

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of  
the United Nations



World Health  
Organization

# E

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - Fax: (+39) 06 5705 4593 - E-mail: [codex@fao.org](mailto:codex@fao.org) - [www.codexalimentarius.org](http://www.codexalimentarius.org)

Agenda Item 6

**CX/PR 17/49/05**

March 2017

**ORIGINAL LANGUAGE ONLY**

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

49<sup>th</sup> Session

Beijing, P.R. China, 24-29 April 2017

### 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 Year Document Reference No. Session Year Document Reference No.  
No. No.

1	1966	ALINORM 66/24	25	1993	ALINORM 93/24A
2	1967	ALINORM 68/24	26	1994	ALINORM 95/24
3	1968	ALINORM 69/24	27	1995	ALINORM 95/24A
4	1969	ALINORM 70/24	28	1996	ALINORM 97/24
5	1970	ALINORM 71/24	29	1997	ALINORM 97/24A
6	1972	ALINORM 72/24A	30	1998	ALINORM 99/24
7	1974	ALINORM 74/24	31	1999	ALINORM 99/24A
8	1975	ALINORM 76/24	32	2000	ALINORM 01/24
9	1977	ALINORM 78/24	33	2001	ALINORM 01/24A
10	1978	ALINORM 79/24	34	2002	ALINORM 03/24
11	1979	ALINORM 79/24A	35	2003	ALINORM 03/26A
12	1980	ALINORM 81/24	36	2004	ALINORM 04/27/24
13	1981	ALINORM 83/24	37	2005	ALINORM 05/28/24
14	1982	ALINORM 83/24A	38	2006	ALINORM 06/29/24
15	1983	ALINORM 85/24	39	2007	ALINORM 07/30/24
16	1984	ALINORM 85/24A	40	2008	ALINORM 08/31/24
17	1985	ALINORM 85/24B	41	2009	ALINORM 09/32/24
18	1986	ALINORM 87/24	42	2010	ALINORM 10/33/24
19	1987	ALINORM 87/24A	43	2011	REP11/PR
20	1988	ALINORM 89/24	44	2012	REP12/PR
21	1989	ALINORM 89/24A	45	2013	REP13/PR
22	1990	ALINORM 91/24	46	2014	REP14/PR
23	1991	ALINORM 91/24A	47	2015	REP15/PR
24	1992	ALINORM 93/24	48	2016	REP16/PR

**6. CLASSIFICATION OF USES**

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

**INDEX OF PESTICIDES IN ALPHABETICAL ORDER**

ABAMECTIN (177)	CARTAP (97)	DIFLUBENZURON (130)
ACEPHATE (95)	CHINOMETHIONAT (80)	DIMETHENAMID-P (214)
ACETAMIPRID (246)	CHLORANTRANILIPROLE (230)	DIMETHIPIN (151)
ACETOCHLOR (280)	CHLORDANE (12)	DIMETHOATE (27)
ACIBENZOLAR-S-METHYL (288)	CHLORDIMEFORM (13)	DIMETHOMORPH (225)
ALDICARB (117)	CHLORFENAPYR (254)	DINOCAP (87)
ALDRIN AND DIELDRIN (1)	CHLORFENVINPHOS (14)	DINOTEFURAN (255)
AMETOCTRADIN (260)	CHLORMEQUAT (15)	DIOXATHION (28)
AMINOCARB (134)	CHLOROBENZILATE (16)	DIPHENYL (29)
AMINOCYCLOPYRACHLOR (272)	CHLOROTHALONIL (81)	DIPHENYLAMINE (30)
AMINOMETHYL PHOPHONIC ACID (AMPA) (198)	CHLORPROPHAM (201)	DIQUAT (31)
AMINOPYRALID (220)	CHLORPYRIFOS (17)	DISULFOTON (74)
AMITRAZ (122)	CHLORPYRIFOS-METHYL (90)	DITHIANON (180)
AMITROLE (79)	CIPRODINIL (207)	DITHIOCARBAMATES (105)
ANILAZINE (163)	CLETHODIM (187)	DODINE (84)
AZINPHOS-ETHYL (68)	CLOFENTEZINE (156)	EDIFENPHOS (99)
AZINPHOS-METHYL (2)	CLOTHIANIDIN (238)	EMAMECTIN BENZOATE (247)
AZOCYCLOTIN (129)	COUMAPHOS (18)	ENDOSULFAN (32)
AZOXYSTROBIN (229)	CRUFOMATE (19)	ENDRIN (33)
BENALAXYL (155)	CYANOFENPHOS (91)	ESFENVALERATE (204)
BENDIOCARB (137)	CYANTRANILIPROLE (263)	ETHEPHON (106)
BENOMYL (69)	CYAZOFAMID (281)	ETHIOFENCARB (107)
BENTAZONE (172)	CYCLOXYDIM (179)	ETHION (34)
BENZOVINDIFLUPYR (261)	CYFLUMETOFEN (273)	ETHOPROPHOS (149)
BETA CYFLUTHRIN (228)	CYFLUTHRIN (157)	ETHOXYQUIN (35)
BIFENAZATE (219)	CYHALOTHRIN (146)	ETHYLENE THIOUREA (ETU) (108)
BIFENTHRIN (178)	CYHEXATIN (67)	ETOFENPROX (184)
BINAPACRYL (3)	CYPERMETHRIN (118)	ETOXAZOLE (241)
BIORESMETHRIN (93)	CYPROCONAZOLE (239)	ETRIMFOS (123)
BITERTANOL (144)	CYPRODINIL (207)	FAMOXADONE (208)
BIXAFEN (262)	CYROMAZINE (169)	FENAMIPHOS (85)
BOSCALID (221)	DAMINOZIDE1 (4)	FENAMIDONE (264)
BROMIDE ION (47)	2,4-D (20)	FENARIMOL (192)
BROMOPHOS (4)	DDT (21)	FENBUCONAZOLE (197)
BROMOPHOS-ETHYL (5)	DELTAMETHRIN1 (35)	FENBUTATIN OXIDE (109)
BROMOPROPYLATE (70)	DEMETON (92)	FENCHLORPHOS (36*)
BUPROFEZIN (173)	DEMETON-S-METHYL (73)	FENHEXAMID (215)
BUTOCARBOXIM (139)	DEMETON-S-METHYLSULPHON (164)	FENITROTHION (37)
CADUSAFOS (174)	DIALIFOS (98)	FENPROPATHRIN (185)
CAMPHECHLOR (71)	DIAZINON (22)	FENPROPIMORPH (188)
CAPTAFOL (6)	1,2-DIBROMOETHANE (23)	FENPYROXIMATE (193)
CAPTAN (7)	DICAMBA (240)	FENSULFOTHION (38)
CARBARYL (8)	DICHLORUANID (82)	FENTHION (39)
CARBENDAZIM (72)	1,2-DICHLOROETHANE (24)	FENTIN (40)
CARBOFURAN (96)	DICHLORBENIL (274)	FENVALERATE (119)
CARBON DISULPHIDE (9)	DICHLORVOS (25)	FIPRONIL (202)
CARBON TETRACHLORIDE (10)	DICLORAN (83)	FLONICAMID (282)
CARBOPHENOTHION (11)	DICOFOL (26)	FLUAZIFOP-P-BUTYL (283)
CARBOSULFAN (145)	DIFENOCONAZOLE (224)	FLUBENDIAMIDE (242)

FLUCYTHRINATE (152)	METHACRIFOS (125)	PYMETROZINE (279)
FLUDIOXONIL (211)	METHAMIDOPHOS (100)	PYRACLOSTROBIN (210)
FLUENSULFONE (265)	METHIDATHION (51)	PYRAZOPHOS (153)
FLUFENOXURON (275)	METHIOCARB (132)	PYRETHRINS (63)
FLUMETHRIN (195)	METHOMYL (94)	PYRIMETHANIL (226)
FLUMIOXAZIN (284)	METHOPRENE (147)	PYRIPROXYFEN (200)
FLUOPICOLIDE (235)	METHOXYFENOZIDE (209)	QUINCLORAC (287)
FLUOPYRAM (243)	METHYL BROMIDE (52)	QUINOXYFEN (222)
FLUPYRADIFURONE (285)	METIRAM (186)	QUINTOZENE (64)
FLUSILAZOLE (165)	METRAFENONE (278)	SAFLUFENACIL (251)
FLUTOLANIL (205)	MEVINPHOS (53)	SEC-BUTYLAMINE (89)
FLUTRIAFOL (248)	MONOCROTOPHOS (54)	SEDAXANE (259)
FLUXAPYROXAD (256)	MYCLOBUTANIL (181)	SPINETORAM (233)
FOLPET (41)	NITROFEN (140)	SPINOZAD (203)
FORMOTHION (42)	NOVALURON (217)	SPIRODICLOFEN (237)
GLUFOSINATE-AMMONIUM (175)	OMETHOATE (55)	SPIROMESIFEN (294)
GLYPHOSATE1 (58)	OXAMYL (126)	SPIROTETRAMATE (234)
GUAZATINE (114)	OXATHIAPIROLIN (291)	SULFOXAFLOL (252)
HALOXYFOP (194)	OXYDEMETON-METHYL (166)	SULFURYL FLUORIDE (218)
HEPTACHLOR (43)	PACLOBUTRAZOL (161)	2,4,5-T (121)
HEXACHLOROBENZENE (44)	PARAQUAT (57)	TEBUCONAZOLE (189)
HEXACONAZOLE (170)	PARATHION (58)	TEBUFENOZIDE (196)
HEXYTHIAZOX (176)	PARATHION-METHYL (59)	TECNAZENE (115)
HYDROGEN CYANIDE (45)	PENCONAZOLE (182)	TEFLUBENZURON (190)
HYDROGEN PHOSPHIDE (46)	PENDIMETHALIN (292)	TERBUFOS (167)
IMAZALIL (110)	PENTHIOPYRAD (253)	THIABENDAZOLE (65)
IMAZAMOX (276)	PERMETHRIN (120)	THIACLOPRID (223)
IMAZAPIC (266)	PHENOTHRIN (127)	THIAMETHOXAM (245)
IMAZAPYR (267)	PHENTHOATE (128)	THIODICARB (154)
IMAZETHAPYR (289)	2-PHENYLPHENOL (56)	THIOMETON (76)
IMIDACLOPRIDE (206)	PHORATE (112)	THIOPHANATE-METHYL (77)
INDOXACARB (216)	PHOSALONE (60)	TOLCLOFOS-METHYL (191)
IPRODIONE (111)	PHOSMET (103)	TOLFENPYRAD (269)
ISOFENPHOS (131)	PHOSPHAMIDON (61)	TOLYLFLUANID (162)
ISOFETAMID (290)	PHOXIM (141)	TRIADIMEFON (133)
ISOPYRAZAM (249)	PICOXYSTROBIN (258)	TRIADIMENOL (168)
ISOXAFLUTOLE (268)	PINOXADEN (293)	TRIAZOPHOS (143)
KRESOXIM-METHYL (199)	PIPERONYL BUTOXIDE (62)	TRICHLORFON (66)
LEPTOPHOS (88)	PIRIMICARB (101)	TRIFLOXYSTROBIN (213*)
LINDANE (48)	PIRIMIPHOS-METHYL (86)	TRIFLUMIZOLE (270)
LUFENURON (286)	PROCHLORAZ (142)	TRIFORINE (116)
MALATHION (49)	PROCYMIDONE (136)	TRINEXAPAC-ETHYL (271)
MALEIC HYDRAZIDE (102)	PROFENOFOS (171)	VAMIDOTHION (78)
MANCOZEB (50)	PROPAMOCARB (148)	VINCLOZOLIN (159)
MANDIPROPAMID (231)	PROPARGITE (113)	ZOXAMIDE (227)
MCPA (257)	PROPHAM (183)	
MECARBAM (124)	PROPICONAZOLE (160)	
MEPTYLDINOCAP (244)	PROPOXUR (75)	
MESOTRIONE (277)	PROPYLENE OXIDE (250)	
METAFLUMIZONE (236)	PROPYLENE THIOUREA (PTU)	
METALAXYL (138)	(150)	
METALAXYL-M (212)	PROTHIOCONAZOLE (232)	

**INDEX OF PESTICIDES IN CODE ORDER**

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



137	BENDIOCARB	182	PENCONAZOLE	228	BETA CYFLUTHRIN
138	METALAXYL	183	PROPHAM	229	AZOXYSTROBIN
139	BUTOCARBOXIM	184	ETOFENPROX	230	CHLORANTRANILIPROLE
140	NITROFEN	185	FENPROPATHRIN	231	MANDIPROPAMID
141	PHOXIM	186	METIRAM	232	PROTHIOCONAZOLE
142	PROCHLORAZ	187	CLETHODIM	233	SPINETORAM
143	TRIAZOPHOS	188	FENPROPIMORPH	234	SPIROTETRAMATE
144	BITERTANOL	189	TEBUCONAZOLE	235	FLUOPICOLIDE
145	CARBOSULFAN	190	TEFLUBENZURON	236	METAFLUMIZONE
146	CYHALOTHRIN	191	TOLCLOFOS-METHYL	237	SPIRODICLOFEN
147	METHOPRENE	192	FENARIMOL	238	CLOTHIANIDIN
148	PROPAMOCARB	193	FENPYROXIMATE	239	CYPROCONAZOLE
149	ETHOPROPHOS	194	HALOXYFOP	240	DICAMBA
150	PROPYLENE THIOUREA (PTU)	195	FLUMETHRIN	241	ETOXAZOLE
151	DIMETHIPIN	196	TEBUFENOZIDE	242	FLUBENDIAMIDE
152	FLUCYTHRINATE	197	FENBUCONAZOLE	243	FLUOPYRAM
153	PYRAZOPHOS	198	AMINOMETHYL PHOPHONIC ACID (AMPA)	244	MEPTYLDINOCAP
154	THIODICARB	199	KRESOXIM-METHYL	245	THIAMETHOXAM
155	BENALAXYL	200	PYRIPROXYFEN	246	ACETAMIPRID
156	CLOFENTEZINE	201	CHLORPROPHAM	247	EMAMECTIN BENZOATE
157	CYFLUTHRIN	202	FIPRONIL	248	FLUTRIAFOL
158	GLYPHOSATE	203	SPINOZAD	249	ISOPYRAZAM
159	VINCLOZOLIN	204	ESFENVALERATE	250	PROPYLENE OXIDE
160	PROPICONAZOLE	205	FLUTOLANIL	251	SAFLUFENACIL
161	PACLOBUTRAZOL	206	IMIDACLOPRID	252	SULFOXAFLOL
162	TOLYLFLUANID	207	CYPRODINIL	253	PENTHIOPYRAD
163	ANILAZINE	208	FAMOXADONE	254	CHLORFENAPYR
164	DEMETON-S- METHYLSULPHON	209	METHOXYFENOZIDE	255	DINOTEFURAN
165	FLUSILAZOLE	210	PYRACLOSTROBIN	256	FLUXAPYROXAD
166	OXYDEMETON-METHYL	211	FLUDIOXONIL	257	MCPA
167	TERBUFOS	212	METALAXYL-M	258	PICOXYSTROBIN
168	TRIADIMENOL	213	TRIFLOXYSTROBIN	259	SEDAXANE
169	CYROMAZINE	214	DIMETHENAMID-P	260	AMETOCTRADIN
170	HEXACONAZOLE	215	FENHEXAMID	261	BENZOVINDIFLUPYR
171	PROFENOFOS	216	INDOXACARB	262	BIXAFEN
172	BENTAZONE	217	NOVALURON	263	CYANTRANILIPROLE
173	BUPROFEZIN	218	SULFURYL FLUORIDE	264	FENAMIDONE
174	CADUSAFOS	219	BIFENAZATE	265	FLUENSULFONE
175	GLUFOSINATE- AMMONIUM	220	AMINOPYRALID	266	IMAZAPIC
176	HEXYTHIAZOX	221	BOSCALID	267	IMAZAPYR
177	ABAMECTIN	222	QUINOXYFEN	268	ISOXAFLUTOLE
178	BIFENTHRIN	223	THIACLOPRID	269	TOLFENPYRAD
179	CYCLOXYDIM	224	DIFENOCONAZOLE	270	TRIFLUMIZOLE
180	DITHIANON	225	DIMETHOMORPH	271	TRINEXAPAC-ETHYL
181	MYCLOBUTANIL	226	PYRIMETHANIL	272	AMINOCYCLOPYRACHLOR
		227	ZOXAMIDE	273	CYFLUMETOFEN
				274	DICHLORBENIL

- 275 FLUFENOXURON
- 276 IMAZAMOX
- 277 MESOTRIONE
- 278 METRAFENONE
- 279 PYMETROZINE
- 280 ACETOCHLOR
- 281 CYAZOFAMID
- 282 FLONICAMID
- 283 FLUAZIFOP-P-BUTYL
- 284 FLUMIOXAZIN
- 285 FLUPYRADIFURONE
- 286 LUFENURON
- 287 QUINCLORAC
- 288 ACIBENZOLAR-S-METHYL
- 289 IMAZETHAPYR
- 290 ISOFETAMID
- 291 OXATHIPIPROLIN
- 292 PENDIMETHALIN
- 293 PINOXADEN
- 294 SPIROMESIFEN

**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**

<b>Code</b>	<b>Name</b>	<b>Year of Withdrawn by Codex Alimentarius Commission</b>	<b>Notes</b>
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	

<b>Code</b>	<b>Name</b>	<b>Year of Withdrawn by Codex Alimentarius Commission</b>	<b>Notes</b>
73	Demeton-S-Methyl	1999	See Oxydemeton-Methyl
75	Propoxur	2001	
76	Thiometon	1999	
77	Thiophanate-Methyl	2003	See Carbendazim
78	Vamidothion	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	

<b>Code</b>	<b>Name</b>	<b>Year of Withdrawn by Codex Alimentarius Commission</b>	<b>Notes</b>
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	

**PART 1**

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

**(AT VARIOUS STEPS OF THE CODEX PROCEDURE)**

**2 Azinphos-Methyl**

Main Uses: Insecticide

JMPR: 1965 (T), 1968 (T,R), 1972 (R), 1973 (T), 1974 (R), 1991 (T,R), 1992 (corr. to 1991 report), 1993 (R), 1995 (R), 2007 (T)

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

Acute RfD: 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 (includes all commodities in this subgroup)	2			CXL		29		1997	
AL 1031	Clover hay or fodder	5			CXL				1995	
SO 0691	Cotton seed	0.2			CXL				1995	
FB 0265	Cranberry	0.1			CXL				1995	
VC 0424	Cucumber	0.2			CXL				1995	
AO 0002	Fruits (except as otherwise listed)	1			CXL				1995	
VC 0046	Melons, except watermelon	0.2			CXL				1995	
FS 0245	Nectarine	2			CXL		29		1997	
FS 0247	Peach	2			CXL		29		1997	
FP 0230	Pear	2			CXL		29		1997	
TN 0672	Pecan	0.3			CXL				1995	
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimiento)	1			CXL				1995	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	2			CXL		29		1997	
VR 0589	Potato	0.05 (*)			CXL				1995	
VD 0541	Soya bean (dry)	0.05 (*)			CXL				1995	
HS 0093	Spices	0.5 (*)			CXL		37		2005	
GS 0659	Sugar cane	0.2			CXL				1995	
VO 0448	Tomato	1			CXL		29		1997	
AO 0002	Vegetables (except as otherwise listed)	0.5			CXL				1995	
TN 0678	Walnuts	0.3			CXL				1995	
VC 0432	Watermelon	0.2			CXL				1995	

**7 Captan**

Main Uses: Fungicide

JMPR: 1965 (T), 1969 (T,R), 1973 (T), 1974 (R), 1977 (T,R), 1978 (T,R), 1980 (R), 1982 (T), 1984 (T,R), 1986 (R), 1987 (R and corr. to 1986 R evaluation), 1990 (T,R), 1991 (corr. to 1990 R evaluation), 1994 (R), 1995 (T), 1997 (R), 2000 (R), 2004 (T), 2007 (T)

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

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

Residue: Captan.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.3			CXL	00	34		2003	
FB 0020	Blueberries	20			CXL	94,00	37	28,31,32,34-39	2005	
FS 0013	Cherries (includes all commodities in this subgroup)	25			CXL	97,00	40	28,31,32,34-39	2008	
VC 0424	Cucumber	3			CXL	00	37	34-36	2005	
DF 0269	Dried grapes (=currants, raisins and sultanas)	50			CXL	97,00	40	28,31,32,34-39	2008	
FB 0269	Grapes	25			CXL	97,00	40	28,31,32,34-39	2008	
VC 0046	Melons, except watermelon	10			CXL	00	40	34-39	2008	
FS 0245	Nectarine	3			CXL	94,00	37	28,31,32,34-36	2005	
FS 0247	Peach	20			CXL	00	40	34-39	2008	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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: 1965 (T), 1966 (T,R), 1967 (T,R), 1968 (R), 1969 (T,R), 1970 (R), 1973 (T,R), 1975 (R), 1976 (R), 1977 (R), 1979 (R), 1984 (R), 1996 (T), 2001 (T), 2002 (R), 2007 (R)

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

Acute RfD: 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	
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	

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

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**15 Chlormequat**

Main Uses: Plant growth regulator

JMPR: 1970 (T,R), 1972 (T,R), 1976 (R), 1985 (R), 1994 (T,R), 1997 (T), 1999 (ARfD), 2000 (R)

ADI: 0.05 mg/kg bw (1997)

Acute RfD: 0.05 mg/kg bw (1999)

Residue: Chlormequat cation (usually used as the chloride).

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

**17 Chlorpyrifos**

Main Uses: Insecticide

JMPR:1972 (T,R), 1974 (R), 1975 (R), 1977 (T,R), 1981 (R), 1982 (T,R), 1983 (R), 1989 (R), 1995 (R), 1999 (T), 2000 (R), 2004 (R), 2006 (R)

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

Acute RfD: 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	
FS 0247	Peach	0.5			CXL 00		35	34	2003	
VP 0063	Peas (pods and succulent=immature seeds)	0.01			CXL 00		35	34	2003	
TN 0672	Pecan	0.05	(*)		CXL 00		35	34	2003	
HS 0444	Peppers Chili, dried	20			CXL 04		38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimienta)	2			CXL 00		35	34	2003	
MM 0818	Pig meat	0.02	(fat)		CXL 00		35	34	2003	
MO 0818	Pig, Edible offal of	0.01	(*)		CXL 00		35	34	2003	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM	0110	Poultry meat	0.01	(fat)	CXL	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: 1970 (T,R), 1971 (T,R), 1974 (T,R), 1975 (T,R), 1980 (R), 1985 (R), 1986 (R), 1987 (corr. to 1986 report, Annex I), 1996 (T), 1997 (E), 1998 (R), 2001 (R)

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

Acute RfD: Unnecessary (2001)

Residue: 2,4-D.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1965 (T), 1966 (T), 1967 (R), 1968 (T,R), 1970 (T,R), 1975 (R), 1979 (R), 1993 (T,R), 1994 (R), 1996 (R), 1999 (R), 2001 (T), 2006 (T,R), 2016 (T)

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

Acute RfD: 0.03 mg/kg bw (2006)

Residue: For compliance with MRLs and estimation of dietary intake: diazinon. 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					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 (includes all commodities in this subgroup)	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
MO	0098 Kidney of cattle, goats, pigs and sheep	0.03	V		CXL	96,99	36	30,33-35		2004
				The MRL accommodates external animal treatment.						
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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0099	Liver of cattle, goats, pigs & sheep	0.03	V	The MRL accommodates external animal treatment.	CXL	96,99	36	30,33-35	2004	
GC 0645	Maize	0.02	(*)		CXL				1995	
MM 0097	Meat of cattle, pigs & sheep	2	(fat) V	The MRL accommodates external animal treatment.	CXL	96,99	36	30,33-35	2004	
ML 0106	Milks	0.02	F	The MRL accommodates external animal treatment.	CXL	96,99			1995	
VA 0385	Onion, Bulb	0.05			CXL				1995	
FS 0247	Peach	0.2			CXL		28		1997	
HS 0444	Peppers Chili, dried	0.5			CXL	04	38	37	2006	
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.05			CXL				1995	
FI 0353	Pineapple	0.1			CXL		28		1997	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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	
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: 1965 (T,R), 1966 (T,R), 1967 (T,R), 1969 (R), 1970 (T,R), 1974 (R), 1977 (T), 1993 (T,R), 2011 (T), 2012 (R)

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

Acute RfD: 0.1 mg/kg bw (2011)

Residue: Definition of the 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: 1968 (T,R), 1970 (R), 1974 (R), 1992 (T,R), 1994 (R), 2011 (T), 2012 (R)

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

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

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1965 (T), 1966 (T), 1967 (T,R), 1970 (R), 1973 (R in evaluation of formothion), 1977 (R), 1978 (R), 1983 (R) 1984 (T,R), 1986 (R), 1987 (T,R), 1988 (R), 1990 (R), 1991 (corr. to 1990 evaluation), 1994 (R), 1996 (T), 1998 (R), 2003 (T,R), 2004 (corr. to 2003 report), 2006 (R), 2008 (R)

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

Acute RfD: 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 (includes all commodities in this subgroup)	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	
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: 1969 (T,R), 1976 (T,R), 1979 (R), 1982 (T), 1984 (T,R), 1998 (T), 2001 (R), 2003 (R), 2008 (R)

ADI: 0.08 mg/kg bw (1998)

Acute RfD: Unnecessary (1998)

Residue: Diphenylamine.

