL	2017	50		2018	
CM 1205	Rice, Polished	1.5			CXL	2017	50		2018	

300 Natamicyn

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: No established

Acute RfD: Not established

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant and animal commodities: Natamycin. The residue is not fat-soluble.

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

301 Phosphonic acid

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-1 mg/kg bw (Applies to fosetyl-aluminium and phosphonic acid, expressed as fosetyl-aluminium)

ARfD: Unnecessary (2017)

Residue: For compliance with the MRL and for estimation of dietary exposure for plant commodities: Sum of fosetyl, phosphonic acid and their salts, expressed as phosphonic acid.

For compliance with the MRL and for estimation of dietary exposure for animal commodities: Phosphonic acid.

The residue is not fat-soluble

Note: The proposed maximum residue levels, STMRs are reported in the fosetyl-aluminium appraisal.

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

302 Fosetyl Al

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-1 mg/kg bw (Applies to fosetyl-aluminium and phosphonic acid, expressed as fosetyl-aluminium)

ARfD: Unnecessary (2017)

Residue: For compliance with the MRL and for estimation of dietary exposure) for plant commodities: Sum of fosetyl, phosphonic acid and their salts, expressed as phosphonic acid.

For compliance with the MRL and for estimation of dietary exposure) for animal commodities: Phosphonic acid.

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	20			CXL	2017	50		2018	
VC 0424	Cucumber	60			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.5			CXL	2017	50		2018	
FB 0269	Grapes	60			CXL	2017	50		2018	
DH 1100	Hops, Dry	1500			CXL	2017	50		2018	
VL 0482	Lettuce, Head	200			CXL	2017	50		2018	
VL 0483	Lettuce, Leaf	40			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.3			CXL	2017	50		2018	
FC 0003	Mandarins (including mandarin-like hybrids)	50			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.15			CXL	2017	50		2018	
VC 0046	Melons, except watermelon	60			CXL	2017	50		2018	
ML 0106	Milks	0.1			CXL	2017	50		2018	
FC 0004	Oranges, Sweet, Sour, (including Orange-like hybrids)	20			CXL	2017	50		2018	
VO 0445	Peppers, sweet (including pimento or pimienta)	7			CXL	2017	50		2018	
FP 0009	Pome fruits	50			CXL	2017	50		2018	
VL 0502	Spinach	20			CXL	2017	50		2018	
VC 0431	Squash, summer	70			CXL	2017	50		2018	
FB 0275	Strawberry	70			CXL	2017	50		2018	
VO 0448	Tomato	8			CXL	2017	50		2018	
TN 0085	Tree nuts	400			CXL	2017	50		2018	

303 Triflumezopyrim

Main Uses: Acaricide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0-0.2 mg/kg bw

ARfD: 1 mg/kg bw (2017)

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

For the estimation of dietary exposure for plant commodities: Sum of triflumezopyrim and 3-(trifluoromethyl)benzoic acid (IN-Y2186), expressed as triflumezopyrim.

For the estimation of dietary exposure for animal commodities: Triflumezopyrim.

The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2017	50		2018	
PE 0112	Eggs	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2017	50		2018	
FM 0183	Milk fats	0.01 (*)			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01 (*)			CXL	2017	50		2018	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	2017	50		2018	
GC 0649	Rice	0.2			CXL	2017	50		2018	
AS 0649	Rice straw and fodder, Dry	0.4 (dw)			CXL	2017	50		2018	
CM 0649	Rice, Husked	0.01			CXL	2017	50		2018	
CM 1205	Rice, Polished	0.01			CXL	2017	50		2018	

304 Ethiprole

Main Uses: Insecticide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.005 mg/kg bw (2018)

ARfD: 0.005 mg/kg bw (2018)

Residue: For compliance with the MRL for plant commodities: Ethiprole.

For dietary risk assessment for plant commodities: Sum of ethiprole, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(ethylsulfinyl)-1H-pyrazole-3-carboxamide (ethiprole-amide) and 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone), expressed as parent equivalents.

For compliance with the MRL and dietary risk assessment for animal commodities: Sum of ethiprole and 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone), expressed as parent equivalents.