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

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

**31 Diquat**

Main Uses: Herbicide

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

ADI: 0–0.006 mg/kg bw (2013)

Acute RfD: 0.8 mg/kg bw (2013)

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

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.02 (*)			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).
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).
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	
TN	0295 Cashew nut	0.02 (*)			CXL	2013	46		2014	
FC	0001 Citrus fruits	0.02 (*)			CXL	2013	46		2014	
SB	0716 Coffee beans	0.02 (*)			CXL	2013	46		2014	

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	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	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	0.01	(*)	4	2013	46			
VO	0050	Fruiting vegetables other than cucurbits	0.01	(*)	Except sweetcorn, fungi and mushrooms	CXL 2013	46			2014

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 from regarding the revocation of these CXLs by the 2013 JMPR was no longer relevant (46:40).
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).
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0009	Pome fruits	0.02	(*)	CXL	2013	46		2014	
VR	0589	Potato	0.1		CXL	2013	46		2014	
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	
VD	4521	Soybean (dry)	0.3		CXL	2013	46		2014	
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	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: 1965 (T), 1967 (T,R), 1968 (T,R), 1971 (R), 1974 (R), 1975 (R), 1982 (T), 1985 (T,R), 1989 (T,R), 1993 (R), 1998 (T), 2006 (R), 2010 (R)

ADI: 0.006 mg/kg bw (1998)

Acute RfD: 0.02 mg/kg bw (1998)

Residue: Definition of the 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	
TN 0669	Macadamia nuts	0.02		(*)	CXL	06	39		2007	
FI 0345	Mango	0.5			CXL	06	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.2		(fat)	CXL	06	39		2007	
VC 0046	Melons, except watermelon	2			CXL	06	39		2007	
FM 0183	Milk fats	0.1			CXL	06	39		2007	
ML 0106	Milks	0.01			CXL	06	39		2007	
FI 0350	Papaya	0.5			CXL	06	39		2007	
FI 0352	Persimmon, American	2			CXL	06	39		2007	
VR 0589	Potato	0.05		(*)	CXL	06	39		2007	
PM 0110	Poultry meat	0.03		(*)	CXL	06	39		2007	
PO 0111	Poultry, Edible offal of	0.03		(*)	CXL	06	39		2007	
VD 0541	Soya bean (dry)	1			CXL	06	39		2007	
OC 0541	Soya bean oil, Crude	2			CXL	06	39		2007	
HS 0191	Spices, Fruits and Berries	5			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	0.5			CXL		37		2005	
HS 0190	Spices, Seeds	1			CXL		37		2005	
VC 0431	Squash, summer	0.5			CXL	06	39		2007	
VR 0508	Sweet potato	0.05		(*)	CXL	06	39		2007	
DT 1114	Tea, Green, Black (black, fermented and dried)	10			CXL		43		2011	
VO 0448	Tomato	0.5			CXL		35	32,34	2003	

**34 Ethion**

Main Uses: Insecticide

JMPR: 1968 (T,R), 1969 (R), 1970 (R), 1972 (T,R), 1975 (R), 1982 (T), 1983 (R), 1985 (T), 1986 (T), 1989 (T), 1990 (T), 1994 (R)

ADI: 0.002 mg/kg bw (1990)

Acute RfD: N/A

Residue: Ethion (fat-soluble).

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

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

**35 Ethoxyquin**

Main Uses: Scald control agent

JMPR: 1969 (T,R), 1998 (T), 1999 (R), 2005 (T), 2008 (R)

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

Acute RfD: 0.5 mg/kg bw (2005)

Residue: Ethoxyquin.

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

Commodity Code	Commodity 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: 1969 (T,R), 1974 (T,R), 1976 (R), 1977 (T,R), 1979 (R), 1982 (T), 1983 (R), 1984 (T,R), 1986 (T,R), 1987 (R and corr. to 1986 R evaluation), 1988 (T), 1989 (R), 2000 (T), 2003 (R), 2004 (R, corr. to 2003 report), 2007 (T,R)

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

Acute RfD: 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: 1971 (T,R), 1975 (T,R), 1977 (R), 1978 (T,R), 1979 (T), 1980 (T), 1983 (R), 1989 (R), 1995 (T,R,E), 1996 (corr. to 1995 report), 1997 (T), 2000 (R)

ADI: 0.007 mg/kg bw (1995)

Acute RfD: 0.01 mg/kg bw (1997)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013	Cherries (includes all commodities in this subgroup)	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					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: 1969 (T,R), 1973 (T), 1974 (R), 1982 (T), 1984 (T,R), 1986 (T), 1987 (R), 1990 (T,R), 1991 (corr. to 1990 R evaluation), 1993 (T,R), 1994 (R), 1995 (T), 1997 (R), 1998 (R), 1999 (R) , 2002 (T), 2004 (T), 2007 (T)

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

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

Residue: Folpet.

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

**46 Hydrogen Phosphide**

Main Uses: Fumigant

JMPR: 1965 (T,R), 1966 (T,R), 1967 (R), 1969 (R), 1971 (R)

ADI: mg/kg bw Not necessary.

Acute RfD: N/A

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

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

**47 Bromide Ion**

Main Uses: Generic

JMPR: 1968 (R), 1969 (T,R), 1971 (R), 1979 (R), 1981 (R), 1983 (R), 1988 (T,R), 1989 (R), 1992 (R)

ADI: 1 mg/kg bw (confirmed 1988)

Acute RfD: N/A

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0326	Avocado			CXL					
VP	0522	Broad bean (green pods and immature seeds)			CXL		28		1997	
VB	0400	Broccoli			CXL		28		1997	
VB	0041	Cabbages, Head			CXL				1991	
VS	0624	Celery			CXL				1991	
GC	0080	Cereal grains			CXL				1991	
FC	0001	Citrus fruits			CXL					
VC	0424	Cucumber			CXL		28		1997	
DF	0295	Dates, Dried or dried and candied			CXL					
DF	0167	Dried fruits		Except as otherwise listed	CXL					
DF	0269	Dried grapes (=currants, raisins and sultanas)			CXL					
DH	0170	Dried herbs			CXL					
DF	0297	Figs, Dried or dried and candied			CXL					
AO	0002	Fruits (except as otherwise listed)			CXL					
VP	0528	Garden pea (young pods)(=succulent, immature seeds)			CXL		28		1997	
VL	0482	Lettuce, Head			CXL					
VO	0442	Okra			CXL		28		1997	
DF	0247	Peach, Dried			CXL					
HS	0444	Peppers Chili, dried			CXL	04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimiento)			CXL		28		1997	
FS	4072	Prunes (see plums)			CXL					
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: 1965 (T), 1966 (T,R), 1967 (corr. to 1966 R evaluation), 1968 (R), 1969 (R), 1970 (R), 1973 (R), 1975 (R), 1977 (R), 1984 (R), 1997 (T), 1999 (R), 2000 (R), 2003 (T), 2004 (R), 2005 (R), 2008 (R), 2013 (R), 2016 (T)

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

Acute RfD: 2 mg/kg bw (2003)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.5			CXL	04	38	37	2006	
VS	0621 Asparagus	1			CXL	99	36	33-35	2004	
VD	0071 Beans (dry)	2			CXL	99	34	33	2003	
VP	0061 Beans, except broad bean and soya bean	1			CXL	99	36	33-35	2004	
FB	0020 Blueberries	10			CXL	99	36	33-35	2004	
FS	0013 Cherries (includes all commodities in this subgroup)	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	
VA	0385 Onion, Bulb	1			CXL	99	36	33-35	2004	
VO	0051 Peppers	0.1			CXL	99	34	33	2003	
HS	0444 Peppers Chili, dried	1			CXL	04	38	37	2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0651 Sorghum	3			CXL	99	38	33-37	2006	
HS	0191 Spices, Fruits and Berries	1			CXL		37		2005	
HS	0193 Spices, Roots and Rhizomes	0.5			CXL		37		2005	
HS	0190 Spices, Seeds	2			CXL		37		2005	
VL	0502 Spinach	3			CXL	99	34	33	2003	
VA	0389 Spring Onion	5			CXL	99	36	33,35	2004	
FB	0275 Strawberry	1			CXL	99				
VO	0447 Sweet corn (corn-on-the-cob)	0.02			CXL	99	36	33-35	2004	
VO	0448 Tomato	0.5			CXL	99	34	33	2003	
JF	0448 Tomato juice	0.01			CXL	99	36	33-35	2004	
VL	0506 Turnip greens	5			CXL	99	36	33-35	2004	
VR	0506 Turnip, Garden	0.2			CXL	99	34	33	2003	
GC	0654 Wheat	10			CXL	08	41		2009	
CM	0654 Wheat bran, Unprocessed	25			CXL	08	41		2009	
CF	1211 Wheat flour	0.2			CXL	00	38	33,35-37	2006	

**51 Methidathion**

Main Uses: Insecticide

JMPR: 1972 (T,R), 1975 (T,R), 1979 (R), 1992 (T,R), 1994 (R), 1997 (T)

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

Acute RfD: 0.01 mg/kg bw (1997)

Residue: Methidathion.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0353	Pineapple			CXL					
FS	0014	Plums (including prunes) (includes all commodities in this subgroup)			CXL					
VR	0589	Potato			CXL					
PF	0111	Poultry fats			CXL					
PM	0110	Poultry meat			CXL					
PO	0111	Poultry, Edible offal of			CXL					
VR	0494	Radish			CXL		28		1997	
SO	0495	Rape seed			CXL					
SO	0699	Safflower seed			CXL		28		1997	
MF	0822	Sheep fat		(*)	CXL				1995	
GC	0651	Sorghum			CXL					
HS	0191	Spices, Fruits and Berries			CXL		43		2011	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2011	
VR	0596	Sugar beet		(*)	CXL		28		1997	
SO	0702	Sunflower seed			CXL		28		1997	
FT	0305	Table Olives			CXL				1995	
DT	1114	Tea, Green, Black (black, fermented and dried)			CXL		28		1997	
VO	0448	Tomato			CXL					
TN	0678	Walnuts		(*)	CXL		28		1997	

**55 Omethoate**

Main Uses: Insecticide

JMPR: 1971 (T,R), 1975 (T,R), 1978 (T,R), 1979 (T), 1981 (T,R), 1984 (R), 1985 (T), 1986 (R), 1987 (R), 1988 (R), 1990 (R), 1998 (R)

ADI: mg/kg bw (See (27) dimethoate for ADI)

Acute RfD: N/A

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

Note: The compound is no longer supported. All CXLs deleted by the CAC in 2003. Omethoate was withdrawn from the Codex list by the 36th Session of the CCPR (ALINORM 04/27/24, para. 95 and Appendix V) and consequently recommended for revocation by the Commission. The 27th Session of the Codex Alimentarius Commission revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).

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: 1969 (T,R), 1975 (R), 1983 (T), 1985 (T,R), 1989 (T), 1990 (T,R), 1999 (T,R), 2002 (R)

ADI: 0.4 mg/kg bw (1999)

Acute RfD: Unnecessary (1999)

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

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

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

**57 Paraquat**

Main Uses: Herbicide

JMPR: 1970 (T,R), 1972 (T,R), 1976 (T,R), 1978 (R), 1981 (R), 1982 (T), 1985 (T), 1986 (T), 2003 (T), 2004 (R), 2009 (R)

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

Acute RfD: 0.006 mg/kg bw (2009)

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.01 (*)			CXL	04	38	37	2006	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.01 (*)			CXL	04	38	37	2006	
FB 0018	Berries and other small fruits	0.01 (*)			CXL	04	38	37	2006	
FC 0001	Citrus fruits	0.02			CXL	04	38	37	2006	
SO 0691	Cotton seed	2			CXL	04	38	37	2006	
MO 0105	Edible offal (mammalian)	0.05			CXL	04	38	37	2006	
PE 0112	Eggs	0.005 (*)			CXL	04	38	37	2006	
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	
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: 1965 (T), 1967 (T,R), 1969 (R), 1970 (R), 1984 (R), 1991 (R), 1995 (T,R), 1997 (R), 2000 (R)

ADI: 0.004 mg/kg bw (1995)

Acute RfD: 0.01 mg/kg bw (1995)

Residue: Parathion.

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

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



**59 Parathion-Methyl**

Main Uses: Insecticide

JMPR: 1965 (T), 1968 (T,R), 1972 (R), 1975 (T,R), 1978 (T,R), 1979 (T), 1980 (T), 1982 (T), 1984 (T,R), 1991 (R), 1992 (R), 1994 (R), 1995 (T), 2000 (R), 2003 (R)

ADI: 0.003 mg/kg bw (1995)

Acute RfD: 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: Acute RfD 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: 1972 (T,R), 1975 (R), 1976 (R), 1993 (T), 1994 (R), 1997 (T), 1999 (R), 2001 (T)

ADI: 0.02 mg/kg bw (1997)

Acute RfD: 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	0.1		CXL	99	33		2001	
FP	0226	Apple	5		CXL		28		1997	
TN	0666	Hazelnuts	0.05	(*)	CXL	99	33		2001	
FP	0009	Pome fruits	2		CXL	99	35	33,34	2003	
HS	0191	Spices, Fruits and Berries	2		CXL		37		2005	
HS	0193	Spices, Roots and Rhizomes	3		CXL		37		2005	
HS	0190	Spices, Seeds	2		CXL		37		2005	
FS	0012	Stone fruits	2		CXL	99	35	33,34	2003	
TN	0678	Walnuts	0.05	(*)	CXL	99	33		2001	

**62 Piperonyl Butoxide**

Main Uses: Synergist

JMPR: 1965 (T,R), 1966 (T,R), 1967 (R), 1969 (R), 1972 (T,R), 1992 (T,R), 1995 (T), 2001 (R), 2002 (R)

ADI: 0.2 mg/kg bw (1995)

Acute RfD: Unnecessary (2001)

Residue: Piperonyl butoxide (fat-soluble).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO 1280	Cattle kidney	0.3		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
MO 1281	Cattle liver	1			CXL	01	36	34	2004	
MM 0812	Cattle meat	5	(fat)	The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
ML 0812	Cattle milk	0.2		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
GC 0080	Cereal grains	30	Po		CXL	01,02	36	34	2004	
FC 0001	Citrus fruits	5			CXL	01,02	36	34	2004	
JF 0001	Citrus juice	0.05			CXL	01	36	34	2004	
DF 0167	Dried fruits	0.2	Po		CXL	01,02	36	34	2004	
PE 0112	Eggs	1		The MRL accommodates external animal treatment.	CXL	01,02	36	34	2004	
VC 0045	Fruiting vegetables, Cucurbits	1			CXL	01,02	36	34	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2		Except cattle kidney	CXL		02	36	2004	
VL 0483	Lettuce, Leaf	50			CXL	01,02	36	34	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1			CXL	02	36		2004	
OC 0645	Maize oil, Crude	80	PoP		CXL	01,02	36	34	2004	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)	Except cattle meat	CXL	02	36		2004	
ML 0106	Milks	0.05	F		CXL		36	34	2004	
VL 0485	Mustard greens	50			CXL	01,02	36	34	2004	
AL 0072	Pea hay or pea fodder (dry)	200	dry wt		CXL	01,02	36	34	2004	
SO 0703	Peanut, whole	1			CXL	01,02	36	34	2004	
VO 0051	Peppers	2			CXL	01,02	36	34	2004	
HS 0444	Peppers Chili, dried	20			CXL	04	38	37	2006	
PM 0110	Poultry meat	7	(fat)	The MRL accommodates external animal treatment.	CXL	02	36	34	2004	

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

**63 Pyrethrins**

Main Uses: Insecticide

JMPR: 1965 (T), 1966 (T,R), 1967 (R), 1968 (R), 1969 (R), 1970 (T), 1972 (T,R), 1974 (R), 1999 (T), 2000 (R), 2003 (T,R), 2005 (R)

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

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

**64 Quintozene**

Main Uses: Fungicide

JMPR: 1969 (T,R), 1973 (T,R), 1974 (R), 1975 (T,R), 1976 (Annex I, corr. to 1975 R evaluation), 1977 (T,R), 1995 (T,R), 1998 (R)

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

Acute RfD: N/A

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

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

**65 Thiabendazole**

Main Uses: Fungicide

JMPR: 1970 (T,R), 1971 (R), 1972 (R), 1975 (R), 1977 (T,R), 1979 (R), 1981 (R), 1997 (R), 2000 (R), 2006 (T,R)

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

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

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: thiabendazole For compliance with MRLs for animal commodities: sum of thiabendazole and 5-hydroxythiabendazole; and for estimation of dietary intake for animal commodities: sum of thiabendazole, 5-hydroxythiabendazole and its sulfate conjugate.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
VS 0469	Witloof chicory (sprouts)	0.05	(*)		CXL	97	31		1999	

**67 Cyhexatin**

Main Uses: Acaricide

JMPR: 1970 (T,R), 1973 (T,R), 1974 (R), 1975 (R), 1977 (T), 1978 (T,R), 1980 (T), 1981 (T), 1982 (R), 1983 (R), 1985 (R), 1988 (T), 1989 (T), 1991 (T,R), 1992 (R), 1994 (T), 2005 (T,R)

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

Acute RfD: N/A

Residue: Sum of azocyclotin and cyhexatin, expressed as cyhexatin.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	0.2			CXL	05	38		2006	
FB 0021	Currants, Black, Red, White	0.1			CXL	05	38		2006	
FB 0269	Grapes	0.3			CXL	05	38		2006	
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.2			CXL	05	38		2006	
FP 0230	Pear	0.2			CXL	05	38		2006	
HS 0444	Peppers Chili, dried	5			CXL	04	38	37	2006	



**70 Bromopropylate**

Main Uses: Acaricide

JMPR: 1973 (T,R), 1993 (T,R), 1996 (R)

ADI: 0.03 mg/kg bw (1993)

Acute RfD: N/A

Residue: Bromopropylate.

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

**72 Carbendazim**

Main Uses: Fungicide

JMPR: 1973 (T,R), 1976 (R), 1977 (T), 1978 (R), 1983 (T,R), 1985 (T,R), 1987 (R), 1988 (R), 1990 (R), 1994 (R), 1995 (T,E), 1998 (T,R), 2003 (R), 2005 (T), 2012 (R)

ADI: 0.03 mg/kg bw (1995)

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

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 (includes all commodities in this subgroup)	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	
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): several cultivars	1	B		CXL	98	40	32,34,36-39	2008	
FS 0247	Peach	2	B		CXL	94,98	33	28,32	2001	
SO 0697	Peanut	0.1 (*)	Th		CXL	03	38	36,37	2006	
AL 0697	Peanut fodder	3	Th		CXL	03	38	36,37	2006	
VO 0444	Peppers Chili	2	Th		CXL	03	38	36,37	2006	
HS 0444	Peppers Chili, dried	20	C		CXL	04	38	37	2006	
FI 0353	Pineapple	5	B		CXL	98	34	32	2003	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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: 1973 (T,R), 1975 (T,R), 1979 (R), 1981 (R), 1984 (R), 1991 (T,R), 1992 (corr. to 1991 report, Annex I), 1994 (R), 1996 (T), 1998 (R), 2006 (R)

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

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

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

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

**79 Amitrole**

Main Uses: Herbicide

JMPR: 1974 (T,R), 1977 (T), 1993 (T,R), 1997 (T), 1998 (R)

ADI: 0.002 mg/kg bw (1997)

Acute RfD: N/A

Residue: Amitrole.

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

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

**81 Chlorothalonil**

Main Uses: Fungicide

JMPR: 1974 (T,R), 1977 (T,R), 1978 (R), 1979 (T,R), 1981 (T,R), 1983 (T,R), 1984 (corr. to 1983 report and T evaluation), 1985 (T,R), 1987 (T), 1988 (R), 1990 (T,R), 1991 (corr. to 1990 evaluation), 1992 (T), 1993 (R), 1997 (R), 2009 (T), 2010 (R), 2012 (R), 2015 (R)

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

Acute RfD: 0.6 mg/kg bw (2009)

Residue: Definition of the residue (for compliance with MRL) for plant commodities: chlorothalonil.

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

Definition of the residue (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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 (includes all commodities in this subgroup)	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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MF	0100	Mammalian fats (except milk fats)			CXL	10	43		2011	
MM	0095	Meat (from mammals other than marine mammals)			CXL	10	43		2011	
VC	0046	Melons, except watermelon			CXL	10	43		2011	
ML	0106	Milks			CXL	10	43		2011	
VA	0385	Onion, Bulb			CXL	2015	48		2016	
VA	0386	Onion, Chinese			CXL	10	43		2011	
VA	0387	Onion, Welsh			CXL	10	43		2011	
FI	0350	Papaya			CXL	10	43		2011	
FS	2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)			CXL	2015	48		2016	
SO	0697	Peanut			CXL	10	43		2011	
VO	0051	Peppers			CXL	2015	48		2016	
HS	0444	Peppers Chili, dried			CXL	2015	48		2016	
TN	0675	Pistachio nuts			CXL	2015	48		2016	
PF	0111	Poultry fats			CXL	10	43		2011	
PM	0110	Poultry meat			CXL	10	43		2011	
PO	0113	Poultry skin			CXL	10	43		2011	
PO	0111	Poultry, Edible offal of			CXL	10	43		2011	
VD	0070	Pulses			CXL	10	43		2011	
VS	0627	Rhubarb			CXL	2015	48		2016	
VR	0075	Root and tuber vegetables		Except horseradish	CXL	2015	48		2016	
VA	0388	Shallot			CXL	2015	48		2016	
VA	0389	Spring Onion			CXL	10	43		2011	
VC	0431	Squash, summer			CXL	10	43		2011	
FB	0275	Strawberry			CXL	10	43		2011	
VO	0448	Tomato			CXL	2015	48		2016	

**83 Dichloran**

Main Uses: Fungicide

JMPR: 2003 (R)

ADI: 0.01 mg/kg bw (1998)

Acute RfD: Unnecessary (2003)

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

Note: Previous ADI 0.03 mg/kg (1977).

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



**84 Dodine**

Main Uses: Fungicide

JMPR: 1974 (T,R), 1976 (T,R), 1977 (R), 2000 (T), 2003 (R), 2004 (corr. to 2003 report)

ADI: 0.1 mg/kg bw (2000)

Acute RfD: 0.2 mg/kg bw (2000)

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

Note: Previous ADI, 0.01 mg/kg body weight.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013	Cherries (includes all commodities in this subgroup)	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: 1974 (T,R), 1977 (R), 1978 (R), 1980 (R), 1985 (T), 1987 (T), 1997 (T), 1999 (R), 2002 (T), 2006 (R)

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

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

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

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

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

**86 Pirimiphos-Methyl**

Main Uses: Insecticide

JMPR: 1974 (T,R), 1976 (T,R), 1977 (R), 1979 (R), 1983 (R), 1985 (R), 1992 (T), 1994 (R), 2003 (R), 2004 (R, corr. to 2003 report), 2006 (T)

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

Acute RfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1969 (T,R), 1974 (T,R), 1989 (T,R), 1992 (R), 1998 (R), 1999 (R), 2000 (T), 2001 (R)

ADI: 0.008 mg/kg bw (1998)

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

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

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

Commodity 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: 1975 (T,R), 1976 (R, Annex I only), 1979 (R), 1990 (R), 1991 (T,R), 1992 (T and corr. to 1991 report), 1993 (R), 1994 (R), 2001 (T), 2009 (R)

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

Acute RfD: 0.1 mg/kg bw (2009)

Residue: Definition of the 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	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	10	Po		7	1994	47	43,44,45,46		Retained at Step 7 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Maintained at Step 7 awaiting for the 2013 JMPR alternative GAP evaluation (45:25). See rice (46:44).
GC 0640	Barley	3	Po		7	2009	47	43,44,45,46		Advanced to Step 5 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). See rice (46:44).
GC 0080	Cereal grains	5	Po	Except maize and rice	4	2013	47	46		See Note at the bottom.
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	

Note: EU and Norway expressed a reservation related to the MRLs for cereals except maize and rice; and rice, husked based on the different policies on extrapolation and livestock dietary burden estimation used by JMPR and in the EU, and noted that a chronic risk for European consumers could not be excluded. Also noted the reservation expressed by Kenya, with respect to chronic dietary intake estimation and the consequent advancement of the proposed MRLs for cereals. The Delegation noted that the highest percentage of the ADI (110%) was found in the Cluster Diet J, which included several African countries, for which 95% of the IEDI was from consumption of millet and sorghum, including raw grain, flour and beer for both commodities. There was a need to revisit the conclusion made by JMPR in assuming that there may be no public health concern based on the assumption that residues would decrease during processing including cooking grain in water (46:45-46). See rice (46:44). CCPR noted the advice from the 2014 JMPR that the residue trials conducted on heat used lower rates than the critical GAP in Australia and that there is currently not sufficient evidence to support the use of the proportionality approach for post-harvest treatments. As a result, JMPR proposed the withdrawal of the MRLs of 5 mg/kg (Po) for cereal grains, except maize and rice; 1.5 mg/kg for rice, husked and 0.2 mg/kg for rice, polished. Australia informed CCRP that they would provide new GAP information and requested that the MRLs be retained under the 4-year rule. CCPR agreed to maintain all the MRLs and CXLs awaiting new GAP information from Australia and re-assessment by JMPR (47:45-46).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0647	Oats	10	Po		7	1994	47	28,42,43,44,45,46		Retained at Step 7 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). See rice (46:44).
VO 0051	Peppers	1			CXL	09	42		2010	
HS 0444	Peppers Chili, dried	10			CXL	09	42		2010	
FP 0009	Pome fruits	1			CXL	09	42		2010	
VR 0589	Potato	0.01	(*)		CXL	09	42		2010	
PM 0110	Poultry meat	0.01	(fat)		CXL	09	43		2011	
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	09	43		2011	
GC 0649	Rice	0.1			CXL					Withdrawal recommended. (JMPR 2009)
GC 0649	Rice	10	Po		7	1994	47	28,42,43,44,45,46		See note at the bottom.
CM 0649	Rice, Husked	1.5	Po		4	2013	47	46		See rice (46:44). See cereal grains (47:45-46).
CM 1205	Rice, Polished	0.2	Po		4	2013	47	46		See rice (46:44). See cereal grains (47:45-46).
GC 0651	Sorghum	10	Po		CXL					Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
HS 0191	Spices, Fruits and Berries	0.3			CXL		37		2005	
HS 0193	Spices, Roots and Rhizomes	5			CXL		37		2005	
HS 0190	Spices, Seeds	1			CXL		37		2005	
FS 0012	Stone fruits	0.5			CXL	09	42		2010	
FB 0275	Strawberry	0.06			CXL	09	42		2010	
VO 0448	Tomato	1			CXL	09	42		2010	
GC 0654	Wheat	10	Po		CXL		26			Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36).

Note: Republic of Korea informed CCPR of their chronic dietary intake concerns with the rice MRL. CCPR requested ROK to submit their intake calculations to JMPR (36:120). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). Withdrawal recommended by the 2013 JMPR. Noted the concern from submitted by Australia, that labels from Australia were not fully interpreted with respect to use on rice. Decided to maintain all the proposed draft and draft MRLs at Steps 4 and 7, waiting for the 2014 JMPR re-assessment of the Australian GAP (46:44).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0654	Wheat	3	Po		7	2009	47	43,44,45,46		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). Withdrawal recommended by the 2013 JMPR. See rice (46:44).
CM 0654	Wheat bran, Unprocessed	20	PoP		CXL					
CM 0654	Wheat bran, Unprocessed	6	PoP		7	2009	47	43,44,45,46		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). See rice (46:44).
CF 1210	Wheat germ	5	PoP		7	2009	47	43,44,45,46		Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42:36). Retained at Step 7 awaiting the 2012 JMPR review of alternative GAP for cereal grains (43:42). Maintained at Step 7 awaiting the 2013 JMPR alternative GAP evaluation (45:25). See rice (46:44).

**94 Methomyl**

Main Uses: Insecticide

JMPR: 1975 (R), 1976 (R), 1977 (R), 1978 (R), 1986 (T,R), 1987 (R), 1988 (R), 1989 (T,R), 1990 (R), 1991 (R), 2001 (T,R), 2004 (R), 2008 (R)

ADI: 0.02 mg/kg bw (2001)

Acute RfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	20			CXL 01		37	34-36	2005	
FP	0226 Apple	0.3			CXL 08		42	41	2010	
VS	0621 Asparagus	2			CXL 01				1991	
GC	0640 Barley	2			CXL 01		37	34-36	2005	
AL	0061 Bean fodder	10			CXL 01		37	34-36	2005	
VD	0071 Beans (dry)	0.05			CXL 01		36	34,35	2004	
VP	0061 Beans, except broad bean and soya bean	1			CXL 01		36	34,35	2004	
FC	0001 Citrus fruits	1			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	
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	



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0014	Plums (including prunes) (includes all commodities in this subgroup)	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	
AS	0654	Wheat straw and fodder, Dry	5		CXL				1991	

**95 Acephate**

Main Uses: Insecticide

JMPR:1976 (T,R), 1979 (R), 1981 (R), 1982 (T), 1984 (T,R), 1987 (T), 1988 (T), 1990 (T,R), 1991 (corr. to 1990 R evaluation), 1994 (R), 1996 (R), 2002 (T), 2003 (R), 2004 (corr. to 2003 report), 2005 (T), 2006 (R), 2011 (R)

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

Acute RfD: 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	Commodity 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: 1976 (T,R), 1979 (T,R), 1980 (T), 1982 (T), 1991 (R), 1993 (R), 1996 (T), 1997 (R), 1999 (corr. to 1997 report), 2002 (T,R), 2003 (R) (See also carbosulfan), 2004 (R), 2008 (T), 2009 (R)

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

Acute RfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.01 (*)			CXL	12	45		2013	
MF	0812 Cattle fat	0.05 (*)			CXL	97	31		1999	
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): several cultivars	0.5			CXL	97,04	42	31-41	2010	
MF	0818 Pig fat	0.05 (*)			CXL	97	31		1999	
SO	0495 Rape seed	0.05 (*)			CXL	02	36	35	2004	
AS	0649 Rice straw and fodder, Dry	1			CXL	02	36	35	2004	
CM	0649 Rice, Husked	0.1			CXL	02	36	35	2004	
MF	0822 Sheep fat	0.05 (*)			CXL	97	31		1999	
GC	0651 Sorghum	0.1 (*)			CXL	97	31		1999	
AS	0651 Sorghum straw and fodder, Dry	0.5			CXL	97	32	31	2001	
HS	0193 Spices, Roots and Rhizomes	0.1			CXL		43		2011	
VR	0596 Sugar beet	0.2		Based on the use of carbosulfan	CXL	03	37	36	2005	
GS	0659 Sugar cane	0.1 (*)			CXL	97	31		1999	
SO	0702 Sunflower seed	0.1 (*)			CXL	97	31		1999	

**100 Methamidophos**

Main Uses: Insecticide

JMPR: 1976 (T,R), 1979 (R), 1981 (R), 1982 (T,R), 1984 (R), 1985 (T), 1989 (R), 1990 (T,R), 1994 (R), 1996 (R), 1997 (R), 2002 (T), 2003 (R), 2004 (R, corr. to 2003 report)

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

Acute RfD: 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	03	37	36	2005	
VR 0596	Sugar beet	0.02			CXL	03	37	36	2005	

**101 Pirimicarb**

Main Uses: Aphicide

JMPR: 1976 (T,R), 1978 (T,R), 1979 (R), 1981 (T,R), 1982 (T), 1985 (R), 2004 (T), 2006 (R)

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

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

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

Commodity Code	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	
VA 0385	Onion, Bulb	0.1			CXL	06	39		2007	
AL 0072	Pea hay or pea fodder (dry)	60	dry wt		CXL	06	39		2007	
HS 0444	Peppers Chili, dried	20			CXL	04	38	37	2006	
FP 0009	Pome fruits	1			CXL	06	39		2007	
PM 0110	Poultry meat	0.01 (*)			CXL	06	39		2007	
PO 0111	Poultry, Edible offal of	0.01 (*)			CXL	06	39		2007	
VD 0070	Pulses	0.2		Except soya bean (dry)	CXL	06	39		2007	
SO 0495	Rape seed	0.05			CXL	06	39		2007	
VR 0075	Root and tuber vegetables	0.05			CXL	06	39		2007	
HS 0190	Spices, Seeds	5			CXL		37		2005	
FS 0012	Stone fruits	3			CXL	06	39		2007	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0081	Straw and fodder (dry) of cereal grains	0.3	dry wt	Except rice straw and fodder, dry	CXL	06	39		2007
SO	0702	Sunflower seed	0.1			CXL	06	39		2007
VO	1275	Sweet corn (kernels)	0.05			CXL	06	39		2007

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**102 Maleic Hydrazide**

Main Uses: Plant growth regulator

JMPR: 1976 (T,R), 1977 (T,R), 1980 (T), 1984 (T,R), 1996 (T), 1998 (R)

ADI: 0.3 mg/kg bw (1996)

Acute RfD: N/A

Residue: Maleic hydrazide.

Note: The 1998 JMPR changed the residue definition.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA	0381	Garlic			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: 1976 (R), 1977 (corr. to 1976 R evaluation), 1978 (T,R), 1979 (T,R), 1981 (R), 1984 (R), 1985 (R), 1986 (R), 1987 (R and corr. to 1986 R evaluation), 1988 (R), 1994 (T), 1997 (R), 1998 (T), 2002 (R), 2003 (R), 2007 (R), 2015 (R)

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

Acute RfD: 0.2 mg/kg bw (2003)

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1965 (T), 1967 (T,R), 1970 (T,R), 1983 (R propineb, thiram), 1984 (R propineb), 1985 (R), 1987 (T thiram), 1988 (R thiram), 1990 (R), 1991 (corr. To 1990 evaluation), 1992 (T thiram), 1993 (T,R), 1995 (R), 1996 (T,R ferbam, ziram; R thiram), 2004 (R), 2012 (R), 2014 (R)

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

Acute RfD: N/A

Residue: Definition of the residue (for compliance with MRLs) in plant and animal commodities: Total dithiocarbamates, determined as CS<sub>2</sub>, evolved during acid digestion and expressed as mg CS<sub>2</sub>/kg.

Definition of the residue (for the estimation of dietary intake) in plant and animal commodities: mancozeb plus ethylenethiourea (ETU).

Dithiocarbamate residues are not fat soluble.

Note: an 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 CS<sub>2</sub> (36-201). The JMPR 2004 evaluated propineb and proposed MRLs for the use of propineb alone and for the use of dithiocarbamates including propineb in several commodities (37-127). The Committee agreed not to establish separate MRLs for propineb as the residue definition applies to all dithiocarbamates (37-128).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	20	N,z		CXL	95	31	28-30	1999	
TN 0660	Almonds	0.1 (*)	N,Z		CXL	95	31	28-30	1999	
VS 0621	Asparagus	0.1	c		CXL	95	31	28-30	1999	
FI 0327	Banana	2	c		CXL	95	31	28-30	1999	
GC 0640	Barley	1	c		CXL	95	31	28-30	1999	
AS 0640	Barley straw and fodder, Dry	25	C,n		CXL	95	31	28-30	1999	
VB 0041	Cabbages, Head	5	c,N		CXL	95	31	28-30	1999	
HS 0775	Cardamom	0.1		Refer to Dithiocarbamates(105) Mancozed(050).	CXL	2014	47		2015	
VR 0577	Carrot	1	c		CXL	95	31	28-30	1999	
FS 0013	Cherries (includes all commodities in this subgroup)	0.2	p		CXL	04	38	37	2006	
HS 0779	Coriander, seed	0.1		Refer to Dithiocarbamates(105)/ Mancozed(050).	CXL	2014	47		2015	
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		Refer to Dithiocarbamates(105)/ Mancozed(050).	CXL	2014	47		2015	
FB 0021	Currants, Black, Red, White	10	C,m		CXL	95	31	28-30	1999	
MO 0105	Edible offal (mammalian)	0.1	C,m,p		CXL	04	37		2005	
PE 0112	Eggs	0.05 (*)	C,p		CXL	04	37		2005	
HS 0731	Fennel, seed	0.1		Refer to Dithiocarbamates(105)/ Mancozed(050).	CXL	2014	47		2015	
VA 0381	Garlic	0.5	c		CXL	95	31	28-30	1999	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0604	Ginseng	0.3		Refer to Dithiocarbamates(105)/Mancozed(050).	CXL	2014	47		2015	
DV 0604	Ginseng, dried including red ginseng	1.5		Refer to Dithiocarbamates(105)/Mancozed(050).	CXL	2014	47		2015	
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 ((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): several cultivars	2	c		CXL	95	31	28-30	1999	
FI 0350	Papaya	5	c		CXL	95	31	28-30	1999	
SO 0697	Peanut	0.1 (*)	c		CXL	95	31	28-30	1999	
AL 0697	Peanut fodder	5	c		CXL	95	31	28-30	1999	
TN 0672	Pecan	0.1 (*)	Z		CXL	04	37		2005	
HS 0790	Pepper, Black, White	0.1		Refer to Dithiocarbamates(105)/Mancozed(050).	CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	20		Refer to Dithiocarbamates(105)/Mancozed(050).	CXL	2014	47		2015	
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	

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

Main Uses: Plant growth regulator

JMPR: 1977 (T,R), 1978 (T,R), 1983 (R), 1985 (R), 1993 (T), 1994 (R), 1995 (T), 1997 (T), 2002 (T), 2015 (T, R)

ADI: 0–0.05 mg/kg bw (2015)

Acute RfD: 0.05 mg/kg bw (2015)

Residue: Definition of the residue for plant commodities except cereal grains and straw (for compliance with the MRL and for estimation of dietary intake): Ethepon.

Definition of the residue for cereal grains and straw (for compliance with the MRL and for estimation of dietary intake): Ethepon and its conjugates, expressed as ethepon.

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

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

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	w = dry weight
FS 0013	Cherries (includes all commodities in this subgroup)	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	
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: 1977 (T,R), 1979 (R), 1992 (T), 1993 (R)

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

Acute RfD: N/A

Residue: Fenbutatin oxide.

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



**111 Iprodione**

Main Uses: Fungicide

JMPR: 1977 (T,R), 1980 (R), 1992 (T), 1994 (R), 1995 (T), 2001 (R)

ADI: 0.06 mg/kg bw (1995)

Acute RfD: N/A

Residue: Iprodione.

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

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

**112 Phorate**

Main Uses: Acaricide and Insecticide

JMPR: 1977 (T,R), 1982 (T), 1983 (T), 1984 (R), 1985 (T), 1990 (R), 1991 (R), 1992 (R), 1993 (T), 1994 (T), 1996 (T), 2004 (T), 2005 (R), 2012 (R), 2014 (R)

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

Acute RfD: 0.003 mg/kg bw (2004)

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0071 Beans (dry)	0.05 (*)			CXL	05	38		2006	
SB	0716 Coffee beans	0.05 (*)			CXL	05	38		2006	
VP	0526 Common bean (pods and/or immature seeds)	0.05 (*)			CXL	05	38		2006	
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: 1977 (T,R), 1978 (R), 1979 (R), 1980 (T,R), 1982 (T,R), 1999 (T), 2002 (R), 2006 (R)

ADI: 0.01 mg/kg bw (1999)

Acute RfD: Unnecessary. Confirmed 2006. (1999)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	50			CXL 02		36	35	2004	
TN 0660	Almonds	0.1 (*)			CXL 02		36	35	2004	
FP 0226	Apple	3			CXL 02		36	35	2004	
JF 0226	Apple juice	0.2			CXL 02		36	35	2004	
VD 0071	Beans (dry)	0.3			CXL 06		39		2007	
VD 0523	Broad bean (dry)	0.3			CXL 06		39		2007	
VD 0524	Chick-pea (dry)	0.3			CXL 06		39		2007	
FC 0001	Citrus fruits	3			CXL 02		36	35	2004	
AB 0001	Citrus pulp, Dry	10			CXL 02		36	35	2004	
SO 0691	Cotton seed	0.1			CXL 02		36	35	2004	
OR 0691	Cotton seed oil, Edible	0.2			CXL 02		36	35	2004	
DF 0269	Dried grapes (=currants, raisins and sultanas)	12			CXL 02		36	35	2004	
MO 0105	Edible offal (mammalian)	0.1 (*)			CXL 02		36	35	2004	
PE 0112	Eggs	0.1 (*)			CXL 02		36	35	2004	
JF 0269	Grape juice	1			CXL 02		36	35	2004	
AB 0269	Grape pomace, Dry	40			CXL 02					
FB 0269	Grapes	7			CXL 02		36	35	2004	
DH 1100	Hops, Dry	100			CXL 02		36	35	2004	
VD 0545	Lipin (dry)	0.3			CXL 06		39		2007	
GC 0645	Maize	0.1 (*)			CXL 02					
CF 1255	Maize flour	0.2			CXL 02		36	35	2004	
OC 0645	Maize oil, Crude	0.7			CXL 02		36	35	2004	
OR 0645	Maize oil, Edible	0.5			CXL 02		36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.1 (*) (fat)			CXL 02		36	35	2004	
ML 0106	Milks	0.1 (*) F			CXL 02		36	35	2004	
JF 0004	Orange juice	0.3			CXL 02		36	35	2004	
SO 0697	Peanut	0.1 (*)			CXL 02					
OC 0697	Peanut oil, Crude	0.3			CXL 02		36	35	2004	
OR 0697	Peanut oil, Edible	0.3			CXL 02		36	35	2004	
VR 0589	Potato	0.03			CXL 06		39		2007	
PM 0110	Poultry meat	0.1 (*) (fat)			CXL 02		36	35	2004	
PO 0111	Poultry, Edible offal of	0.1 (*)			CXL 02		36	35	2004	
FS 0012	Stone fruits	4			CXL 02		36	35	2004	
DT 1114	Tea, Green, Black (black, fermented and dried)	5			CXL 02		36	35	2004	
VO 0448	Tomato	2			CXL 02					
TN 0678	Walnuts	0.3			CXL 06		39		2007	

**116 Triforine**

Main Uses: Fungicide

JMPR: 1977 (T), 1978 (T,R), 1997 (T), 2004 (R), 2014 (T,R)

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

Acute RfD: 0.3 mg/kg bw (2014)

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

Definition of the residue (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: 1979 (T,R), 1982 (T,R), 1985 (R), 1988 (R), 1990 (R), 1991 (corr. to 1990 evaluation), 1992 (T), 1993 (R), 1994 (R), 1996 (R), 2001 (R), 2002 (R), 2006 (R)

ADI: 0.003 mg/kg bw (1992)

Acute RfD: 0.003 mg/kg bw (1995)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	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	
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: 1979 (T,R), 1981 (T,R), 1982 (R), 1983 (R), 1984 (R), 1985 (R), 1986 (R), 1987 (corr. to 1986 evaluation), 1988 (R), 1990 (R), 2006 (T), 2008 (R), 2009 (R), 2011 (R)

ADI: 0-0.02 mg/kg bw (2006) Group ADI for cypermethrins, including alpha-cypermethrin and zeta-cypermethrin

Acute RfD: 0.04 mg/kg body weight. Group ARfD (JMPR 2009). (2006)

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

Note: 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	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	
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	

Commodity Code	Name	MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 pimiento)	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	
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	(*)	a,Z		CXL 11		44		2012	
GC 0654	Wheat	2	Po	C		CXL 09		42		2010	
CM 0654	Wheat bran, Unprocessed	5	PoP	C		CXL 09		42		2010	

**119 Fenvalerate**

Main Uses: Insecticide

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

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

Acute RfD: 0.2 mg/kg bw (2012)

Residue: Definition of the 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	Commodity 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					Withdrawal recommended (JMPR 2012). CCPR agreed to revoke all existing CXLs except those for spices, fruits and berries; spices, roots and rhizomes and also those for edible offal (mammalian); meat and milks (to support the use of esfenvalerate on animal feed commodities) (45:29).
ML 0106	Milks	0.1	F		CXL					Withdrawal recommended (JMPR 2012). CCPR agreed to revoke all existing CXLs except those for spices, fruits and berries; spices, roots and rhizomes and also those for edible offal (mammalian); meat and milks (to support the use of esfenvalerate on animal feed commodities) (45:29).
HS 0191	Spices, Fruits and Berries	0.03			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.05			CXL		43		2011	

**120 Permethrin**

Main Uses: Insecticide

JMPR: 1979 (T,R), 1980 (R), 1981 (T,R), 1982 (R), 1983 (R), 1984 (R), 1985 (R), 1986 (T,R), 1987 (T), 1988 (R), 1989 (R), 1991 (R), 1992 (corr. to 1991 report), 1999 (T)

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

Acute RfD: Unnecessary (1999)

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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					
VR 0589	Potato	0.05	(*)		CXL					
PM 0110	Poultry meat	0.1			CXL					
VR 0591	Radish, Japanese	0.1			CXL					
SO 0495	Rape seed	0.05	(*)		CXL					
FB 0272	Raspberries, Red, Black	1			CXL					
AS 0651	Sorghum straw and fodder, Dry	20			CXL					
VD 0541	Soya bean (dry)	0.05	(*)		CXL					
AL 0541	Soya bean fodder	50	dry wt		CXL					
OC 0541	Soya bean oil, Crude	0.1			CXL					
HS 0093	Spices	0.05	(*)		CXL		37		2005	
VL 0502	Spinach	2			CXL					
VA 0389	Spring Onion	0.5			CXL					
VC 0431	Squash, summer	0.5			CXL					
FS 0012	Stone fruits	2			CXL					
FB 0275	Strawberry	1			CXL					
VR 0596	Sugar beet	0.05	(*)		CXL					
SO 0702	Sunflower seed	1			CXL					
OC 0702	Sunflower seed oil, crude	1			CXL					
OR 0702	Sunflower seed oil, Edible	1			CXL					
VO 0447	Sweet corn (corn-on-the-cob)	0.1			CXL					
AS 0447	Sweet corn fodder	50			CXL					
FT 0305	Table Olives	1			CXL					
DT 1114	Tea, Green, Black (black, fermented and dried)	20			CXL					
VO 0448	Tomato	1			CXL					
CM 0654	Wheat bran, Unprocessed	5	PoP		CXL					
CF 1211	Wheat flour	0.5	PoP		CXL					
CF 1210	Wheat germ	2	PoP		CXL					
CF 1212	Wheat wholemeal	2	PoP		CXL					
VC 0433	Winter squash	0.5			CXL					



**122 Amitraz**

Main Uses: Insecticide

JMPR: 1980 (T,R), 1983 (R), 1984 (T,R), 1985 (R), 1986 (R), 1989 (R), 1990 (T,R), 1991 (R &amp; corr. to 1990 R evaluation), 1998 (T)

ADI: 0.01 mg/kg bw (1998)

Acute RfD: 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.