The residue is fat-soluble

Note: ADI and ARfD apply to ethiprole, ethiprole-amide and ethiprole-sulfone, expressed as ethiprole.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SB 0716	Coffee beans	0.07			3	2018	51			
SM 0716	Coffee beans, Roasted	0.2			3	2018	51			
MO 0105	Edible offal (mammalian)	0.1			3	2018	51			
PE 0112	Eggs	0.05			3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.15			3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.15		(fat)	3	2018	51			
FM 0183	Milk fats	0.5			3	2018	51			
ML 0106	Milks	0.015			3	2018	51			
PF 0111	Poultry fats	0.05			3	2018	51			
PM 0110	Poultry meat	0.05		(fat)	3	2018	51			
PO 0111	Poultry, Edible offal of	0.05			3	2018	51			
GC 0649	Rice	3			3	2018	51			
CM 0649	Rice, Husked	1.5			3	2018	51			
CM 1205	Rice, Polished	0.4			3	2018	51			

305 Fepicoxamid

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.05 mg/kg bw (2018)

ARfD: Unnecessary (2018)

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Fepicoxamid.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.15			3	2018	51			

306 Fluazinam

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: Not established

ARfD: Not established

Residue: For compliance with the MRL for plant commodities: Fluazinam.

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

307 Mandestrobin

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.2 mg/kg bw (2018)

ARfD: 3 mg/kg bw (for women of child-bearing age) (2018)

Note: The 2018 JMPR was unable to complete an evaluation for residues (Chapter 2.2, 2018 JMPR).

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

308 Norflurazon

Main Uses: Herbicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.005 mg/kg bw (2018)

ARfD: 0.3 mg/kg bw (2018)

Residue: For compliance with the MRL for plant commodities: Sum of norflurazon and desmethyl norflurazon, expressed as norflurazon.

For dietary risk assessment for plant commodities: Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon.

For compliance with the MRL for animal commodities: Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon.

For dietary risk assessment for animal commodities: Sum of desmethyl norflurazon (free and conjugated) and 6-methyl sulfoxide norflurazon, expressed as norflurazon.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	7	(DM		3	2018	51			
MO 0105	Edible offal (mammalian)	0.3			3	2018	51			
PE 0112	Eggs	0.02	(*)		3	2018	51			
MF 0100	Mammalian fats (except milk fats)	0.02	(*)		3	2018	51			
MM 0095	Meat (from mammals other than marine mammals)	0.02	(*)		3	2018	51			
ML 0106	Milks	0.02	(*)		3	2018	51			
PF 0111	Poultry fats	0.02	(*)		3	2018	51			
PM 0110	Poultry meat	0.02	(*)		3	2018	51			
PO 0111	Poultry, Edible offal of	0.02	(*)		3	2018	51			

309 Pydiflumetofen

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.1 mg/kg bw (2018)

ARfD: 0.3 mg/kg bw (2018)

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Pydiflumetofen.

For compliance with the MRL for animal commodities: Pydiflumetofen.

For dietary risk assessment for animal commodities other than mammalian liver and kidney: Sum of pydiflumetofen and 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, expressed as pydiflumetofen.

For dietary risk assessment for mammalian liver and kidney: Sum of pydiflumetofen, 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, and 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichloro-3-hydroxy-phenyl) ethyl]pyrazole-4-carboxamide (SYN547897) and its conjugates, expressed as pydiflumetofen.

The residue is fat-soluble

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DF 0269	Dried grapes (=currants, raisins and sultanas)	4			3	2018	51			
FB 2008	Small fruit vine climbing	1.5			3	2018	51			

310 Pyriofenone

Main Uses: Fungicide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.09 mg/kg bw (2018)

ARfD: Unnecessary (2018)

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Pyriofenone.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	2006	Bush berries	1.5		3	2018	51			
FB	2005	Cane berries	0.9		3	2018	51			
DF	0269	Dried grapes (=currants, raisins and sultanas)	2.5		3	2018	51			
VC	0045	Fruiting vegetables, cucurbits	0.2		3	2018	51			
FB	2009	Low growing berries	0.5		3	2018	51			
FB	2008	Small fruit vine climbing	0.8		3	2018	51			

311 Tioxazafen

Main Uses: Nematocide

JMPR: See [JMPR Report](#), Annex 2: Index of reports and evaluations of pesticides by JMPR.