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

Commodity Code	Commodity 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 (includes all commodities in this subgroup)	0.5			CXL					
SO 0691	Cotton seed	0.5			CXL					
OC 0691	Cotton seed oil, Crude	0.05			CXL					
VC 0424	Cucumber	0.5			CXL					
MO 0097	Edible offal of cattle, pigs & sheep	0.2		The MRL accommodates external animal treatment.	CXL					
ML 0106	Milks	0.01 (*)		The MRL accommodates external animal treatment.	CXL					
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.5			CXL					
FS 0247	Peach	0.5			CXL					
MM 0818	Pig meat	0.05		The MRL accommodates external animal treatment.	CXL					
FP 0009	Pome fruits	0.5			CXL					
MM 0822	Sheep meat	0.1		The MRL accommodates external animal treatment.	CXL					
VO 0448	Tomato	0.5			CXL				1991	

**126 Oxamyl**

Main Uses: Insecticide

JMPR: 1980 (T,R), 1983 (R), 1984 (T), 1985 (T,R), 1986 (R), 2002 (T,R)

ADI: 0.009 mg/kg bw (2002)

Acute RfD: 0.009 mg/kg bw (2002)

Residue: Sum of oxamyl and oxamyl oxime expressed as oxamyl.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0577	Carrot	0.1		CXL	02	36	35	2004	
FC	0001	Citrus fruits	5		CXL	02				
FC	0001	Citrus fruits	3		7	02	45	43,44,		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
SO	0691	Cotton seed	0.2		CXL	02				
VC	0424	Cucumber	2		CXL	02				
VC	0424	Cucumber	1		7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
MO	0096	Edible offal of cattle, goats, horses, pigs & sheep	0.02 (*)		CXL	02	36	35	2004	
PE	0112	Eggs	0.02 (*)		CXL	02	36	35	2004	
MM	0095	Meat (from mammals other than marine mammals)	0.02 (*)		CXL	02	36	35	2004	
VC	0046	Melons, except watermelon	2		CXL	02				
VC	0046	Melons, except watermelon	1		7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
ML	0106	Milks	0.02 (*)		CXL	02	36	35	2004	
SO	0697	Peanut	0.05		CXL	02	36	35	2004	
AL	0697	Peanut fodder	0.2		CXL	02	36	35	2004	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0051	Peppers	5			7	02	45	43,44		Retained at Step 7 awaiting the 2012 JMPR evaluation (42:45). Hold at Step 7, pending the JMPR periodic re-evaluation in 2017 when it might be possible to review the current residue definition (45:32).
VO 0445	Peppers, Sweet (including pimento or pimiento)	2			CXL					To be replaced by the MRL for peppers (2002 JMPR)
VR 0589	Potato	0.1			CXL	02	36	35	2004	
PM 0110	Poultry meat	0.02 (*)			CXL	02	36	35	2004	
PO 0111	Poultry, Edible offal of	0.02 (*)			CXL	02	36	35	2004	
HS 0191	Spices, Fruits and Berries	0.07			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.05			CXL		43		2011	
VO 0448	Tomato	2			CXL					

**128 Phenthoate**

Main Uses: Insecticide

JMPR: 1980 (T,R), 1981 (R), 1984 (T)

ADI: 0.003 mg/kg bw (1984)

Acute RfD: N/A

Residue: Phenthoate (fat-soluble).

Note: All CXLs revoked at the 23rd CAC.

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

**129 Azocyclotin**

Main Uses: Acaricide

JMPR: 1979 (R), 1981 (T), 1982 (R), 1983 (R), 1985 (R), 1989 (T,R), 1991 (R), 1994 (T), 2005 (T,R)

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

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

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

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

**130 Diflubenzuron**

Main Uses: Insecticide

JMPR: 1981 (T,R), 1983 (R), 1984 (T,R), 1985 (T,R), 1988 (R), 2001 (T), 2002 (R), 2011 (R), 2012(T)

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

Acute RfD: Unnecessary (2001)

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

The residue is fat soluble.

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 pimiento)	0.7			CXL 11		45	44	2013	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.5			CXL 11		45	44	2013	
FP 0009	Pome fruits	5			CXL 02		36	35	2004	
PM 0110	Poultry meat	0.05 (*) (fat)			CXL 02		36	35	2004	
GC 0649	Rice	0.01 (*)			CXL 02		36	35	2004	
AS 0649	Rice straw and fodder, Dry	0.7			CXL 02		36	35	2004	
AS 0081	Straw and fodder (dry) of cereal grains	1.5			CXL 11		45	44	2013	
TN 0085	Tree nuts	0.2			CXL 11		45	44	2013	
GC 0653	Triticale	0.05 (*)			CXL 11		45	44	2013	
GC 0654	Wheat	0.05 (*)			CXL 11		45	44	2013	

**132 Methiocarb**

Main Uses: Insecticide

JMPR: 1981 (T,R), 1983 (T,R), 1984 (T), 1985 (T), 1986 (R), 1987 (T,R), 1988 (R), 1998 (T), 1999 (R), 2005 (R)

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

Acute RfD: 0.02 mg/kg bw (2005)

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

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

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

**133 Triadimefon**

Main Uses: Fungicide

JMPR: 1979 (R), 1981 (T,R), 1983 (T,R), 1984 (R), 1985 (T,R), 1986 (R), 1987 (R and corr. to 1986 R evaluation), 1988 (R), 1989 (R), 1992 (R), 1995 (R), 2004 (T), 2007 (R)

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

Acute RfD: 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.

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

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	
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	



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1980 (T,R), 1981 (T,R), 1982 (T,R), 1984 (R), 1985 (R), 1986 (R), 1987 (R), 1988 (R), 1990 (R), 1992 (R), 2000 (T), 2002 (R), 2016 (R)

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

Acute RfD: 0.05 mg/kg bw (2000)

Residue: Definition of the residue (for compliance with MRLs and for dietary risk assessment) for plant and animal commodities: sum of deltamethrin and its  $\alpha$ - and trans- isomers.

The residue is fat soluble.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	02	36	35	2004	
VR 0577	Carrot	0.02			CXL	02	36	35	2004	
GC 0080	Cereal grains	2	Po		CXL	02	36	35	2004	
FC 0001	Citrus fruits	0.02			CXL	02	36	35	2004	
PE 0112	Eggs	0.02	(*)		CXL	02	36	35	2004	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.1			CXL	02	36	35	2004	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL					
FB 0269	Grapes	0.2			CXL	02	36	35	2004	
TN 0666	Hazelnuts	0.02	(*)		CXL	02	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03	(*)		CXL	02	36	35	2004	
VL 0053	Leafy vegetables	2			CXL	02	38	36,37	2006	
VA 0384	Leek	0.2			CXL	02	36	35	2004	
VP 0060	Legume vegetables	0.2			CXL	02	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	0.03	(*)		CXL	02	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.5	(fat)	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	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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			3	2016	49			
HS 0191	Spices, Fruits and Berries	0.03			CXL		43		2011	
HS 0193	Spices, Roots and Rhizomes	0.5			CXL		43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1982 (T,R), 1984 (R), 1985 (R), 1986 (R), 1987 (R), 1989 (R), 1990 (R), 1992 (R), 1995 (R)

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

Acute RfD: Unnecessary (2002)

Residue: Metalaxyl.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.05		(*)	CXL					
FI 0326	Avocado	0.2			CXL					
VB 0400	Broccoli	0.5			CXL				1993	
VB 0402	Brussels sprouts	0.2			CXL				1991	
VB 0041	Cabbages, Head	0.5			CXL				1993	
SB 0715	Cacao beans	0.2			CXL				1991	
VR 0577	Carrot	0.05		(*)	CXL				1991	
VB 0404	Cauliflower	0.5			CXL				1993	
GC 0080	Cereal grains	0.05		(*)	CXL					
FC 0001	Citrus fruits	5	Po		CXL					
SO 0691	Cotton seed	0.05		(*)	CXL					
VC 0424	Cucumber	0.5			CXL				1991	
VC 0425	Gherkin	0.5			CXL				1991	
FB 0269	Grapes	1			CXL					
DH 1100	Hops, Dry	10			CXL					
VL 0482	Lettuce, Head	2			CXL				1995	
VC 0046	Melons, except watermelon	0.2			CXL					
VA 0385	Onion, Bulb	2			CXL				1995	
SO 0697	Peanut	0.1			CXL					
VP 0064	Peas, Shelled (succulent seeds)	0.05		(*)	CXL					
VO 0051	Peppers	1			CXL					
HS 0444	Peppers Chili, dried	10			CXL	04	38	37	2006	
FP 0009	Pome fruits	1	Po		CXL				1993	
VR 0589	Potato	0.05		(*)	CXL					
FB 0272	Raspberries, Red, Black	0.2			CXL				1991	
VD 0541	Soya bean (dry)	0.05		(*)	CXL					
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: 1983 (T,R), 1985 (R), 1987 (R), 1988 (R), 1989 (R), 1990 (R), 1991 (corr. to 1990 report, Annex I, and R evaluation), 1992 (R), 2001 (T), 2004 (R), 2009 (R)

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

Acute RfD: 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: 1982 (T), 1983 (R), 1984 (corr. to 1983 report, Annex I), 1986 (T,R), 1990 (R), 1991 (T and corr. To 1990 R evaluation), 1992 (R), 1993 (T,R),  
2002 (T), 2007 (R), 2010 (R), 2013 (R)

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

Acute RfD: 0.001 mg/kg bw (2002)

Residue: Definition of 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			CXL	2015	48		2016	
HS	0779	Coriander, seed			CXL	2015	48		2016	
SO	0691	Cotton seed			CXL	07	40		2008	
OC	0691	Cotton seed oil, Crude			CXL	07	40		2008	
HS	0731	Fennel, seed			CXL	2015	48		2016	
CM	1205	Rice, Polished			CXL	2013	46		2014	
VP	0541	Soya bean (immature seeds)			CXL	10	43		2011	
VP	0546	Soya bean (young pod)			CXL	10	43		2011	
HS	0191	Spices, Fruits and Berries		Except cardamom	CXL	2015	48		2016	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2005	

**144 Bitertanol**

Main Uses: Fungicide

JMPR: 1983 (T), 1984 (R), 1986 (R), 1987 (T), 1988 (R), 1989 (R), 1991 (R), 1998 (T), 1999 (R), 2002 (R)

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

Acute RfD: Unnecessary (1998)

Residue: Bitertanol (fat-soluble).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0240	Apricot	1		CXL	02				
FI	0327	Banana	0.5		CXL	99				
GC	0640	Barley	0.05	(*)	CXL	99	33		2001	
AS	0640	Barley straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
FS	0013	Cherries (includes all commodities in this subgroup)	1		CXL	99	33		2001	
VC	0424	Cucumber	0.5		CXL	99				
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	99	33		2001	
PE	0112	Eggs	0.01	(*)	CXL	99	33		2001	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*) (fat)	CXL	99	33		2001	
ML	0106	Milks	0.05	(*)	CXL	99	33		2001	
FS	0245	Nectarine	1		CXL	99				
AS	0647	Oat straw and fodder, Dry	0.05	(*)	CXL	99	33		2001	
GC	0647	Oats	0.05	(*)	CXL	99	33		2001	
FS	0247	Peach	1		CXL	99				
FS	0014	Plums (including prunes) (includes all commodities in this subgroup)	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: 1984 (T,R), 1986 (T), 1991 (R), 1992 (corr. to 1991 report), 1993 (R), 1997 (R), 1999 (R), 2002 (R), 2003 (T,R), 2004 (R, corr. to 2003 report)

ADI: 0-0.01 mg/kg bw 1986

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB	0001	Citrus pulp, Dry	0.1		CXL	97	37	31-36	2005	
SO	0691	Cotton seed	0.05		CXL	03	37	36	2005	
MO	0105	Edible offal (mammalian)	0.05	(*)	CXL	03	37	36	2005	
PE	0112	Eggs	0.05	(*)	CXL	03	37	36	2005	
GC	0645	Maize	0.05	(*)	CXL	03	37	36	2005	
FC	0206	Mandarin	0.1		CXL	99	42	31-41	2010	
MM	0095	Meat (from mammals other than marine mammals)	0.05	(*) (fat)	CXL	03	37	36	2005	
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.1		CXL	97	42	31-41	2010	
PM	0110	Poultry meat	0.05	(*)	CXL	03	37	36	2005	
PO	0111	Poultry, Edible offal of	0.05	(*)	CXL	03	37	36	2005	
AS	0649	Rice straw and fodder, Dry	0.05	(*)	CXL	03	37	36	2005	
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: 1984 (T,R), 1986 (R), 1988 (R), 2007 (T), 2008 (R), 2015 (R)

ADI: 0-0.02 mg/kg bw (2007). A group ADI for cyhalothrin and lambda-cyhalothrin

Acute RfD: 0.02 mg/kg bw (2007)

Residue: Definition of the residue (for compliance with the MRL and for dietary risk assessment) for plant and animal commodities: Cyhalothrin (sum of all isomers).

Note: A group ARfD for cyhalothrin and lambda-cyhalothrin

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 (includes all commodities in this subgroup)	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	
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 prunes) (includes all commodities in this subgroup)	0.2		Except prunes	CXL	08	41		2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0009	Pome fruits			CXL	08	41		2009	
VD	0070	Pulses			CXL	08	41		2009	
GC	0649	Rice			CXL	08	41		2009	
VR	0075	Root and tuber vegetables			CXL	08	41		2009	
GC	0650	Rye			CXL	08	41		2009	
HS	0191	Spices, Fruits and Berries		Except cardamom	CXL	2015	48		2016	
HS	0193	Spices, Roots and Rhizomes			CXL		43		2005	
AS	0081	Straw and fodder (dry) of cereal grains			CXL	08	41		2009	
GS	0659	Sugar cane			CXL	08	41		2009	
FT	0305	Table Olives			CXL	08	41		2009	
TN	0085	Tree nuts			CXL	08	41		2009	
GC	0653	Triticale			CXL	08	41		2009	
GC	0654	Wheat			CXL	08	41		2009	
CM	0654	Wheat bran, Unprocessed			CXL	08	41		2009	

**147 Methoprene**

Main Uses: Insect growth regulator

JMPR: 1984 (T,R), 1986 (R), 1987 (T and corr. to 1986 report), 1988 (R), 1989 (R), 2001 (T), 2005 (R), 2016 (R)

ADI: 0.09 &amp; 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 (JMPR 2005)).

Acute RfD: Unnecessary (2005)

Residue: Definition of the residue (for compliance with the MRL and for dietary risk assessment) for plant and animal commodities: Methoprene.

The residue is fat soluble.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0080 Cereal grains	10	Po		CXL	05	38		2006	
MO	0105 Edible offal (mammalian)	0.02			CXL	05	38		2006	
PE	0112 Eggs	0.02			CXL	05	38		2006	
OC	0645 Maize oil, Crude	200	PoP		CXL	05	38		2006	
MM	0095 Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	05	38		2006	
ML	0106 Milks	0.1	F		CXL	05	38		2006	
SO	0089 Oilseed, except peanut	4	Po		3	2016	49			
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: 1984 (T,R), 1986 (T,R), 1987 (R), 2005 (T), 2006 (R), 2014 (R)

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

Acute RfD: 2 mg/kg bw (2005)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0400	Broccoli	3			2014	47		2015	
VB	0402	Brussels sprouts	2			2014	47		2015	
VB	0041	Cabbages, Head	1		4	2014	47			CCPR 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			2014	47		2015	
MO	0105	Edible offal (mammalian)	0.01	(*)		06	39		2007	Withdrawal recommended by the 2014 JMPR.
VO	0440	Egg plant	0.3			06	39		2007	
PE	0112	Eggs	0.01	(*)		2014	47		2015	
VC	0045	Fruiting vegetables, Cucurbits	5			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 (47:57).
VA	0384	Leek	30			2014	47		2015	
VL	0482	Lettuce, Head	100			06	39		2007	
VL	0483	Lettuce, Leaf	100			06	39		2007	
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*)		06	39		2007	Withdrawal recommended by the 2014 JMPR.
ML	0106	Milks	0.01	(*)		06	39		2007	Withdrawal recommended by the 2014 JMPR.
VA	0385	Onion, Bulb	2			2014	47		2015	
HS	0444	Peppers Chili, dried	10			04	38	37	2006	
VO	0445	Peppers, Sweet (including pimento or pimienta)	3			06	39		2007	
VR	0589	Potato	0.3			06	39		2007	
PF	0111	Poultry fats	0.01	(*)		2014	47		2015	
PM	0110	Poultry meat	0.01	(*)		2014	47		2015	
PO	0111	Poultry, Edible offal of	0.01	(*)		2014	47		2015	
VR	0494	Radish	1			06	39		2007	
VL	0502	Spinach	40			06	39		2007	
VO	0448	Tomato	2			06	39		2007	
VS	0469	Witloof chicory (sprouts)	2			06	39		2007	

**149 Ethoprophos**

Main Uses: Insecticide

JMPR: 1983 (T), 1984 (R), 1987 (T), 1999 (T), 2004 (R)

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

Acute RfD: 0.05 mg/kg bw (1999)

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

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

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

**151 Dimethipin**

Main Uses: Plant growth regulator

JMPR: 1985 (T,R), 1987 (T,R), 1988 (T,R), 1999 (T), 2001 (R), 2004 (T)

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

Acute RfD: 0.2 mg/kg bw (2004)

Residue: Dimethipin.

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

**155 Benalaxyl**

Main Uses: Fungicide

JMPR: 1986 (R), 1987 (T), 1988 (R), 1992 (R), 1993 (R), 2005 (T), 2009 (R)

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

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

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

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

**156 Clofentezine**

Main Uses: Acaricide

JMPR: 1986 (T,R), 1987 (R), 1989 (R), 1990 (R), 1992 (R), 2005 (T), 2007 (R)

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

Acute RfD: Unnecessary (2005)

Residue: For compliance with MRLs and estimation of dietary intake for plant commodities: clofentezine For compliance with MRLs for animal commodities: sum of clofentezine, and all metabolites containing the 2-chlorobenzoyl moiety, expressed as clofentezine The residue is fat soluble.

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



**157 Cyfluthrin/beta-cyfluthrin**

Main Uses: Insecticide

JMPR: 1986 (R), 1987 (T and corr. to 1986 report), 1989 (R), 1990 (R), 1992 (R), 2006 (T), 2007 (R), 2012 (R)

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

Acute RfD: 0.04 mg/kg body weight. Group ARfD (JMPR 2009). (2006)

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

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: 1986 (T,R), 1987 (R and corr. to 1986 report), 1988 (R), 1994 (R), 1997 (T,R), 2004 (T), 2005 (R), 2011 (T,R), 2013 (R), 2016 (T)

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

Acute RfD: Unnecessary (2011)

Residue: Definition of the residue (for compliance with MRL) for plant commodities - for soya bean, maize and rape: sum of glyphosate and N-acetyl-glyphosate, expressed as glyphosate, for other crops: glyphosate.

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

Definition of the residue (for estimation of dietary intake) for plant and animal commodities: glyphosate, N-acetyl-glyphosate, AMPA and N-acetyl AMPA, expressed as glyphosate.

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1020 Alfalfa fodder	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	
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: 1986 (T,R), 1987 (R and corr. to 1986 report and R evaluation), 1988 (T,R), 1989 (R), 1990 (R), 1992 (R), 1995 (T)

ADI: 0.01 mg/kg bw (1995)

Acute RfD: N/A

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

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

**160 Propiconazole**

Main Uses: Fungicide

JMPR: 1987 (T,R), 1991 (R), 1994 (R), 2004 (T), 2006 (R), 2007 (R), 2013 (R), 2014 (R), 2015 (R)

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

Acute RfD: 0.3 mg/kg bw (2004)

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

Definition of the residue (for the estimation of dietary intake) for plant and animal commodities: propiconazole plus all metabolite convertible to 2,4-dichloro-benzoic acid, expressed as propiconazole.

The residue is fat-soluble

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	
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	
GC 0645	Maize	0.05			CXL	07	40		2008	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2014	47		2015	
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): several cultivars	9		Po	CXL	2013	46		2014	
FS 0247	Peach	5		Po	CXL	2013	46		2014	
TN 0672	Pecan	0.02		(*)	CXL	07	40		2008	
FI 0353	Pineapple	0.02		(*)	CXL	07	40		2008	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.6		Po	CXL	2013	46		2014	
GC 0656	Popcorn	0.05			CXL	07	40		2008	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	07	40		2008	
SO 0495	Rape seed	0.02			CXL	07	40		2008	
GC 0650	Rye	0.09			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	
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: 1989 (T,R), 1990 (R), 1991 (R), 1993 (R), 1995 (T), 2007 (T,R)

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

Acute RfD: 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.

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

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

**166 Oxydemeton-Methyl**

Main Uses: Insecticide

JMPR: 1965 (T, as demeton-S-methyl sulfoxide), 1967 (T), 1968 (R), 1973 (T,R), 1982 (T), 1984 (T,R), 1989 (T,R), 1992 (R), 1998 (R), 1999 (corr. to 1992 report), 2002 (T), 2004 (R)

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

Acute RfD: 0.002 mg/kg bw (2002)

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

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

Commodity Code	Commodity 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: 1989 (T,R), 1990 (T,R), 2003 (T), 2005 (R)

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

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

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

**168 Triadimenol**

Main Uses: Fungicide

JMPR: 1989 (T,R), 1992 (R), 1995 (R), 2004 (T), 2007 (R), 2014 (R)

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

Acute RfD: 0.08 mg/kg bw (2004)

Residue: Definition of the residue (or 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP	0226 Apple	0.3	TN	Based on triadimenol use only	CXL	07	40		2008	
VS	0620 Artichoke, Globe	0.7	TN	Based on triadimenol use only	CXL	07	40		2008	
FI	0327 Banana	1	TN	Based on triadimenol use only	CXL	07	41	40	2009	
GC	0080 Cereal grains	0.2	TF, TN	Except maize and Rice.	CXL	07	40		2008	
SB	0716 Coffee beans	0.5	TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
FB	0021 Currants, Black, Red, White	0.7	TN	Based on triadimenol uses	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 (*)	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
PE	0112 Eggs	0.01 (*)	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
VO	0050 Fruiting vegetables other than cucurbits	1	TN	Except fungi and sweet corn.	CXL	07	41	40	2009	
VC	0045 Fruiting vegetables, Cucurbits	0.2	TF, TN	Based on triadimenol use only	CXL	07	41	40	2009	
FB	0269 Grapes	0.3	TF, TN	Based on triadimefon and triadimenol uses	CXL	2014	47		2015	
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 (*) F	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
HS	0444 Peppers Chili, dried	5	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0353 Pineapple	5 Po	TN	Based on triadimenol use only	CXL	07	40		2008	
PM	0110 Poultry meat	0.01 (*)	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
PO	0111 Poultry, Edible offal of	0.01 (*)	TF, TN	Based on triadimefon and triadimenol uses	CXL	07	40		2008	
AS	0081 Straw and fodder (dry) of cereal	5	TF, TN	Except maize. Based on triadimefon and triadimenol uses	CXL	07	40		2008	
FB	0275 Grains Strawberry	0.7	TN	Based on triadimenol use only	CXL	07	40		2008	
VR	0596 Sugar beet	0.05 (*)	TN	Based on triadimenol use only	CXL	07	40		2008	

**169 Cyromazine**

Main Uses: Insecticide

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

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

Acute RfD: 0.1 mg/kg bw (2006)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
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: 1990 (T,R), 1992 (R), 1994 (R), 1995 (R), 2007 (T), 2008 (R), 2011 (R)

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

Acute RfD: 1.0 mg/kg bw (2007)

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

The residue is not fat-soluble.

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0775	Cardamom	3		CXL	2015	48		2016	
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		CXL	2015	48		2016	
				Except cardamom						
HS	0193	Spices, Roots and Rhizomes	0.05		CXL		43		2011	
DT	0171	Teas (Tea and herb teas)	0.5		CXL	94	29		1997	
VO	0448	Tomato	10		CXL	08	41		2009	

**172 Bentazone**

Main Uses: Herbicide

JMPR: 1991 (T,R), 1992 (corr. to 1991 report, Annex I), 1994 (R), 1995 (R), 1998 (T,R), 1999 (corr. to 1998 report), 2004 (T), 2012 (T), 2013 (R), 2016 (T)

ADI: 0-0.09 mg/kg bw (2016)

Acute RfD: 0.5 mg/kg bw (2016)

Residue: Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant commodities 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	46		2014	
VP 0061	Beans, except broad bean and soya bean	0.01 (*)		(green pods and immature seeds)	CXL	2013	46		2014	
VP 0062	Beans, Shelled	0.01 (*)		(succulent=immature seeds)	CXL	2013	46		2014	
GC 0080	Cereal grains	0.01 (*)			CXL	2013	46		2014	
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	
ML 0106	Milks	0.01 (*)			CXL	2013	46		2014	
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	46		2014	
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: 1991 (T,R), 1995 (R), 1996 (corr. to 1995 report.), 1999 (R), 2008 (T,R), 2009 (R), 2012 (R), 2014 (R), 2016 (R)

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

Acute RfD: 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			3	2016	49			
FI 0327	Banana	0.3			CXL	12	45		2013	
HH 0722	Basil	1.5			3	2016	49			
FS 0013	Cherries (includes all commodities in this subgroup)	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 prunes) (includes all commodities in this subgroup)	2			CXL	09	42		2010	
VD 0541	Soya bean (dry)	0.01 (*)			3	2016	49			
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: 1991 (T,R), 1992 (R), 1992 (R), 2009 (R), 2010 (R)

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

Acute RfD: 0.001 mg/kg bw (2009)

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

The residue is fat-soluble.

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

**175 Glufosinate-Ammonium**

Main Uses: Herbicide

JMPR: 1991 (T,R), 1992 (corr. to 1991 report, Annex I), 1994 (R), 1998 (R), 1999 (T,R), 2012 (T,R), 2014 (R)

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

Acute RfD: 0.01 mg/kg bw (2012)

Residue: Definition of the 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	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	
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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0649	Rice straw and fodder, Dry	2		CXL	12	45		2013	
VD	0541	Soya bean (dry)	2		CXL	2014	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	

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**176 Hexythiazox**

Main Uses: Acaricide and Insecticide

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

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

Acute RfD: Unnecessary (2008)

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

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

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

The residue is fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
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:1992 (T,R), 1994 (T,R), 1995 (T), 1997 (T,R), 2000 (R), 2015 (R)

ADI: 0–0.001 mg/kg bw (2015) The ADI also applies to the 8,9-Z isomer and the 24-hydroxymethyl metabolite of abamectin.

Acute RfD: 0.003 mg/kg bw (2015)

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: Avermectin B1a.

Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for animal commodities: Avermectin B1a.

The residue is fat-soluble.

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

Commodity Code	Commodity 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	48		2016	
VS 0624	Celery	0.03			CXL	2015	48		2016	
FS 0013	Cherries (includes all commodities in this subgroup)	0.07			CXL	2015	48		2016	
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	
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	
FB 0269	Grapes	0.01			CXL	2015	48		2016	
DH 1100	Hops, Dry	0.15			CXL	2015	48		2016	
VA 0384	Leek	0.005			CXL	2015	48		2016	
VL 0482	Lettuce, Head	0.15			CXL	2015	48		2016	
FI 0345	Mango	0.01			CXL	2015	48		2016	
VC 0046	Melons, except watermelon	0.01			CXL	2015	48		2016	
VA 0385	Onion, Bulb	0.005			CXL	2015	48		2016	
FI 0350	Papaya	0.015			CXL	2015	48		2016	
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	0.03			CXL	2015	48		2016	
SO 0697	Peanut	0.005		(*)	CXL	2015	48		2016	
VO 0444	Peppers Chili	0.005		(*)	CXL	2015	48		2016	
HS 0444	Peppers Chili, dried	0.5			CXL	2015	48		2016	
VO 0445	Peppers, Sweet (including pimento or pimiento)	0.09			CXL	2015	48		2016	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.005			CXL	2015	48		2016	
FP 0009	Pome fruits	0.01			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589	Potato	0.005	(*)	CXL	2015	48		2016	
FB	0272	Raspberries, Red, Black	0.05		CXL	2015	48		2016	
AS	0649	Rice straw and fodder, Dry	0.001		CXL	2015	48		2016	
CM	0649	Rice, Husked	0.002		CXL	2015	48		2016	
VA	0388	Shallot	0.005		CXL	2015	48		2016	
VL	0502	Spinach	0.15		4	2015	48			The CCPR noted the short-term intake concern identified by the 2015 JMPR, and agreed to maintain the draft MRL for spinach at Step 4, awaiting advice on the availability of alternative GAP information.(48-54)
FB	0275	Strawberry	0.15		CXL	2015	48		2016	
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: 1992 (T,R), 1995 (R), 1996 (R), 1997 (R), 2009 (T), 2010 (R), 2015 (R)

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

Acute RfD: 0.01 mg/kg bw (2009)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.1			CXL	10	43		2011	
GC	0640 Barley	0.05 (*)			CXL	10	43	28,29,30	1999	Withdrawal recommended (JMPR 2010). The manufacturer would submit supporting data for barley, barley straw and fodder, dry, therefore 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	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)
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 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)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC	0001	Citrus fruits			CXL	10	43		2011	
SO	0691	Cotton seed			CXL	10	43		2011	
FB	0266	Dewberries (including boysenberry and loganberry)			CXL	10	43		2011	
MO	0105	Edible offal (mammalian)			CXL	10	43		2011	
VO	0440	Egg plant			CXL	10	43		2011	
FB	0269	Grapes			CXL	2015	48		2016	
DH	1100	Hops, Dry			CXL	10	43		2011	
VL	0482	Lettuce, Head			4	2015	48			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)
GC	0645	Maize			CXL	10	43		2011	
AS	0645	Maize fodder (dry)			CXL	10	43		2011	
FI	0345	Mango			7	10	44	43		The recommendations for mango, okra and papaya are based on reported use conditions provided appropriate protection of the crop, but were not supported by official information on uses (2010 JMPR). CCPR advanced the MRLs for mango, okra and papaya to Step 5 awaiting the authorized GAP to be submitted by Kenya (43:52). CCPR retained the MRLs for mango; okra and papaya at Step 7 awaiting information on authorized GAP to be submitted by Kenya before 2015 (44:42). 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 noted that the draft MRLs for mango; okra and papaya were retained at Step 7, awaiting the 2017 JMPR review of new data submitted by Kenya (48:59).

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)	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		see Mango.
FI 0350	Papaya	0.4			7	10	44	43		see Mango.
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	
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)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DT	1114	Tea, Green, Black (black, fermented and dried)	30		CXL	10	43		2011	
VO	0448	Tomato	0.3		CXL	10	43		2011	
TN	0085	Tree nuts	0.05		CXL	10	43		2011	
GC	0654	Wheat	0.5	Po	CXL	10	43		2011	
CM	0654	Wheat bran, Unprocessed	2	PoP	CXL	10	43		2011	
CF	1210	Wheat germ	1	Po	CXL	10	43		2011	

**179 Cycloxydim**

Main Uses: Herbicide

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

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

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

Residue: Definition of the 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.

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



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

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**180 Dithianon**

Main Uses: Fungicide

JMPR: 1992 (T,R), 1995 (R), 1996 (corr. to 1995 report), 2010 (T), 2013 (T,R)

ADI: 0.01 mg/kg bw (2010)

Acute RfD: 0.1 mg/kg bw (2010)

Residue: Definition of the 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	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: 1992 (T,R), 1997 (R), 1998 (R), (2001 (R)), 2014 (T,R)

ADI: 0.03 mg/kg bw (2014)

Acute RfD: 0.3 mg/kg bw (2014)

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

Definition of the residue (for estimation of dietary intake) for and animal commodities: Myclobutanil.

Definition of the residue (for estimation of dietary intake) for plant commodities: Sum of myclobutanil,  $\alpha$ -(4-chlorophenyl)- $\alpha$ -(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	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	0.06			CXL	2014	47		2015	
FS 0013	Cherries (includes all commodities in this subgroup)	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	
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	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 prunes) (includes all commodities in this subgroup)	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	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS	0081	Straw and fodder (dry) of cereal grains			CXL	2014	47		2015	
FB	0275	Strawberry			CXL	2014	47		2015	
VO	0448	Tomato			CXL	2014	47		2015	

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**182 Penconazole**

Main Uses: Fungicide

JMPR: 1992 (T,R), 1995 (R), 2015 (T), 2016 (R)

ADI: 0–0.03 mg/kg bw (2015)

Acute RfD: 0.8 mg/kg bw (2015)

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

Definition of the residue (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.

Definition of the residue (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	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			3	2016	49			
VS 0620	Artichoke, Globe	0.06			3	2016	49			
MM 0812	Cattle meat	0.05 (*)			CXL				1995	Withdrawal recommended by JMPR 2016
ML 0812	Cattle milk	0.01 (*)			CXL				1995	Withdrawal recommended by JMPR 2016
MO 0812	Cattle, Edible offal of	0.05 (*)			CXL				1995	Withdrawal recommended by JMPR 2016
PE 0840	Chicken eggs	0.05 (*)			CXL				1995	Withdrawal recommended by JMPR 2016
PM 0840	Chicken meat	0.05 (*)			CXL				1995	Withdrawal recommended by JMPR 2016
VC 0424	Cucumber	0.1			CXL		28		1997	
VC 0424	Cucumber	0.06			3	2016	49			
FB 0278	Currant, Black	2			3	2016	49			
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.5			CXL		29		1997	
DF 0269	Dried grapes (=currants, raisins and sultanas)	1.5			3	2016	49			
MO 0105	Edible offal (mammalian)	0.05 (*)			3	2016	49			
VO 0440	Egg plant	0.09			3	2016	49			
PE 0112	Eggs	0.05 (*)			3	2016	49			
VC 0425	Gherkin	0.06			3	2016	49			
FB 0269	Grapes	0.2			CXL		29		1997	
FB 0269	Grapes	0.4			3	2016	49			
DH 1100	Hops, Dry	0.5			CXL				1995	Withdrawal recommended by JMPR 2016
MF 0100	Mammalian fats (except milk fats)	0.05 (*)			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			3	2016	49			
VC 0046	Melons, except watermelon	0.1			CXL		28		1997	
VC 0046	Melons, except watermelon	0.15			3	2016	49			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.01 (*)			3	2016	49			
FS 0245	Nectarine	0.1			CXL				1995	Withdrawal recommended by JMPR 2016
FS 0247	Peach	0.1			CXL				1995	Withdrawal recommended by JMPR 2016
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	0.08			3	2016	49			
FP 0230	Pear	0.1			3	2016	49			
VO 0445	Peppers, Sweet (including pimento or pimienta)	0.2			3	2016	49			
FP 0009	Pome fruits	0.2			CXL		29		1997	Withdrawal recommended by JMPR 2016
PM 0110	Poultry meat	0.05 (*)			3	2016	49			
PO 0111	Poultry, Edible offal of	0.05 (*)			3	2016	49			
VC 0431	Squash, summer	0.06			3	2016	49			
FB 0275	Strawberry	0.1			CXL		28		1997	
FB 0275	Strawberry	0.5			3	2016	49			
VO 0448	Tomato	0.2			CXL		28		1997	
VO 0448	Tomato	0.09			3	2016	49			

**184 Etofenprox**

Main Uses: Insecticide

JMPR: 1993 (T,R), 2011 (T,R)

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

Acute RfD: 1 mg/kg bw (2011)

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

Commodity Code	Commodity Name	MRL (mg/kg)	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: 1993 (T,R), 2006 (R), 2012 (T), 2014 (R)

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

Acute RfD: 0.03 mg/kg bw (2012)

Residue: Definition of residue (for compliance with the MRL and for dietary risk assessment) for plant and animal commodities: Fenpropathrin.

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	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 prunes) (includes all commodities in this subgroup)	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: 1994 (T,R), 1997 (R), 1999 (R), 2002 (R)

ADI: 0.01 mg/kg bw (1994)

Acute RfD: Unnecessary (1999)

Residue: Sum of clethodim and its metabolites containing 5-(2-ethylthiopropyl)cyclohexene-3-one and 5-(2-ethylthiopropyl)-5-hydroxycyclohexene-3-one moieties and their 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	
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: 1994 (T), 1995 (R), 1999 (R), 2001 (T), 2004 (T), 2016 (T)

ADI: 0-0.003 mg/kg bw (2016)

Acute RfD: 0.1 mg/kg bw (2016)

Residue: Definition of the residue (for compliance with MRLs and for dietary risk assessment) for plant commodities: fenpropimorph.

Definition of the residue (for compliance with the MRLs and for dietary risk assessment) 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.

Note: Previous ARfD 1(2001), 0.2(2004)

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

**189 Tebuconazole**

Main Uses: Fungicide

JMPR: 1994 (T,R), 1996 (corr. to Annex II of 1995 report), 1997 (R), 2008 (R), 2010 (T), 2011 (R), 2015 (R)

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

Acute RfD: 0.3 mg/kg bw (2010)

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

The residue is not 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	
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 (includes all commodities in this subgroup)	4			CXL	11	44		2012	
SB 0716	Coffee beans	0.1			CXL	11	44		2012	
VP 0526	Common bean (pods and/or immature seeds)	2			7	08	44	43		Retained the MRL at Step 7 awaiting data to be submitted by Kenya before 2015 (44:51). CCPR agreed to maintain the MRL for common bean (pods and/or immature seeds) at Step 7, awaiting data submission to JMPR (47:72). The CCPR maintained the draft MRL for common bean (pods and/or immature seeds) at Step 7, until the 2017 JMPR evaluation of data from Kenya (48:68).
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	
VA 0381	Garlic	0.1			CXL	11	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 pimiento)	1			CXL	11	44		2012	
FS	0014 Plums (including prunes) (includes all commodities in this subgroup)	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	
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: 1994 (T), 1996 (R), 2016 (T,R)

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

Acute RfD: Unnecessary (2016)

Residue: Definition of the residue (for compliance with the MRL and for dietary risk assessment) for plant and animal commodities: Teflubenzuron.

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			3	2016	49			
VB 0402	Brussels sprouts	0.5			CXL	96	30		1999	Withdrawal recommended by JMPR 2016
VB 0041	Cabbages, Head	0.2			CXL	96	30		1999	Withdrawal recommended by JMPR 2016
VB 0404	Cauliflower	0.01	(*)		3	2016	49			
SB 0716	Coffee beans	0.3			3	2016	49			
VC 0424	Cucumber	0.5			3	2016	49			
MO 0105	Edible offal (mammalian)	0.01	(*)		3	2016	49			
PE 0112	Eggs	0.01	(*)		3	2016	49			
VC 0425	Gherkin	1.5			3	2016	49			
FB 0269	Grapes	0.7			3	2016	49			
FC 0002	Lemons and limes (including Citron)	0.5		(includes all commodities in this subgroup)	3	2016	49			
GC 0645	Maize	0.01	(*)		3	2016	49			
OR 0645	Maize oil, Edible	0.015			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		3	2016	49			
VC 0046	Melons, except watermelon	0.3			3	2016	49			
FM 0183	Milk fats	0.01	(*)		3	2016	49			
ML 0107	Milk of cattle, goats & sheep	0.01	(*)		3	2016	49			
OR 0004	Orange oil, edible	126			3	2016	49			
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.5		(includes all commodities in this subgroup)	3	2016	49			
FI 0350	Papaya	0.4			3	2016	49			
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.1			CXL	96	30		1999	Withdrawal recommended by JMPR 2016
FP 0009	Pome fruits	1			CXL	96	30		1999	Withdrawal recommended by JMPR 2016
VR 0589	Potato	0.05	(*)		CXL	96	30		1999	Withdrawal recommended by JMPR 2016
PF 0111	Poultry fats	0.01	(*)		3	2016	49			
PM 0110	Poultry meat	0.01	(*)		3	2016	49			
PO 0111	Poultry, Edible offal of	0.01	(*)		3	2016	49			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)	0.05		3	2016	49			
AB	0541	Soya bean hulls	0.2		3	2016	49			
GS	0659	Sugar cane	0.01	(*)	3	2016	49			
SO	0702	Sunflower seed	0.3		3	2016	49			
VO	0448	Tomato	1.5		3	2016	49			

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**191 Tolclofos-Methyl**

Main Uses: Fungicide

JMPR: 1994 (T,R), 1996 (corr. to Annex II of 1995 report)

ADI: 0.07 mg/kg bw (1994)

Acute RfD: N/A

Residue: Tolclofos-methyl.

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

**192 Fenarimol**

Main Uses: Fungicide

JMPR: 1995 (T,R,E), 1996 (R and corr. to 1995 report)

ADI: 0.01 mg/kg bw (1995)

Acute RfD: N/A

Residue: Fenarimol.

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



**193 Fenpyroximate**

Main Uses: Acaricide

JMPR: 1995 (T,R), 1996 (corr. to 1995 report), 1999 (R), 2004 (T), 2007 (T), 2010 (R), 2013 (R)

ADI: 0-0.01 mg/kg bw (1995)

Acute RfD: 0.02 mg/kg bw (2007)

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

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	0.2			CXL	2013	46		2014	
FS 0013	Cherries (includes all commodities in this subgroup)	2			CXL	2013	46		2014	
FC 0001	Citrus fruits	0.5			CXL	10	45	43	2013	
VP 0526	Common bean (pods and/or immature seeds)	0.4			CXL	2013	46		2014	
VC 0424	Cucumber	0.3			CXL	2013	46		2014	
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	0.02			CXL	2013	46		2014	
VO 0050	Fruiting vegetables other than cucurbits	0.2		Except sweet corn and mushrooms	CXL	10	43		2011	
FB 0269	Grapes	0.1			CXL	10	43		2011	
DH 1100	Hops, Dry	10			CXL	99	34	33	2003	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	2013	46		2014	
VC 0046	Melons, except watermelon	0.05			CXL	10	43		2011	
ML 0106	Milks	0.01			CXL	2013	46		2014	
HS 0444	Peppers Chili, dried	1			CXL	10	43		2011	
FP 0009	Pome fruits	0.3			CXL	10	43		2011	
VR 0589	Potato	0.05			CXL	2013	46		2014	
DF 0014	Prunes, dried	0.7			CXL	2013	46		2014	
FS 0012	Stone fruits	0.4		Except cherries	CXL	2013	46		2014	
FB 0275	Strawberry	0.8			CXL	2013	46		2014	
TN 0085	Tree nuts	0.05			CXL	10	43		2011	

**194 Haloxyfop**

Main Uses: Herbicide

JMPR: 1995 (T,R), 1996 (R and corr. to 1995 report), 2001 (R), 2006 (T), 2009 (R)

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

Acute RfD: 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.

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

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

**195 Flumethrin**

Main Uses: Insecticide

JMPR: 1996 (T,R)

ADI: 0.004 mg/kg bw (1996)

Acute RfD: N/A

Residue: Flumethrin (fat-soluble)

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

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

**196 Tebufenozide**

Main Uses: Insecticide

JMPR: 1996 (T,R), 1997 (R), 1999 (R), 2001 (T,R), 2003 (T)

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

Acute RfD: 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.

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

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

**197 Fenbuconazole**

Main Uses: Fungicide

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

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

Acute RfD: 0.2 mg/kg bw (2012)

Residue: Definition of the 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 (includes all commodities in this subgroup)	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	
SO 0697	Peanut	0.1			CXL	09	45	43,44	2013	
AL 0697	Peanut fodder	15			CXL	09	45	43,44	2013	
VO 0051	Peppers	0.6			CXL	09	45	43,44	2013	
HS 0444	Peppers Chili, dried	2			CXL	09	45	43,44	2013	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 1998 (T,R), 2001 (R)

ADI: 0.4 mg/kg bw (1998)

Acute RfD: Unnecessary (1998)

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

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

**200 Pyriproxyfen**

Main Uses: Insecticide

JMPR: 1999 (R,T), 2000 (R), 2001 (T)

ADI: 0.1 mg/kg bw (1999)

Acute RfD: Unnecessary (1998)

Residue: Pyriproxifen (fat-soluble).

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



**201 Chlorpropham**

Main Uses: Plant growth regulator

JMPR: 1965 (T), 2000 (T), 2001 (R), 2005 (T), 2008 (R)

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

Acute RfD: 0.5 mg/kg bw (2005)

Residue: Chlorpropham (fat-soluble).

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

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

**202 Fipronil**

Main Uses: Insecticide

JMPR: 1997 (T), 2000 (T), 2001 (R), 2016 (R)

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)] (JMPR 2000).

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

Residue: Definition of the residue (for compliance with MRLs and for dietary risk assessment) for plant commodities: fipronil.