ADI: 0–0.05 mg/kg bw (2018)

ARfD: 0.5 mg/kg bw (2018)

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Sum of tioxazafen and benzamidine (benzenecarboximidamide), expressed as tioxazafen. The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB	1204	Cotton gin trash	0.02		3	2018	51			
SO	0691	Cotton seed	0.01	(*)	3	2018	51			
MO	0105	Edible offal (mammalian)	0.03		3	2018	51			
PE	0112	Eggs	0.02	(*)	3	2018	51			
GC	0645	Maize	0.01	(*)	3	2018	51			
AS	0645	Maize fodder (dry)	0.03	(DM)	3	2018	51			
MF	0100	Mammalian fats (except milk fats)	0.03		3	2018	51			
MM	0095	Meat (from mammals other than marine mammals)	0.02		3	2018	51			
ML	0106	Milks	0.02		3	2018	51			
PF	0111	Poultry fats	0.02	(*)	3	2018	51			
PM	0110	Poultry meat	0.02	(*)	3	2018	51			
PO	0111	Poultry, Edible offal of	0.02	(*)	3	2018	51			
VD	0541	Soya bean (dry)	0.04		3	2018	51			
AL	0541	Soya bean fodder	0.4	(DM)	3	2018	51			
AB	1265	Soya bean meal	0.06		3	2018	51			

PART 2

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

(AT VARIOUS STEPS OF THE CODEX PROCEDURE)

1 Aldrin and Dieldrin

Main Uses: Insecticide

JMPR: 1965 (T), 1966 (T,R), 1967 (R), 1974 (R), 1975 (R), 1977 (T), 1990 (R), 1992 (R)

ADI: 0.0001 mg/kg bw (confirmed 1977; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Sum of HHDN and HEOD (fat-soluble).

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

12 Chlordane

Main Uses: Insecticide

JMPR: 1965 (T), 1967 (T,R), 1969 (R), 1970 (T,R), 1972 (R), 1974 (R), 1977 (T,R), 1982 (T), 1984 (T,R), 1986 (T)

ADI: 0.0005 mg/kg bw (1986; converted to PTDI in 1994)

Acute RfD: N/A

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

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

21 DDT

Main Uses: Insecticide

JMPR: 1965 (T), 1966 (T,R), 1967 (T,R), 1968 (T,R), 1969 (T,R), 1978 (R), 1979 (T), 1980 (T), 1983 (T), 1984 (T), 1993 (R), 1994 (R), 1996 (R)

ADI: 0.01 mg/kg bw (2000)

Acute RfD: Unnecessary (2000)

Residue: Sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) (fat-soluble).

Note: Previous PTDI, 0.02 mg/kg (1984, converted to PTDI in 1994) The CCPR-33 decided to propose to the CAC an EMRL of 5 mg/kg and a level of 3 mg/kg in square brackets and to ask the CAC to take a decision regarding the level, taking into account that the CCPR would not be able to reach consensus by deferring consideration of this matter to a later session. The CCPR also decided not to request a new evaluation of the monitoring data by the next meeting of JMPR.(33.195) The CAC-24 decided to retain the current temporary EMRL of 5 mg/kg and agreed that the proposal to lower the EMRL to 1 mg/kg should be referred to the CCPR for further consideration. (ALINORM 01/41, para. 145)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0577	Carrot	0.2	E		CXL				1997	
GC 0080	Cereal grains	0.1	E		CXL	94				
PE 0112	Eggs	0.1	E		CXL		28		1997	
MM 0095	Meat (from mammals other than marine mammals)	5	(fat) E	EMRL: 1-5 mg/kg	CXL	96,00	33	28,30	2001	
ML 0106	Milks	0.02	F E		CXL		28		1997	
PM 0110	Poultry meat	0.3	(fat) E	EMRL: 0.1-0.3 mg/kg	CXL	00	35	34	2003	

33 Endrin

Main Uses: Insecticide

JMPR: 1965 (T), 1970 (T,R), 1974 (R), 1975 (R), 1990 (R), 1992 (R)

ADI: 0.0002 mg/kg bw (1970; converted to PTDI in 1994)

Acute RfD: N/A

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0045 Fruiting vegetables, Cucurbits	0.05	E		CXL		28		1997	
PM	0110 Poultry meat	0.1	E		CXL		28		1997	

43 Heptachlor

Main Uses: Insecticide

JMPR: 1965 (T), 1966 (T,R), 1967 (R), 1968 (R), 1969 (R), 1970 (T,R), 1974 (R), 1975 (R), 1977 (R), 1987 (R), 1991 (T,R), 1992 (corr. to 1991 report, Annex I), 1993 (R), 1994 (R)

ADI: 0.0001 mg/kg bw (1991; converted to PTDI in 1994)

Acute RfD: N/A

Residue: Sum of heptachlor and heptachlor epoxide (fat-soluble).