Definition of the residue (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			3	2016	49			
VB 0041	Cabbages, Head	0.02			CXL	01	35	34	2003	
MO 1280	Cattle kidney	0.02			CXL	01	35	34	2003	
MO 1281	Cattle liver	0.1			CXL	01	35	34	2003	
MM 0812	Cattle meat	0.5 (fat)			CXL	01	35	34	2003	
ML 0812	Cattle milk	0.02			CXL	01	35	34	2003	
PE 0112	Eggs	0.02			CXL	01	35	34	2003	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.02			CXL	01	35	34	2003	
GC 0645	Maize	0.01			CXL	01	35	34	2003	
AS 0645	Maize fodder (dry)	0.1	dry wt		CXL	01	35	34	2003	
GC 0647	Oats	0.002 (*)			CXL	01	35	34	2003	
VR 0589	Potato	0.02			CXL	01	35	34	2003	
PM 0110	Poultry meat	0.01 (*)			CXL	01	35	34	2003	
PO 0111	Poultry, Edible offal of	0.02			CXL	01	35	34	2003	
GC 0649	Rice	0.01			CXL	01	35	34	2003	
AS 0649	Rice straw and fodder, Dry	0.2	dry wt		CXL	01	35	34	2003	
GC 0650	Rye	0.002 (*)			CXL	01	35	34	2003	
VR 0596	Sugar beet	0.2			CXL	01	35	34	2003	
SO 0702	Sunflower seed	0.002 (*)			CXL	01	35	34	2003	
GC 0653	Triticale	0.002 (*)			CXL	01	35	34	2003	
GC 0654	Wheat	0.002 (*)			CXL	01	35	34	2003	

**203 Spinosad**

Main Uses: Insecticide

JMPR: 2001 (T,R), 2004 (R), 2008 (R), 2011 (R)

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

Acute RfD: Unnecessary (2001)

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

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	
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	

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

**204 Esfenvalerate**

Main Uses: Insecticide

JMPR: 2002 (T,R)

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

Acute RfD: 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: 2002 (T,R), 2013 (R)

ADI: 0.09 mg/kg bw (2002)

Acute RfD: Unnecessary (2002)

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

Definition of the residue (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	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 (*)			CXL	2013	46		2014	
VL 0054	Brassica leafy vegetables	0.07			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	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	02	36	35	2004	
ML 0106	Milks	0.05 (*)			CXL	02	36	35	2004	
PM 0110	Poultry meat	0.05 (*)			CXL	02	36	35	2004	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	02	36	35	2004	
CM 1206	Rice bran, Unprocessed	10			CXL	02	36	35	2004	
AS 0649	Rice straw and fodder, Dry	10			CXL	02	36	35	2004	
CM 0649	Rice, Husked	2			CXL	02	36	35	2004	
CM 1205	Rice, Polished	1			CXL	02	36	35	2004	

**206 Imidacloprid**

Main Uses: Insecticide

JMPR: 2001 (T), 2002 (R), 2006 (R), 2008 (R), 2012 (R), 2015 (R)

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

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

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

The residue is not fat soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	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 (includes all commodities in this subgroup)	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	
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	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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 Nectarine and Apricots) (includes all commodities in this subgroup)	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 prunes) (includes all commodities in this subgroup)	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	
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: 2003 (T,R), 2004 (corr. to 2003 report), 2013 (R), 2015 (R)

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

Acute RfD: Unnecessary (2003)

Residue: Definition of the residue for plant and animal commodities for compliance with MRLs and for estimation of dietary intake: 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	
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 0061	Beans, except broad bean and soya bean	0.7		(green pods and immature seeds)	CXL	2013	46		2014	
VP 0062	Beans, Shelled	0.06			CXL	2013	46		2014	
FB 0018	Berries and other small fruits	10		Except grapes	CXL	2013	46		2014	
VL 0054	Brassica leafy vegetables	15			CXL	2013	46		2014	
VB 0041	Cabbages, Head	0.7			CXL	2013	46		2014	
VR 0577	Carrot	0.7			CXL	2013	46		2014	
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: 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	
HH 0092	Herbs	40			CXL	2013	46		2014	
VL 0053	Leafy vegetables	50		Except brassica leafy vegetables	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		The MRL is calculated as 4% of the LOQ for milk fat (0.01 mg/kg). Milk fat is the fraction of the milk that is analyzed (JMPR 2003).	CXL	03	37	36	2005	
VA 0385	Onion, Bulb	0.3			CXL	03	37	36	2005	
VR 0588	Parsnip	0.7			CXL	2013	46		2014	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS	0444	Peppers Chili, dried	9		CXL	2013	46		2014	
FP	0009	Pome fruits	2		CXL	2013	46		2014	
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	
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: 2003 (T,R)

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

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

**209 Methoxyfenozide**

Main Uses: Insecticide

JMPR: 2003 (T,R), 2004 (corr. to 2003 report), 2006 (R), 2009 (R), 2012 (R)

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

Acute RfD: 0.9 mg/kg bw (2003)

Residue: Definition of the 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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 2003 (T), 2004 (R), 2006 (R), 2011 (R), 2012 (R), 2014 (R)

ADI: 0-0.03 mg/kg bw 2003

Acute RfD: 0.05 mg/kg bw (2003)

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

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	30			CXL	11	44		2012	
FP 0226	Apple	0.5			CXL	06	39		2007	
VS 0620	Artichoke, Globe	2			CXL	11	44		2012	
FI 0327	Banana	0.02 (*)			CXL	04	38	37	2006	
GC 0640	Barley	1			CXL	11	44		2012	
VD 0071	Beans (dry)	0.2			CXL	04	38	37	2006	
FB 0264	Blackberries	3			CXL	11	44		2012	
FB 0020	Blueberries	4			CXL	11	44		2012	
VB 0402	Brussels sprouts	0.3			CXL	06	39		2007	
VB 0041	Cabbages, Head	0.2			CXL	06	39		2007	
VC 4199	Cantaloupe	0.2			CXL	06	39		2007	
VR 0577	Carrot	0.5			CXL	04	38	37	2006	
FS 0013	Cherries (includes all commodities in this subgroup)	3		(includes all commodities in this subgroup)	CXL	2014	47		2015	
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	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	04	38	37	2006	
VO 0440	Egg plant	0.3			CXL	06	39		2007	
PE 0112	Eggs	0.05 (*)			CXL	04	38	37	2006	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.1			CXL	06	39		2007	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	11	44		2012	
VA 0381	Garlic	0.15			CXL	11	44		2012	
FB 0269	Grapes	2			CXL	04	38	37	2006	
DH 1100	Hops, Dry	15			CXL	06	39		2007	
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	1			CXL	06	39		2007	
VA 0384	Leek	0.7			CXL	06	39		2007	
VD 0533	Lentil (dry)	0.5			CXL	04	38	37	2006	
VL 0482	Lettuce, Head	2			CXL	06	39		2007	
GC 0645	Maize	0.02 (*)			CXL	04	38	37	2006	
FI 0345	Mango	0.05 (*)			CXL	04	38	37	2006	

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)	0.5 (fat)			CXL	04	38	37	2006	
ML 0106	Milks	0.03			CXL	04	38	37	2006	
GC 0647	Oats	1			CXL	11	44		2012	
SO 0089	Oilseed, except peanut	0.4			CXL	11	44		2012	
VA 0385	Onion, Bulb	1.5			CXL	11	44		2012	
FI 0350	Papaya	0.15			CXL	11	44		2012	
AL 0072	Pea hay or pea fodder (dry)	30			CXL	04	38	37	2006	
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	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	
VO 0051	Peppers	0.5			CXL	06	39		2007	
TN 0675	Pistachio nuts	1			CXL	04	38	37	2006	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.8		(includes all commodities in this subgroup)	CXL	2014	47		2015	
VR 0589	Potato	0.02 (*)			CXL	04	38	37	2006	
PM 0110	Poultry meat	0.05 (*) (fat)			CXL	04	38	37	2006	
PO 0111	Poultry, Edible offal of	0.05 (*)			CXL	04	38	37	2006	
VR 0494	Radish	0.5			CXL	04	38	37	2006	
VL 0494	Radish leaves (including radish tops)	20			CXL	04	38	37	2006	
FB 0272	Raspberries, Red, Black	3			CXL	11	44		2012	
GC 0650	Rye	0.2			CXL	11	44		2012	
GC 0651	Sorghum	0.5			CXL	11	44		2012	
VD 0541	Soya bean (dry)	0.05			CXL	06	39		2007	
GC 4673	Spelt	0.2			CXL	06	39		2007	
VA 0389	Spring Onion	1.5			CXL	11	44		2012	
AS 0081	Straw and fodder (dry) of cereal grains	30			CXL	04	38	37	2006	
FB 0275	Strawberry	1.5			CXL	11	44		2012	
VR 0596	Sugar beet	0.2			CXL	04	38	37	2006	
VO 0448	Tomato	0.3			CXL	04	38	37	2006	
TN 0085	Tree nuts	0.02 (*)		Except pistachio nuts	CXL	11	44		2012	
GC 0653	Triticale	0.2			CXL	11	44		2012	
GC 0654	Wheat	0.2			CXL	04	38	37	2006	

**211 Fludioxonil**

Main Uses: Fungicide

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

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

Acute RfD: Unnecessary (2004)

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

Definition of the residue (for compliance with MRL and for estimation of dietary intake) for animal commodities: fludioxonil and its benzopyrrole metabolites, determined as 2,2-difluoro-1,3-benzodioxole-4-carboxylic acid and expressed as fludioxonil.

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.4			CXL	2013	46		2014	
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	
VB 0400	Broccoli	0.7			CXL	04	38	37	2006	
VB 0041	Cabbages, Head	2			CXL	04	38	37	2006	
VR 0577	Carrot	0.7			CXL	04	38	37	2006	
GC 0080	Cereal grains	0.05	(*)		CXL	04	38	37	2006	
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	
MO 0105	Edible offal (mammalian)	0.05	(*)		CXL	04	38	37	2006	
VO 0440	Egg plant	0.3			CXL	04	38	37	2006	
PE 0112	Eggs	0.01	(*)		CXL	2013	46		2014	
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	
HH 0092	Herbs	9			CXL	2013	46		2014	
FI 0341	Kiwifruit	15	Po		CXL	04	38	37	2006	
VL 0482	Lettuce, Head	10			CXL	04	38	37	2006	
VL 0483	Lettuce, Leaf	40			CXL	2013	46		2014	
FI 0345	Mango	2			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	04	38	37	2006	
ML 0106	Milks	0.01			CXL	04	38	37	2006	
VL 0485	Mustard greens	10			CXL	04	38	37	2006	
VA 0385	Onion, Bulb	0.5			CXL	04	38	37	2006	
VD 0072	Peas (dry)	0.07			CXL	04	38	37	2006	
VP 0063	Peas (pods and succulent=immature seeds)	0.3			CXL	04	38	37	2006	
VP 0064	Peas, Shelled (succulent seeds)	0.03			CXL	04	38	37	2006	
VO 0051	Peppers	1			CXL	2013	46		2014	
HS 0444	Peppers Chili, dried	4			CXL	2013	46		2014	



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0675 Pistachio nuts	0.2			CXL	04	38	37	2006	
FP	0009 Pome fruits	5	Po		CXL	06	39		2007	
FI	0355 Pomegranate	2	Po		CXL	10	43		2011	
VR	0589 Potato	5	Po		CXL	2013	46		2014	
PM	0110 Poultry meat	0.01	(*)		CXL	2013			2014	
PO	0111 Poultry, Edible offal of	0.05	(*)		CXL	2013	46		2014	
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	
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: 2002 (T), 2004 (R)

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

Acute RfD: Unnecessary (2004)

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.02 (*)			7	2004	46	37,38,39,40,41		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 pimiento)	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: CCPR37 Advanced all MRLs to Step 5 ,42 (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: 2004 (T,R), 2012 (R), 2015 (R)

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

Acute RfD: Unnecessary (JMPR 2004) (2004)

Residue: Definition of the residue for compliance with MRLs for plant commodities: trifloxystrobin.

Definition of the residue for estimation of dietary intake of plant commodities: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminoxyethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin.

Definition of the residue for compliance with MRLs and estimation of dietary intake in animal commodities: sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneamino-oxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	04	38	37	2006	
VS 0621	Asparagus	0.05		(*)	CXL	12	45		2013	
FI 0327	Banana	0.05			CXL	04	38	37	2006	
GC 0640	Barley	0.5			CXL	04	38	37	2006	
AS 0640	Barley straw and fodder, Dry	7			CXL	04	38	37	2006	
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	0.5			CXL	04	38	37	2006	
VR 0577	Carrot	0.1			CXL	04	38	37	2006	
VS 0624	Celery	1			CXL	04	38	37	2006	
FC 0001	Citrus fruits	0.5			CXL	04	38	37	2006	
AB 0001	Citrus pulp, Dry	1			CXL	04	38	37	2006	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	04	38	37	2006	
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, Chinese and Cauliflower)	0.5			CXL	04	38	37	2006	
VC 0045	Fruiting vegetables, Cucurbits	0.3			CXL	04	38	37	2006	
FB 0269	Grapes	3			CXL	04	38	37	2006	
DH 1100	Hops, Dry	40			CXL	04	38	37	2006	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.04		(*)	CXL	04	38	37	2006	
VA 0384	Leek	0.7			CXL	04	38	37	2006	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0350	Papaya			CXL	12	45		2013	
SO	0697	Peanut		(*)	CXL	04	38	37	2006	
AL	0697	Peanut fodder			CXL	04	38	37	2006	
VD	0072	Peas (dry)			CXL	2015	48		2016	
VO	0445	Peppers, Sweet (including pimento or pimienta)			CXL	04	38	37	2006	
FP	0009	Pome fruits			CXL	04	38	37	2006	
VR	0589	Potato		(*)	CXL	04	38	37	2006	
PM	0110	Poultry meat		(*) (fat)	CXL	04	38	37	2006	
PO	0111	Poultry, Edible offal of		(*)	CXL	04	38	37	2006	
VR	0494	Radish			CXL	12	45		2013	
VL	0494	Radish leaves (including radish tops)			CXL	12	45		2013	
GC	0649	Rice			CXL	04	38	37	2006	
CM	1206	Rice bran, Unprocessed			CXL	04	38	37	2006	
AS	0649	Rice straw and fodder, Dry			CXL	04	38	37	2006	
VD	0541	Soya bean (dry)			CXL	2015	48		2016	
FS	0012	Stone fruits			CXL	04	38	37	2006	
FB	0275	Strawberry			CXL	12	45		2013	
VR	0596	Sugar beet			CXL	04	38	37	2006	
DM	0596	Sugar beet molasses			CXL	04	38	37	2006	
AB	0596	Sugar beet pulp, Dry			CXL	04	38	37	2006	
FT	0305	Table Olives			CXL	12	45		2013	
VO	0448	Tomato			CXL	04	38	37	2006	
TN	0085	Tree nuts		(*)	CXL	04	38	37	2006	
GC	0654	Wheat			CXL	04	38	37	2006	
CM	0654	Wheat bran, Unprocessed			CXL	04	38	37	2006	
AS	0654	Wheat straw and fodder, Dry			CXL	04	38	37	2006	

**214 Dimethenamid-P**

Main Uses: Herbicide

JMPR: 2005 (T,R)

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

Acute RfD: 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: 2005 (T,R)

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

Acute RfD: Unnecessary (2005)

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

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

**216 Indoxacarb**

Main Uses: Insecticide

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

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

Acute RfD: 0.1 mg/kg bw (2005)

Residue: Definition of the 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.

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

The residue is fat soluble.

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

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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	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	

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**217 Novaluron**

Main Uses: Insecticide

JMPR: 2005 (T,R), 2010 (R)

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

Acute RfD: Unnecessary (2005)

Residue: Definition of the 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	
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: 2005 (T,R)

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

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

**219 Bifenazate**

Main Uses: Acaricide

JMPR: 2006 (T,R), 2008 (R), 2010 (R)

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

Acute RfD: Unnecessary (2006)

Residue: Definition of the 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 pimiento)	2			CXL	06	39		2007	
FP 0009	Pome fruits	0.7			CXL	06	39		2007	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	06	39		2007	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	06	39		2007	
FB 0272	Raspberries, Red, Black	7			CXL	10	43		2011	
FS 0012	Stone fruits	2			CXL	06	39		2007	
FB 0275	Strawberry	2			CXL	06	39		2007	
VO 0448	Tomato	0.5			CXL	06	39		2007	
TN 0085	Tree nuts	0.2			CXL	06	39		2007	

**220 Aminopyralid**

Main Uses: Herbicide

JMPR: 2006 (T,R), 2007 (T,R)

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

Acute RfD: Unnecessary (2007)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	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: 2006 (T,R), 2008 (R), 2010 (R)

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

Acute RfD: Unnecessary (2006)

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

Definition of the residue (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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF	0111	Poultry fats			CXL	09	42		2010	
PM	0110	Poultry meat			CXL	09	42		2010	
PO	0111	Poultry, Edible offal of			CXL	09	42		2010	
DF	0014	Prunes, dried			CXL	09	42		2010	
VD	0070	Pulses			CXL	09	42		2010	
VR	0075	Root and tuber vegetables			CXL	09	42		2010	
GC	0650	Rye			CXL	09	42		2010	
AS	0650	Rye straw and fodder, Dry	dry wt		CXL	09	42		2010	
VS	0078	Stalk and Stem Vegetables			CXL	10	43		2011	
FS	0012	Stone fruits			CXL	09	42		2010	
AS	0081	Straw and fodder (dry) of cereal grains	dry wt	Except straw and fodder of barley, oats, rye and wheat	CXL	09	42		2010	
FB	0275	Strawberry			CXL	09	42		2010	
TN	0085	Tree nuts		Except pistachio	CXL	09	42		2010	
GC	0654	Wheat			CXL	09	42		2010	
AS	0654	Wheat straw and fodder, Dry	dry wt		CXL	09	42		2010	

**222 Quinoxifen**

Main Uses: Fungicide

JMPR: 2006 (T,R), 2007 (R)

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

Acute RfD: Unnecessary (2006)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley	0.01	(*)	CXL	06	39		2007	
FS	0013	Cherries (includes all commodities in this subgroup)	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 Thiocloprid**

Main Uses: Insecticide

JMPR: 2006 (T,R)

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

Acute RfD: 0.03 mg/kg bw (2006)

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

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



**224 Difenoconazole**

Main Uses: Fungicide

JMPR: 2007 (T,R), 2010 (R), 2013 (R), 2015 (R)

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

Acute RfD: 0.3 mg/kg bw (2007)

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

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

Residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.03			CXL	07	40		2008	
FI 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	
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 (includes all commodities in this subgroup)	0.2			CXL	07	40		2008	
FC 0001	Citrus fruits	0.6			CXL	2013	46		2014	
VC 0424	Cucumber	0.2			CXL	2013	46		2014	
DF 0269	Dried grapes (=currants, raisins and sultanas)	6			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	1.5			CXL	2013	46		2014	
PE 0112	Eggs	0.03			CXL	2013	46		2014	
VO 0050	Fruiting vegetables other than cucurbits	0.6		Except sweet corn and mushroom	CXL	2013	46		2014	
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	0.2			CXL	2013	46		2014	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0350	Papaya			CXL	07	40		2008	
FI	0351	Passion fruit			CXL	10	43		2011	
FS	0247	Peach			CXL	07	40		2008	
SO	0697	Peanut		(*)	CXL	2015	48		2016	
VP	0063	Peas (pods and succulent=immature seeds)			CXL	10	43		2011	
HS	0444	Peppers Chili, dried			CXL	2013	46		2014	
FS	0014	Plums (including prunes) (includes all commodities in this subgroup)			CXL	07	40		2008	
FP	0009	Pome fruits			CXL	2013	46		2014	
VR	0589	Potato		Po	CXL	2013	46		2014	
PM	0110	Poultry meat		(*) (fat)	CXL	07	40		2008	
PO	0111	Poultry, Edible offal of		(*)	CXL	07	40		2008	
SO	0495	Rape seed			CXL	2015	48		2016	
VD	0541	Soya bean (dry)			CXL	2015	48		2016	
VA	0389	Spring Onion			CXL	2013	46		2014	
VC	0431	Squash, summer			CXL	2013	46		2014	
VR	0596	Sugar beet			CXL	07	40		2008	
SO	0702	Sunflower seed			CXL	07	40		2008	
FT	0305	Table Olives			CXL	07	40		2008	
TN	0085	Tree nuts			CXL	10	43		2011	
GC	0654	Wheat		(*)	CXL	07	40		2008	
AS	0654	Wheat straw and fodder, Dry			CXL	07	40		2008	

**225 Dimethomorph**

Main Uses: Fungicide

JMPR: 2007 (T,R), 2014 (R), 2016 (R)

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

Acute RfD: 0.6 mg/kg bw (2007)

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	20		4	2014	47			
VL	0483	Lettuce, Leaf	9		3	2016	49			

On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for dimethomorph, that for children the consumption of leaf lettuce was less than the ARfD. CCPR agreed to retain the MRL for lettuce, leaf at Step 4 in light of acute intake risks identified by the 2014 JMPR and await submission of alternative GAP information for further evaluation by JMPR (47:78). The CCPR agreed to retain the proposed draft MRL for lettuce, leaf at Step 4, and await the outcome of the 2016 JMPR alternative GAP evaluation.(48:74)

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	(*)	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	
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: 2007 (T,R), 2013 (R)

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

Acute RfD: Unnecessary (2007)

Residue: Definition of the residue (for compliance with MRL and dietary intake) for plant commodities: pyrimethanil

Definition of the residue (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.

Definition of the residue (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	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 (includes all commodities in this subgroup)	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	
FS 0245	Nectarine	4			CXL	07	40		2008	
VA 0385	Onion, Bulb	0.2			CXL	07	40		2008	
AL 0072	Pea hay or pea fodder (dry)	3			CXL	07	40		2008	
FS 0247	Peach	4			CXL	07	40		2008	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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: 2007 (T,R), 2009 (R)

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

Acute RfD: Unnecessary (2009)

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

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

**229 Azoxystrobin**

Main Uses: Fungicide

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

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

Acute RfD: Unnecessary (2008)

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

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	7			CXL	08	41		2009	
VS 0620	Artichoke, Globe	5			CXL	08	41		2009	
VS 0621	Asparagus	0.01	(*)		CXL	08	41		2009	
FI 0327	Banana	2			CXL	08	41		2009	
GC 0640	Barley	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	
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	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0095	Meat (from mammals other than marine mammals)	0.05 (fat)			CXL	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 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	
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	
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	
VS 0469	Witloof chicory (sprouts)	0.3			CXL	08	41		2009	



**230 Chlorantraniliprole**

Main Uses: Insecticide

JMPR: 2008 (T,R), 2010 (R), 2013 (R), 2014 (R), 2016 (R)

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

Acute RfD: Unnecessary (2008)

Residue: Definition of the 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	2013	46		2014	
PE 0112	Eggs	0.2			3	2016	49			
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	
AS 0645	Maize fodder (dry)	25			CXL	10	43		2011	
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	
ML 0106	Milks	0.05			CXL	10	43		2011	
HH 0738	Mints	15			CXL	10	43		2011	
SO 0697	Peanut	0.06			3	2016	49			
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF	0111	Poultry fats	0.01	(*)	CXL	2014	47		2015	
PF	0111	Poultry fats	0.08		3	2016	49			
PM	0110	Poultry meat	0.01	(*) (fat)	CXL	2013	46		2014	
PM	0110	Poultry meat	0.02		3	2016	49			
PO	0111	Poultry, Edible offal of	0.01	(*)	CXL	2013	46		2014	
PO	0111	Poultry, Edible offal of	0.07		3	2016	49			
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	0081	Straw and fodder (dry) of cereal grains	0.3		CXL	08	41		2009	
AS	0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	30	(dw)	3	2016	49			
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: 2008 (T,R), 2013 (R)

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

Acute RfD: Unnecessary (2008)

Residue: Definition of the 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	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0400	Broccoli	2			CXL	08	41		2009	
VB 0041	Cabbages, Head	3			CXL	08	41		2009	
VS 0624	Celery	20			CXL	08	41		2009	
VC 0424	Cucumber	0.2			CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	08	41		2009	
FB 0269	Grapes	2			CXL	08	41		2009	
DH 1100	Hops, Dry	90			CXL	2013	46		2014	
VL 0053	Leafy vegetables	25			CXL	08	41		2009	
VC 0046	Melons, except watermelon	0.5			CXL	08	41		2009	
VA 0385	Onion, Bulb	0.1			CXL	08	41		2009	
VO 0051	Peppers	1			CXL	08	41		2009	
HS 0444	Peppers Chili, dried	10			CXL	08	41		2009	
VR 0589	Potato	0.01 (*)			CXL	08	41		2009	
VA 0389	Spring Onion	7			CXL	08	41		2009	
VC 0431	Squash, summer	0.2			CXL	08	41		2009	
VO 0448	Tomato	0.3			CXL	08	41		2009	

**232 Prothioconazole**

Main Uses: Fungicide

JMPR: 2008 (T,R), 2009 (R), 2014 (R)

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

Acute RfD: 0.8 mg/kg body weight (for women of child-bearing age) (2008)

Residue: Definition of the residue (for compliance with MRL and estimation of dietary intake) for plant commodities: Prothioconazole-desthio.

Definition of the residue (for compliance with the MRL) for animal commodities: Prothioconazole-desthio.

Definition of the residue (for the estimation of dietary intake) for animal commodities: the sum of prothioconazole-desthio, prothioconazole-desthio-3-hydroxy, prothioconazole-desthio-4-hydroxy and their conjugates expressed as prothioconazole-desthio.

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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640	Barley	0.2		CXL	09	42		2010	
FB	2006	Bush berries	1.5		CXL	2014	47		2015	
FB	0265	Cranberry	0.15		CXL	2014	47		2015	
MO	0105	Edible offal (mammalian)	0.5		CXL	09	42		2010	
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	
MM	0095	Meat (from mammals other than marine mammals)	0.01		CXL	09	42		2010	
ML	0106	Milks	0.004	(*)	CXL	09	42		2010	
GC	0647	Oats	0.05		CXL	08	41		2009	
SO	0697	Peanut	0.02	(*)	CXL	08	41		2009	
AL	0697	Peanut fodder	15		CXL	2014	47		2015	
GC	0656	Popcorn	0.1		CXL	2014	47		2015	
VR	0589	Potato	0.02	(*)	CXL	2014	47		2015	
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		2015	
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: 2008 (T,R), 2012 (R)

ADI: 0-0.05 mg/kg bw 2008

Acute RfD: Unnecessary (2008)

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

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

**234 Spirotetramat**

Main Uses: Insecticide

JMPR: 2008 (T,R), 2011 (R), 2012 (R), 2013 (R), 2015 (R)

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

Acute RfD: 1.0 mg/kg bw (2008)

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

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

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

The residue is not fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	08	41		2009	
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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM	0095	Meat (from mammals other than marine mammals)			CXL	11	44		2012	
ML	0106	Milks			CXL	12	45		2013	
VA	0385	Onion, Bulb			CXL	11	44		2012	
FI	0350	Papaya			CXL	11	44		2012	
VO	0444	Peppers Chili		Non-bell	CXL	08	41		2009	
HS	0444	Peppers Chili, dried			CXL	08	41		2009	
FP	0009	Pome fruits			CXL	2008	41		2009	
VR	0589	Potato			CXL	08	41		2009	
PM	0110	Poultry meat			CXL	11	44		2012	
PO	0111	Poultry, Edible offal of			CXL	11	44		2012	
DF	0014	Prunes, dried			CXL	08	41		2009	
VD	0070	Pulses		Except soya bean (dry)	CXL	11	44		2012	
VD	0541	Soya bean (dry)			CXL	11	44		2012	
FS	0012	Stone fruits			CXL	08	41		2009	
GC	0447	Sweet Corn			CXL	2015	48		2016	
TN	0085	Tree nuts			CXL	08	41		2009	

**235 Fluopicolide**

Main Uses: Fungicide

JMPR: 2009 (T,R), 2014 (R)

ADI: 0-0.08 mg/kg bw

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

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

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

The residue is fat-soluble.

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

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



**236 Metaflumizone**

Main Uses: Insecticide

JMPR: 2009 (T,R)

ADI: 0-0.1 mg/kg bw

Acute RfD: Unnecessary

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

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

**237 Spirodiclofen**

Main Uses: Insecticide

JMPR: 2009 (T,R), 2014(R)

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

Acute RfD: Unnecessary (2009)

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

Definition of the residue (for compliance with the MRL) for animal commodities: Spirodiclofen.

Definition of the residue (for estimation of dietary intake) for animal commodities: the 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: 2010 (T,R), 2011 (R), 2014 (R)

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

Acute RfD: 0.6 mg/kg bw (2010)

Residue: Definition of the 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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0350	Papaya								
AL	0072	Pea hay or pea fodder (dry)	dry wt							
TN	0672	Pecan								
HS	0444	Peppers Chili, dried								
FI	0353	Pineapple								
FP	0009	Pome fruits								
GC	0656	Popcorn								
PF	0111	Poultry fats								
PM	0110	Poultry meat								
PO	0111	Poultry, Edible offal of								
DF	0014	Prunes, dried								
VD	0070	Pulses								
GC	0649	Rice								
VR	0075	Root and tuber vegetables								
GC	0651	Sorghum								
AS	0651	Sorghum straw and fodder, Dry	dry wt							
VS	0078	Stalk and Stem Vegetables		Except artichoke and celery						
FS	0012	Stone fruits								
GS	0659	Sugar cane								
VO	0447	Sweet corn (corn-on-the-cob)								
DT	1114	Tea, Green, Black (black, fermented and dried)								
GC	0654	Wheat								
AS	0654	Wheat straw and fodder, Dry	dry wt							

**239 Cyproconazole**

Main Uses: Herbicide

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

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

Acute RfD: 0.06 mg/kg bw (2010)

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

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

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

The residue is fat-soluble.

Commodity Code	Commodity 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: 2010 (T,R), 2011 (R), 2012 (R), 2013 (R)

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

Acute RfD: 0.5 mg/kg bw (2010)

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

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

Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for animal commodities: sum of dicamba and 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: 2010 (T,R), 2011 (R)

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

Acute RfD: Unnecessary (2010)

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

The residue is fat soluble.

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

**242 Flubendiamide**

Main Uses: Insecticide

JMPR: 2010 (T,R)

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

Acute RfD: 0.2 mg/kg bw (2010)

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

Definition of the residue (for compliance with the MRL) for animal commodities: flubendiamide.

Definition of the residue (for estimation of dietary intake) for animal commodities: flubendiamide and flubendiamide-iodophthalimide.

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	10			CXL	10	43		2011	
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	4			CXL	10	43		2011	
VS 0624	Celery	5			CXL	10	43		2011	
SO 0691	Cotton seed	1.5			CXL	10	43		2011	
MO 0105	Edible offal (mammalian)	1			CXL	10	43		2011	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL	10	43		2011	
FB 0269	Grapes	2			CXL	10	43		2011	
VP 0060	Legume vegetables	2			CXL	10	43		2011	
VL 0482	Lettuce, Head	5			CXL	10	43		2011	
VL 0483	Lettuce, Leaf	7			CXL	10	43		2011	
GC 0645	Maize	0.02			CXL	10	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	10	43		2011	
FM 0183	Milk fats	5			CXL	10	43		2011	
ML 0106	Milks	0.1			CXL	10	43		2011	
AL 0072	Pea hay or pea fodder (dry)	40			CXL	10	43		2011	
VO 0051	Peppers	0.7			CXL	10	43		2011	
HS 0444	Peppers Chili, dried	7			CXL	10	43		2011	
FP 0009	Pome fruits	0.8			CXL	10	43		2011	
VD 0070	Pulses	1			CXL	10	43		2011	
AL 0541	Soya bean fodder	60			CXL	10	43		2011	
FS 0012	Stone fruits	2			CXL	10	43		2011	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	10	43		2011	
DT 1114	Tea, Green, Black (black, fermented and dried)	50			CXL	10	43		2011	
VO 0448	Tomato	2			CXL	10	43		2011	
TN 0085	Tree nuts	0.1			CXL	10	43		2011	



**243 Fluopyram**

Main Uses: Fungicide

JMPR: 2010 (T,R), 2012 (R), 2014 (R), 2015 (R)

ADI: 0-0.01 mg/kg bw (2010)

Acute RfD: 0.5 mg/kg bw (2010)

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

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

Definition of the residue (for estimation of dietary intake) for animal commodities: Sum of fluopyram, 2-(trifluoromethyl)benzamide and the combined residues N-((E)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide and N-((Z)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide, all expressed as fluopyram.

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	
FI 0327	Banana	0.8			CXL	12	45		2013	
VD 0071	Beans (dry)	0.07			CXL	12	45		2013	
VP 0061	Beans, except broad bean and soya bean	1			CXL	2015	48		2016	
VP 0062	Beans, Shelled	0.2			CXL	2015	48		2016	
FB 0264	Blackberries	3			CXL	2014	47		2015	
VB 0400	Broccoli	0.3			CXL	2014	47		2015	
VB 0402	Brussels sprouts	0.3			CXL	2014	47		2015	
VB 0041	Cabbages, Head	0.15			CXL	2014	47		2015	
VR 0577	Carrot	0.4			CXL	12	45		2013	
VB 0404	Cauliflower	0.09			CXL	2014	47		2015	
FS 0013	Cherries (includes all commodities in this subgroup)	0.7			CXL	12	45		2013	
VD 0524	Chick-pea (dry)	0.07			CXL	12	45		2013	
SO 0691	Cotton seed	0.01			CXL	2015	48		2016	
VC 0424	Cucumber	0.5			CXL	10	43		2011	
DF 0269	Dried grapes (=currants, raisins and sultanas)	5			CXL	10	43		2011	
PE 0112	Eggs	1			CXL	2015	48		2016	
VA 0381	Garlic	0.07			CXL	2014	47		2015	
FB 0269	Grapes	2			CXL	10	43		2011	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.8			CXL	2015	48		2016	
VA 0384	Leek	0.15			CXL	2014	47		2015	
VD 0533	Lentil (dry)	0.07			CXL	12	45		2013	
VL 0482	Lettuce, Head	15			CXL	2014	47		2015	
VL 0483	Lettuce, Leaf	15			CXL	2014	47		2015	
MO 0099	Liver of cattle, goats, pigs & sheep	5			CXL	2015	48		2016	
VD 0545	Lupin (dry)	0.07			CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.8			CXL	2015	48		2016	
ML 0106	Milks	0.6			CXL	2015	48		2016	
VA 0385	Onion, Bulb	0.07			CXL	2014	47		2015	
AL 0072	Pea hay or pea fodder (dry)	40			CXL	2015	48		2016	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	1			CXL	2014	47		2015	
SO 0697	Peanut	0.03			CXL	12	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	0.2			CXL	2015	48		2016	
VO 0051	Peppers	0.5			4	2015	48	45		Retained the MRLs for peppers and peppers chili, dried at Step 4. The supporting residue data set did not meet the proportionality criteria. The industry would submit new data to JMPR for further consideration (45:69). CCPR agreed to retain the MRLs for peppers and peppers chili, dried at Step 4, awaiting new data (47:86).The CCPR agreed to hold the proposed draft MRLs for peppers and peppers chilli, dried at Step 4, awaiting the outcome of the 2017 JMPR evaluation. (48:78)
HS 0444	Peppers Chili, dried	5			4	2015	48	45		Retained the MRLs for peppers and peppers chili, dried at Step 4. The supporting residue data set did not meet the proportionality criteria. The industry would submit new data to JMPR for further consideration (45:69). The CCPR agreed to hold the proposed draft MRLs for peppers and peppers chilli, dried at Step 4, awaiting the outcome of the 2017 JMPR evaluation (48:78).
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.5			CXL	2014	47		2015	
FP 0009	Pome fruits	0.5			CXL	12	45		2013	
VR 0589	Potato	0.03			CXL	12	45		2013	
PM 0110	Poultry meat	0.5			CXL	2015	48		2016	
PO 0111	Poultry, Edible offal of	2			CXL	2015	48		2016	
SO 0495	Rape seed	1			CXL	2014	47		2015	

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0272	Raspberries, Red, Black	3		CXL	2014	47		2015	
VD	4521	Soybean (dry)	0.05		CXL	2015	48		2016	
FB	0275	Strawberry	0.4		CXL	12	45		2013	
VR	0596	Sugar beet	0.04		CXL	12	45		2013	
VO	0448	Tomato	0.4		CXL	12	45		2013	
TN	0085	Tree nuts	0.04		CXL	12	45		2013	

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**244 Meptyldinocap**

Main Uses: Fungicide

JMPR: 2010 (T,R)

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

Acute RfD: Unnecessary (2010)

Residue: Definition of the residue (for compliance with the MRL) for plant commodities: Dinocap, sum of all isomers.

Definition of the residue (for estimation of dietary intake) for plant commodities: The sum of meptyldinocap, and the corresponding phenol 2, 4-DNOP, expressed as parent meptyldinocap.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC	0424 Cucumber	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
FB	0269 Grapes	0.2	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
VC	0046 Melons, except watermelon	0.5	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
VC	0431 Squash, summer	0.07	M,d		CXL	10	43		2011	The maximum residue level accommodates the residues derived from the use of dinocap on fruiting vegetables, cucumbers. The Meeting recommended to re-evaluate the current CXL of 0.05*.
FB	0275 Strawberry	0.3	M,d		CXL	10	43		2011	The current dinocap Codex MRL of 0.5 mg/kg covers the use of meptyldinocap.

**245 Thiamethoxam**

Main Uses: Insecticide

JMPR: 2010 (T,R), 2011 (R), 2012 (R), 2014 (R)

ADI: 0-0.08 mg/kg bw (2010)

Acute RfD: 1 mg/kg bw (2010)

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

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

Definition of the residue (for estimation of the dietary intake) for poultry: Sum of thiamethoxam, CGA 265307 and MU3, expressed as thiamethoxam; and clothianidin (clothianidin to be considered separately from thiamethoxam).

The residue is not fat-soluble.

Note: The recommendations for CGA322704 are listed in the clothianidin appraisal 2014.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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: 2011 (T,R), 2012 (R), 2015 (R)

ADI: 0–0.07 mg/kg bw (2011)

Acute RfD: 0.1 mg/kg bw (2011)

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

Definition of the residue for animal commodities (for compliance with the MRL and for estimation of dietary intake): 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	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 (includes all commodities in this subgroup)	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	
MM 0095	Meat (from mammals other than marine mammals)	0.5			CXL	2015	48		2016	
ML 0106	Milks	0.2			CXL	2015	48		2016	
VL 0485	Mustard greens	15			4	2015	48			

The CCPR noted the acute intake concern expressed by the 2015 JMPR for mustard green and agreed to advance the proposed draft MRL to Step 4, awaiting the evaluation of alternative GAP by the 2017 JMPR (48:81).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0245	Nectarine			CXL	11	44		2012	
VA	0385	Onion, Bulb			CXL	11	44		2012	
FS	0247	Peach			CXL	11	44		2012	
VP	0064	Peas, Shelled (succulent seeds)			CXL	11	44		2012	
HS	0790	Pepper, Black, White			CXL	2015	48		2016	
HS	0444	Peppers Chili, dried			CXL	11	44		2012	
FS	0014	Plums (including prunes) (includes all commodities in this subgroup)		Except prunes	CXL	11	44		2012	
FP	0009	Pome fruits			CXL	11	44		2012	
PM	0110	Poultry meat			CXL	11	44		2012	
PO	0111	Poultry, Edible offal of			CXL	11	44		2012	
DF	0014	Prunes, dried			CXL	11	44		2012	
VA	0389	Spring Onion			CXL	11	44		2012	
FB	0275	Strawberry			CXL	11	44		2012	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	2015	48		2016	
AS	0447	Sweet corn fodder			CXL	2015	48		2016	
TN	0085	Tree nuts			CXL	11	44		2012	



**247 Emamectin benzoate**

Main Uses: Insecticide

JMPR: 2011 (T,R), 2014 (R)

ADI: 0–0.0005 mg/kg bw (2011)

Acute RfD: 0.02 mg/kg bw (2014)

Residue: Definition of the 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: 2011 (T,R), 2015 (R)

ADI: 0–0.01 mg/kg bw (2011)

Acute RfD: 0.05 mg/kg bw (2011)

Residue: Definition of the 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 (includes all commodities in this subgroup)	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 Nectarine and Apricots) (includes all commodities in this subgroup)	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	
HS 0444	Peppers Chili, dried	10			CXL	11	44		2012	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 2011 (T,R)

ADI: 0–0.06 mg/kg bw (2011)

Acute RfD: 0.3 mg/kg bw (2011)

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

Definition of the residue for estimation of dietary intake for plant commodities: sum of isopyrazam and 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid [9-(1-hydroxyl-1-methylethyl)-(1RS, 4RS, 9RS)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]amide expressed as isopyrazam.

Definition of the residue (for compliance with the MRL the estimation of dietary intake) for animal commodities: isopyrazam (sum of syn-isomer and anti-isomer).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.06			CXL	11	44		2012	
GC 0640	Barley	0.07			CXL	11	44		2012	
AS 0640	Barley straw and fodder, Dry	3			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.02			CXL	11	44		2012	
PE 0112	Eggs	0.01		(*)	CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	11	44		2012	
FM 0183	Milk fats	0.02			CXL	11	44		2012	
ML 0106	Milks	0.01		(*)	CXL	11	44		2012	
PF 0111	Poultry fats	0.01		(*)	CXL	11	44		2012	
PM 0110	Poultry meat	0.01		(*)	CXL	11	44		2012	
PO 0111	Poultry, Edible offal of	0.01		(*)	CXL	11	44		2012	
GC 0650	Rye	0.03			CXL	11	44		2012	
AS 0650	Rye straw and fodder, Dry	3			CXL	11	44		2012	
GC 0653	Triticale	0.03			CXL	11	44		2012	
AS 0653	Triticale straw and fodder, Dry	3			CXL	11	44		2012	
GC 0654	Wheat	0.03			CXL	11	44		2012	
CM 0654	Wheat bran, Unprocessed	0.15			CXL	11	44		2012	
AS 0654	Wheat straw and fodder, Dry	3			CXL	11	44		2012	

**250 Propylene oxide**

Main Uses: Insecticide  
 JMPR: 2011 (T,R)  
 ADI: 0-0.04 mg/kg body weight 2011  
 Acute RfD: 0.04 mg/kg body weight (2011)  
 Residue: Definition of the residue( for compliance with MRL) for plant commodities: propylene oxide.  
 Definition of the residue (for estimation of dietary intake) for plant commodities: propylene oxide, propylene chlorohydrin and propylene bromohydrin.  
 Propylene chlorohydrin and propylene bromohydrin to be considered separately from propylene oxide.  
 The residue is not fat-soluble.  
 Note: propylene chlorohydrin  
 ADI: None established : The Meeting could not establish an ADI or ARfD for propylene chlorohydrin and propylene bromohydrin due to insufficient data.  
 ARfD:None established  
 propylene bromohydrin  
 ADI: None established  
 ARfD: None established

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

Main Uses: Herbicide

JMPR: 2011 (T,R), 2012 (R), 2016 (R)

ADI: 0-0.05 mg/kg bw (2011)

Acute RfD: Unnecessary (2011)

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

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	0.06			3	2016	49			
FI 0327	Banana	0.01			CXL	11	44		2012	
GC 0640	Barley	1			3	2016	49			
CM 0640	Barley bran, unprocessed	3			3	2016	49			
AS 0640	Barley straw and fodder, Dry	0.05			CXL	11	44		2012	
AS 0640	Barley straw and fodder, Dry	10			3	2016	49			
GC 0080	Cereal grains	0.01			CXL	11	44		2012	
FC 0001	Citrus fruits	0.01			CXL	11	44		2012	
SB 0716	Coffee beans	0.01			CXL	11	44		2012	
SO 0691	Cotton seed	0.2			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	0.3			CXL	11	44		2012	
MO 0105	Edible offal (mammalian)	60			3	2016	49			
PE 0112	Eggs	0.01	(*)		3	2016	49			
FB 0269	Grapes	0.01			CXL	11	44		2012	
AS 0162	Hay or fodder (dry) of grasses	30			3	2016	49			
AS 0645	Maize fodder (dry)	0.05			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.01			CXL	11	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.05			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	11	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.01			3	2016	49			
ML 0106	Milks	0.01			CXL	11	44		2012	
ML 0106	Milks	0.01			3	2016	49			
SO 0697	Peanut	0.01	(*)		3	2016	49			
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	(*)		3	2016	49			
PF 0111	Poultry fats	0.01	(*)		3	2016	49			
PM 0110	Poultry meat	0.01	(*)		3	2016	49			
PO 0111	Poultry, Edible offal of	0.01	(*)		3	2016	49			
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0012	Stone fruits			CXL	11	44		2012	
GS	0659	Sugar cane			3	2016	49			
DM	0659	Sugar cane molasses			3	2016	49			
SO	0702	Sunflower seed			CXL	11	44		2012	
SO	0702	Sunflower seed			3	2016	49			
GC	0447	Sweet Corn			CXL	11	44		2012	
TN	0085	Tree nuts			CXL	11	44		2012	
GC	0653	Triticale			3	2016	49			
AS	0653	Triticale straw and fodder, Dry			3	2016	49			
GC	0654	Wheat			3	2016	49			
AS	0654	Wheat straw and fodder, Dry			CXL	11	44		2012	
AS	0654	Wheat straw and fodder, Dry			3	2016	49			

**252 Sulfoxaflor**

Main Uses: Insecticide

JMPR: 2011 (T,R), 2013 (R), 2014 (R), 2016 (R)

ADI: 0-0.05 mg/kg bw (2011)

Acute RfD: 0.3 mg/kg bw (2011)

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

The residue is not fat soluble

Commodity 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 (includes all commodities in this subgroup)	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	
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	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2014	47		2015	
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	
ML 0106	Milks	0.2			CXL	11	45	44	2013	
VA 0385	Onion, Bulb	0.01 (*)			CXL	11	45	44	2013	
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.8			CXL	2014	47		2015	
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	0.4			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	15			CXL	11	45	44	2013	



Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	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	
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	
VR 0075	Root and tuber vegetables	0.03		Except carrots	CXL	11	45	44	2013	
VD 0541	Soya bean (dry)	0.3			CXL	11	45	44	2013	
AL 0541	Soya bean fodder	3			CXL	11	45	44	2013	
VA 0389	Spring Onion	0.7			CXL	11	45	44	2013	
FB 0275	Strawberry	0.5			CXL	11	45	44	2013	
TN 0085	Tree nuts	0.015			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).
GC 0653	Triticale	0.2			CXL	11	45	44	2013	
GC 0654	Wheat	0.2			CXL	11	45	44	2013	
AS 0654	Wheat straw and fodder, Dry	3			CXL	11	45	44	2013	

**253 Penthiopyrad**

Main Uses: Fungicide

JMPR: 2011 (T), 2012 (R), 2013 (R)

ADI: 0-0.1 mg/kg bw (2011)

Acute RfD: 1 mg/kg bw (2011)

Residue: Definition of the residue (for compliance with MRL) for plant commodities: penthiopyrad.

Definition of the residue (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	Commodity 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	12	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	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	2		Except sweet corn and mushroom	CXL	12	45		2013	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	12	45		2013	
VL 0053	Leafy vegetables	30		Except brassica leafy vegetables	CXL	12	45		2013	
GC 0645	Maize	0.01			CXL	2012	46	45	2014	
CF 1255	Maize flour	0.05			CXL	2012	46	45	2014	
AS 0645	Maize fodder (dry)	10	(DM		4	12	45			
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	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0485	Mustard greens	50			4	2012	46	45		See note below.
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	12	45		2013	
VA 0387	Onion, Welsh	4			CXL	12	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	12	45		2013	
VP 0064	Peas, Shelled (succulent seeds)	0.3			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	14			CXL	12	45		2013	
FP 0009	Pome fruits	0.4			CXL	2012	46	45	2014	
VR 0589	Potato	0.05			CXL	12	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	12	45	2013		
VR 0494	Radish	3			CXL	12	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	
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	12	45		2013	
FS 0012	Stone fruits	4			CXL	12	45		2013	
FB 0275	Strawberry	3			CXL	12	45		2013	
VR 0596	Sugar beet	0.5			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	12	45		2013	
TN 0085	Tree nuts	0.05			CXL	12	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	12	45		2013	
GC 0654	Wheat	0.1			CXL	2013	46		2014	

Note: On the basis of information provided to JMPR it was not possible to conclude from the estimate of short-term intake for penthiopyrad that the consumption of mustard greens was less than the ARfD (2012 JMPR). Retained the MRLs for alfalfa fodder; almond hulls; barley; barley straw and fodder, dry; cabbages, head; cotton gin trash; cotton seed; eggs; maize; maize flour; maize fodder (dry); maize oil, crude; millet; millet fodder, dry; mustard greens; oat straw and fodder, dry; oats; pea hay or pea fodder (dry); peanut; peanut fodder; peanut oil, edible; pome fruits; poultry fats; poultry meat; poultry, edible offal of; rape seed; rape seed oil, crude; rape seed oil, edible; rye; rye straw and fodder, dry; sorghum; sorghum straw and fodder, dry; soya bean (dry); soya bean fodder; sugar beet; sunflower seed; triticale; triticale straw and fodder, dry; wheat; wheat bran, processed; wheat germ; wheat straw and fodder, dry at Step 4 awaiting the JMPR assessment of an animal dietary burden that excludes the Australian dietary burden estimates (as penthiopyrad was not registered for use on soy beans in Australia) and consideration of an alternative GAP for mustard greens (45:79). Retained the MRLs for mustard greens at Step 4 in light of the acute intake risk identified by JMPR in 2012 and await advice on the availability of an alternative GAP (46:96). See maize fodder dry (47:95).