Note: The 1994 JMPR agreed that for the general monitoring of heptachlor and its metabolite, a suitable limit of determination for the total residue would be 0.01 mg/kg.

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

48 Lindane

Main Uses: Insecticide

JMPR: 1965 (T), 1966 (T,R), 1967 (R), 1968 (R), 1969 (R), 1970 (T,R), 1973 (T,R), 1974 (R), 1975 (R), 1977 (T,R), 1978 (R), 1979 (R), 1989 (T,R), 1997 (T), 2002 (T), 2003 (R), 2004 (corr. to 2003 report), 2015 (R)

ADI: 0–0.005 mg/kg bw (2002)

Acute RfD: 0.06 mg/kg bw (2002)

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

Note: Lindane has been re-evaluated within the periodic review by JMPR in 2015, and the CXLs have been converted into Codex EMRLs in 2016 since Lindane is listed in annex A of the Stockholm convention and its residue is from environmental sources, not the use of the pesticide directly or indirectly on the food or feed.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080 Cereal grains	0.01	E	(except rice)	CXL	2015	48		2016	
WD	0120 Diadromous fish	0.01	E		CXL	2015	48		2016	
MO	0105 Edible offal (mammalian)	0.001	E		CXL	2015	48		2016	
PE	0112 Eggs	0.001	E		CXL	2015	48		2016	
WS	0125 Marine fish	0.01	E		CXL	2015	48		2016	
MM	0095 Meat (from mammals other than marine mammals)	0.01	(fat) E		CXL	2015	48		2016	
ML	0106 Milks	0.001	E		CXL	2015	48		2016	
PM	0110 Poultry meat	0.005	(fat) E		CXL	2015	48		2016	
PO	0111 Poultry, Edible offal of	0.005	E		CXL	2015	48		2016	
AS	0081 Straw and fodder (dry) of cereal grains	0.01	E		CXL	2015	48		2016	
VO	1275 Sweet corn (kernels)	0.01	E		CXL	2015	48		2016	

PART 3

LIST OF PESTICIDES FOR WHICH GUIDELINE LEVELS HAVE BEEN SET

52 Methyl Bromide

Main Uses: Fumigant

JMPR: 1965 (T,R), 1966 (T,R), 1967 (R), 1968 (T,R), 1971 (R), 1979 (R), 1985 (R), 1992 (R)

ADI: mg/kg body weight

Acute RfD: N/A

Note: Not cleared toxicologically by JMPR

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CP	0179 Bread and other cooked cereal products	0.01 (*)		To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
SB	0715 Cacao beans	5 Po		To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
GC	0080 Cereal grains	5 Po		To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
AO	0001 Cocoa products	0.01 (*) Po		To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
DF	0167 Dried fruits	0.01 (*) Po		To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
DF	0167 Dried fruits	2 Po		To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
AO	0001 Milled cereals products	0.01 (*) Po		To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
AO	0001 Milled cereals products	1 Po		To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
SO	0697 Peanut	0.01 (*) Po		To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0697	Peanut	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
TN 0085	Tree nuts	0.01	(*) Po	To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
TN 0085	Tree nuts	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	

114 Guazatine

Main Uses: Fungicide

JMPR: 1978 (T,R), 1980 (R), 1997 (T,R)

ADI: mg/kg body weight ADI withdrawn (1997)

Acute RfD: N/A

Residue: Guazatine

Note: Until 1986 the ISO name guazatine was applied to iminoctadine. However, now the ISO name guazatine applies to a reaction mixture.

The proposals remain as guideline levels until a new ADI is recommended. Previous ADI 0.03 mg/kg bw (1978).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0080	Cereal grains	0.05 (*)	G		CXL	97	31		1999	
FC 0001	Citrus fruits	5	Po		CXL		31		1999	