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

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**254 Chlorfenapyr**

Main Uses: Insecticide

JMPR: 2012(T,R), 2013(T)

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

Acute RfD: 0.03 mg/kg bw (2012)

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

Definition of the residue (for estimation of dietary intake) for plant and animal commodities: a conclusion could not be reached.

The residue is fat soluble.

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

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**255 Dinotefuran**

Main Uses: Insecticide

JMPR: 2012 (T,R)

ADI: 0-0.2 mg/kg bw (2012)

Acute RfD: 1 mg/kg bw (2012)

Residue: Definition of the residue (for compliance with the MRL) for plant commodities: dinotefuran.

Definition of the residue (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.

Definition of the residue (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	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			CXL	12	45		2013	
VS 0624	Celery	0.6			CXL	12	45		2013	
SO 0691	Cotton seed	0.2			CXL	12	45		2013	
FB 0265	Cranberry	0.15			CXL	12	45		2013	
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			CXL	12	45		2013	
MO 0105	Edible offal (mammalian)	0.1			CXL	12	45		2013	
PE 0112	Eggs	0.02	(*)		CXL	12	45		2013	
VO 0050	Fruiting vegetables other than cucurbits	0.5		Except sweet corn and mushrooms	CXL	12	45		2013	
VC 0045	Fruiting vegetables, Cucurbits	0.5			CXL	12	45		2013	
FB 0269	Grapes	0.9			CXL	12	45		2013	
VL 0053	Leafy vegetables	6		Except watercress	CXL	12	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	12	45		2013	
ML 0106	Milks	0.1			CXL	12	45		2013	
FS 0245	Nectarine	0.8			CXL	12	45		2013	
VA 0385	Onion, Bulb	0.1			CXL	12	45		2013	
FS 0247	Peach	0.8			CXL	12	45		2013	
HS 0444	Peppers Chili, dried	5			CXL	12	45		2013	
PM 0110	Poultry meat	0.02	(*)		CXL	12	45		2013	
PO 0111	Poultry, Edible offal of	0.02	(*)		CXL	12	45		2013	
GC 0649	Rice	8			CXL	12	45		2013	
AS 0649	Rice straw and fodder, Dry	6			CXL	12	45		2013	
CM 1205	Rice, Polished	0.3			CXL	12	45		2013	
VA 0389	Spring Onion	4			CXL	12	45		2013	
VL 0473	Watercress	7			CXL	12	45		2013	

**256 Fluxapyroxad**

Main Uses: Fungicide

JMPR: 2012 (T,R), 2015 (R)

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

Acute RfD: 0.3 mg/kg bw (2012)

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

Definition of the residue (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.

Definition of the residue (for estimation of dietary intake) for animal commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'- biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) expressed as parent equivalents.

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
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	
VL 0054	Brassica leafy vegetables	4			CXL	2015	48		2016	
VR 0577	Carrot	1			CXL	2015	48		2016	
VS 0624	Celery	10			CXL	2015	48		2016	
FS 0013	Cherries (includes all commodities in this subgroup)	3			CXL	2015	48		2016	
VD 0524	Chick-pea (dry)	0.4			CXL	12	45		2013	
SO 0691	Cotton seed	0.3			CXL	2015	48		2016	
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	
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	

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)	0.2 (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): several cultivars	0.3			CXL	2015	48		2016	
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 Nectarine and Apricots) (includes all commodities in this subgroup)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	0.01			CXL	12	45		2013	
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 prunes) (includes all commodities in this subgroup)	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	
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	



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD	0541	Soya bean (dry)			CXL	12	45		2013	
VP	0541	Soya bean (immature seeds)			CXL	12	45		2013	
VP	0546	Soya bean (young pod)			CXL	12	45		2013	
AL	0541	Soya bean fodder	dry wt		CXL	12	45		2013	
AB	0541	Soya bean hulls			CXL	12	45		2013	
VR	0596	Sugar beet			CXL	12	45		2013	
VO	0447	Sweet corn (corn-on-the-cob)			CXL	12	45		2013	
TN	0085	Tree nuts			CXL	2015	48		2016	
GC	0653	Triticale			CXL	12	45		2013	
AS	0653	Triticale straw and fodder, Dry			CXL	12	45		2013	
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: 2012 (T,R)

ADI: 0-0.1 mg/kg bw (2012)

Acute RfD: 0.6 mg/kg bw (2012)

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

Definition of the residue (for estimation of dietary intake) for plant commodities: Sum of MCPA, its conjugates and esters, all expressed as MCPA.

Definition of the residue (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	Commodity 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	
GC 0654	Wheat	0.2			CXL	12	45		2013	
AS 0654	Wheat straw and fodder, Dry	50			CXL	12	45		2013	

**258 Picoxystrobin**

Main Uses: Fungicide

JMPR: 2012 (T,R), 2013 (R), 2016 (R)

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

Acute RfD: 0.09 mg/kg bw (2012)

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

Definition of the residue (for estimation of dietary intake) for plant and animal commodities: a conclusion could not be reached.

The residue is fat soluble.

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

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**259 Sedaxane**

Main Uses: Fungicide

JMPR: 2012 (T,R), 2014 (R)

ADI: 0-0.1 mg/kg bw 2012

Acute RfD: 0.3 mg/kg bw (2012)

Residue: Definition of the 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	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: 2012 (T,R)

ADI: Unnecessary mg/kg bw 2012

Acute RfD: Unnecessary (2012)

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

Definition of the residue for compliance with the MRL for animal commodities: sum of ametoctradin, M650F01 and M650F06, expressed as Ametoctradin.

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: 2013 (T), 2014 (R), 2016 (R)

ADI: 0–0.05 mg/kg bw (2013)

Acute RfD: 0.1 mg/kg bw (2013)

Residue: Definition of the residue (for compliance with the MRL and for dietary risk assessment) for plant and animal commodities: Benzovindiflupyr.

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	1			3	2016	49			
AS 0640	Barley straw and fodder, Dry	15	(dw)		3	2016	49			
VD 0071	Beans (dry)	0.2			3	2016	49			
SB 0716	Coffee beans	0.15			3	2016	49			
DF 0269	Dried grapes (=currants, raisins and sultanas)	3			3	2016	49			
MO 0105	Edible offal (mammalian)	0.01	(*)		CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.1			3	2016	49			
PE 0112	Eggs	0.01	(*)		CXL	2014	47		2015	
PE 0112	Eggs	0.01	(*)		3	2016	49			
VO 0050	Fruiting vegetables other than cucurbits	0.9			3	2016	49			
VC 0045	Fruiting vegetables, Cucurbits	0.2			3	2016	49			
FB 0269	Grapes	1			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.03			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.03	F		3	2016	49			
ML 0106	Milks	0.01	(*)		CXL	2014	47		2015	
ML 0106	Milks	0.01	(*)		3	2016	49			
AS 0647	Oat straw and fodder, Dry	15	(dw)		3	2016	49			
GC 0647	Oats	1			3	2016	49			
AL 0072	Pea hay or pea fodder (dry)	8	(dw)		3	2016	49			
SO 0697	Peanut	0.04			3	2016	49			
AL 0697	Peanut fodder	15	(dw)		3	2016	49			
VD 0072	Peas (dry)	0.15			3	2016	49			
HS 0444	Peppers Chili, dried	9			3	2016	49			
FP 0009	Pome fruits	0.2			3	2016	49			
VR 0589	Potato	0.02			3	2016	49			
PF 0111	Poultry fats	0.01	(*)		CXL	2014	47		2015	
PF 0111	Poultry fats	0.01	(*)		3	2016	49			
PM 0110	Poultry meat	0.01	(*)		CXL	2014	47		2015	
PM 0110	Poultry meat	0.01	(*)		3	2016	49			
PO 0111	Poultry, Edible offal of	0.01	(*)		CXL	2014	47		2015	
PO 0111	Poultry, Edible offal of	0.01	(*)		3	2016	49			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0495 Rape seed	0.2			3	2016	49			
GC	0650 Rye	0.1			3	2016	49			
AS	0650 Rye straw and fodder, Dry	15 (dw)			3	2016	49			
VD	0541 Soya bean (dry)	0.05			CXL	2014	47		2015	
VD	0541 Soya bean (dry)	0.08			3	2016	49			
GS	0659 Sugar cane	0.04			3	2016	49			
VO	0447 Sweet corn (corn-on-the-cob)	0.01 (*)			3	2016	49			
GC	0653 Triticale	0.1			3	2016	49			
AS	0653 Triticale straw and fodder, Dry	15 (dw)			3	2016	49			
GC	0654 Wheat	0.1			3	2016	49			
AS	0654 Wheat straw and fodder, Dry	15 (dw)			3	2016	49			

**262 Bixafen**

Main Uses: Fungicide

JMPR: 2013 (T,R), 2016 (R)

ADI: 0–0.02 mg/kg bw (2013)

Acute RfD: 0.2 mg/kg bw (2013)

Residue: Definition of the residue (for compliance with MRLs) for plant commodities: bixafen.

Definition of the residue (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			3	2016	49			
AS 0640	Barley straw and fodder, Dry	20	(dw)		3	2016	49			
MO 0105	Edible offal (mammalian)	4			3	2016	49			
PE 0112	Eggs	0.05			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	2			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		3	2016	49			
FM 0183	Milk fats	5			3	2016	49			
ML 0106	Milks	0.2			3	2016	49			
AS 0647	Oat straw and fodder, Dry	20	(dw)		3	2016	49			
GC 0647	Oats	0.4			3	2016	49			
PF 0111	Poultry fats	0.05			3	2016	49			
PM 0110	Poultry meat	0.02	(*)		3	2016	49			
PO 0111	Poultry, Edible offal of	0.05			3	2016	49			
SO 0495	Rape seed	0.04			3	2016	49			
OR 0495	Rape seed oil, Edible	0.08			3	2016	49			
GC 0650	Rye	0.05			3	2016	49			
AS 0650	Rye straw and fodder, Dry	20	(dw)		3	2016	49			
GC 0653	Triticale	0.05			3	2016	49			
AS 0653	Triticale straw and fodder, Dry	20	(dw)		3	2016	49			
GC 0654	Wheat	0.05			3	2016	49			
CM 0654	Wheat bran, Unprocessed	0.15			3	2016	49			
AS 0654	Wheat straw and fodder, Dry	20	(dw)		3	2016	49			



**263 Cyantraniliprole**

Main Uses: Acaricide

JMPR: 2013 (T,R), 2015 (R)

ADI: 0–0.03 mg/kg bw (2013)

Acute RfD: Unnecessary (2013)

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

Definition of the residue (for estimation of dietary intake for unprocessed plant commodities): cyantraniliprole.

Definition of the residue (for estimation of dietary intake for processed plant commodities): sum of cyantraniliprole and 2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile.

Definition of the residue (for estimation of dietary intake for animal commodities): sum of:-cyantraniliprole

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile

2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-1,4-dihydro-8-methyl-4-oxo-6-quinazolinecarbonitrile

3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-(hydroxymethyl)-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide 3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2[(hydroxymethyl)amino]carbonyl]-6-methylphenyl]-1H-pyrazole-5-carboxamide expressed as cyantraniliprole.

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	0061	40	(DM)		CXL	2015	48		2016	(DM) = dry matter
VD	0071	0.3			CXL	2015	48		2016	
VP	0062	0.3			CXL	2015	48		2016	
VB	0040	2			CXL	2013	46		2014	
FB	2006	4			CXL	2013	46		2014	
VS	0624	15			CXL	2013	46		2014	
FS	0013	6			CXL	2013	46		2014	
FC	0001	0.7			CXL	2015	48		2016	
OR	0001	4.5			CXL	2015	48		2016	
SB	0716	0.05			CXL	2015	48		2016	
VP	0526	1.5			CXL	2015	48		2016	
SO	0691	1.5			CXL	2015	48		2016	
MO	0105	1.5			CXL	2015	48		2016	
PE	0112	0.15			CXL	2015	48		2016	
AM	1051	0.02			CXL	2013	46		2014	
VO	0050	0.5		Except mushrooms & sweet corn	CXL	2013	46		2014	
VC	0045	0.3			CXL	2013	46		2014	
VA	0381	0.05			CXL	2013	46		2014	
VL	0053	20		Except Lettuce, Head	CXL	2013	46		2014	
AL	0157	0.8	dry wt		CXL	2013	46		2014	
VL	0482	5			CXL	2013	46		2014	
GC	0645	0.01	(*)		CXL	2015	48		2016	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.5			CXL	2015	48		2016	
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 prunes) (includes all commodities in this subgroup)	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	
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	
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	

**264 Fenamidone**

Main Uses: Fungicide

JMPR: 2013 (T), 2014 (T,R)

ADI: 0–0.03 mg/kg bw (2013)

Acute RfD: 1 mg/kg bw (2013)

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

Definition of the residue (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 □(CRPA 412636 + CRPA 412708).

Definition of the residue (for the estimation of dietary intake) for animal commodities: Sum of fenamidone plus 10 □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 □(CRPA 412636 + CRPA 412708).

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	0.8			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	
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	

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0485	Mustard greens	60			4	2014	47	46		On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for fenamidone that for children the consumption of mustard greens and spinach was less than the ARfD. CCPR agreed to retain the MRLs for mustard greens and spinach at Step 4 because of acute intake risks identified by the 2014 JMPR and await advice on the availability of alternative GAP information (47:98).
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	
VL 0502	Spinach	60			4	2014	47	46		On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for fenamidone that for children the consumption of mustard greens and spinach was less than the ARfD. See mustard greens (47:98).
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	
VS 0469	Witloof chicory (sprouts)	0.01 (*)			CXL	2014	47		2015	

**265 Fluensulfone**

Main Uses: Nematocide

JMPR: 2013 (T), 2014 (T,R), 2016 (T,R)

ADI: 0–0.01 mg/kg bw (2013)

Acute RfD: 0.3 mg/kg bw (2013)

Residue: Definition of the 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.

Definition of the residue (for dietary risk assessment) for plant commodities: fluensulfone.

Definition of the residue (for compliance with MRLs and for dietary risk assessment) for animal commodities: fluensulfone.

The residue is fat soluble.

Note: (R): Indicates a maximum residue level relating to rotational crops.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0574	Beetroot	4		3	2016	49			
VB	0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	1.5		3	2016	49			
VR	0577	Carrot	4		3	2016	49			
VR	0578	Celeriac	4		3	2016	49			
VS	0624	Celery	2		3	2016	49			
VR	0579	Chervil, Turnip-rooted	4		3	2016	49			
VC	0424	Cucumber	0.7		3	2016	49			
MO	0105	Edible offal (mammalian)	0.01	(*)	3	2016	49			
PE	0112	Eggs	0.01	(*)	3	2016	49			
VO	0050	Fruiting vegetables other than cucurbits	0.3		CXL	2014	47		2015	
VO	0050	Fruiting vegetables other than cucurbits	0.7		3	2016	49			
VC	0045	Fruiting vegetables, Cucurbits	0.3		CXL	2014	47		2015	Withdrawal recommended by JMPR 2016
VR	0583	Horseradish	4		3	2016	49			
VL	0481	Komatsuna	9		3	2016	49			
VL	0053	Leafy vegetables	1	(not specified elsewhere) (R)	3	2016	49			
VP	0060	Legume vegetables	0.1		3	2016	49			
VL	0482	Lettuce, Head	0.8		3	2016	49			
FB	2009	Low growing berries	0.5		3	2016	49			
MF	0100	Mammalian fats (except milk fats)	0.01	(*)	3	2016	49			
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*) (fat)	3	2016	49			
VC	0046	Melons, except watermelon	0.3		3	2016	49			
ML	0106	Milks	0.01	(*)	3	2016	49			
VL	0485	Mustard greens	20		3	2016	49			
VR	0588	Parsnip	4		3	2016	49			
HS	0444	Peppers Chili, dried	2		CXL	2014	47		2015	
HS	0444	Peppers Chili, dried	7		3	2016	49			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR	0589	Potato			3	2016	49			
DV	0589	Potato, dried			3	2016	49			
PF	0111	Poultry fats			3	2016	49			
PM	0110	Poultry meat			3	2016	49			
PO	0111	Poultry, Edible offal of			3	2016	49			
VR	0494	Radish			3	2016	49			
VL	0494	Radish leaves (including radish tops)			3	2016	49			
VR	0591	Radish, Japanese			3	2016	49			
VR	0075	Root and tuber vegetables		(not specified elsewhere) (R)	3	2016	49			
VL	0502	Spinach			3	2016	49			
VC	0431	Squash, summer			3	2016	49			
VR	0497	Swede			3	2016	49			
VR	0508	Sweet potato			3	2016	49			
VW	0448	Tomato paste			CXL	2014	47		2015	
VW	0448	Tomato paste			3	2016	49			
DV	0448	Tomato, dried			CXL	2014	47		2015	
DV	0448	Tomato, dried			3	2016	49			
VL	0506	Turnip greens			3	2016	49			
VR	0506	Turnip, Garden			3	2016	49			
VC	0432	Watermelon			3	2016	49			

**266 Imazapic**

Main Uses: Herbicide

JMPR: 2013 (T,R), 2015 (R)

ADI: 0–0.7 mg/kg bw (2013)

Acute RfD: Unnecessary (2013)

Residue: Definition of the 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: 2013 (T,R), 2015 (R)

ADI: 0–3 mg/kg bw (2013)

Acute RfD: Unnecessary (2013)

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) 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
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: 2013 (T,R)

ADI: 0–0.02 mg/kg bw (2013)

Acute RfD: Unnecessary (2013)

Residue: Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

Definition of the residue (for compliance with the MRL) for animal commodities: sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

Definition of the residue (for estimation of dietary intake) for animal commodities: sum of isoxaflutole, isoxaflutole diketonitrile, RPA 205834 (2-aminomethylene-1-cyclopropyl-3-(2-mesy-4-trifluoromethylphenyl)-propane-1,3-dione) and RPA 207048 (1-cyclopropyl-2-hydroxymethylene-3-(2-mesy-4-trifluoromethylphenyl)-propane-1,3-dione), including their conjugates, expressed as isoxaflutole.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 2013 (T), 2016 (R)

ADI: 0–0.006 mg/kg bw (2013)

Acute RfD: 0.01 mg/kg bw (2013)

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

Definition of the residue (for compliance with the MRL and estimation of dietary intake) for animal commodities: sum of tolfenpyrad, 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 tolfenpyrad.

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 (*)			3	2016	49			
VR	0589 Potato	0.01 (*)			3	2016	49			
DT	1116 Tea, green	30			CXL	2013	46		2014	

**270 Triflumizole**

Main Uses: Fungicide

JMPR: 2013 (T,R)

ADI: 0–0.04 mg/kg bw (2013)

Acute RfD: 0.3 mg/kg bw (2013)

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0013 Cherries (includes all commodities in this subgroup)	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: 2013 (T,R)

ADI: 0–0.3 mg/kg bw (2013)

Acute RfD: Unnecessary (2013)

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

Definition of the residue (for estimation of dietary intake) for plant commodities: trinexapac and its conjugates, expressed as trinexapac acid.

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0640 Barley	3			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: 2014 (T,R)

ADI: 0-3 mg/kg bw (2014)

Acute RfD: Unnecessary (2014)

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

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)	0.3		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: 2014 (T,R)

ADI: 0-0.1 mg/kg bw (2014)

Acute RfD: Unnecessary (2014)

Residue: Definition of the residue (for compliance with the MRL) for plant commodities: Cyflumetofen.

Definition of the residue (for estimation of dietary intake) for plant commodities: Sum of cyflumetofen and 2-trifluoromethylbenzoic acid, expressed as cyflumetofen.

Definition of the residue (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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 2014 (T,R)

ADI: 0-0.01 mg/kg bw (2014)

Acute RfD: 0.5 mg/kg bw (2014)

Residue: Definition of the 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	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	
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: 2014 (T,R)

ADI: 0-0.04 mg/kg bw (2014)

Acute RfD: Unnecessary (2014)

Residue: Definition of the 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): several cultivars	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: 2014 (T,R)

ADI: 0-3 mg/kg bw (2014)

Acute RfD: 3 mg/kg bw (2014)

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

Definition of the residue (for estimation of dietary intake) 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	Commodity Name	MRL (mg/kg)	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa fodder	0.1	(*)	CXL	2014	47		2015	
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	
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: 2014 (T,R)

ADI: 0-0.5 mg/kg bw (2014)

Acute RfD: Unnecessary (2014)

Residue: Definition of the 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: 2014 (T,R), 2016 (R)

ADI: 0-0.3 mg/kg bw (2014)

Acute RfD: Unnecessary (2014)

Residue: Definition of the 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 (includes all commodities in this subgroup)	2			3	2016	49			
VC 0424	Cucumber	0.2			CXL	2014	47		2015	Withdrawal recommended by JMPR 2016
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			3	2016	49			
PE 0112	Eggs	0.01 (*)			CXL	2014	47		2015	
VC 0045	Fruiting vegetables, Cucurbits	0.5			3	2016	49			
VC 0425	Gherkin	0.2			CXL	2014	47		2015	Withdrawal recommended by JMPR 2016
FB 0269	Grapes	5			CXL	2014	47		2015	
DH 1100	Hops, Dry	70			3	2016	49			
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 Nectarine and Apricots) (includes all commodities in this subgroup)	0.7			3	2016	49			
VO 0444	Peppers Chili	2			CXL	2014	47		2015	
VO 0444	Peppers Chili	2			3	2016	49			
HS 0444	Peppers Chili, dried	20			CXL	2014	47		2015	
HS 0444	Peppers Chili, dried	20			3	2016	49			
VO 0445	Peppers, Sweet (including pimento or pimienta)	2			CXL	2014	47		2015	
VO 0445	Peppers, Sweet (including pimento or pimienta)	2			3	2016	49			
FP 0009	Pome fruits	1			3	2016	49			
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0650 Rye	0.06			CXL	2014	47		2015	
AS	0650 Rye straw and fodder, Dry	10	(dw)		CXL	2014	47		2015	
VC	0431 Squash, summer	0.06			CXL	2014	47		2015	Withdrawal recommended by JMPR 2016
FB	0275 Strawberry	0.6			CXL	2014	47		2015	
VO	0448 Tomato	0.4			CXL	2014	47		2015	
VO	0448 Tomato	0.6			3	2016	49			
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	



**280 Acetochlor**

Main Uses: Herbicide

JMPR: 2015 (T,R)

ADI: 0–0.01 mg/kg bw (2015)

Acute RfD: 1 mg/kg bw (2015)

Residue: Definition of the 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

Note: The Committee noted that the Delegation of 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	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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: 2015 (T, R)

ADI: 0–0.2 mg/kg bw (2015)

Acute RfD: Unnecessary (2015)

Residue: Cyaz = Residue based on cyazofamid + CCIM, expressed as cyazofamid.

CC-R = Residues of CCIM from analysis of raw commodities.

CC-C = Residues of CCIM + cyazofamid, expressed as CCIM to account for conversion of cyazofamid to CCIM during cooking.

Definition of the residue (for compliance with the MRLs) for plant commodities: Cyazofamid.

Definition of the residue (for estimating long-term dietary intake) from plant commodities: Cyazofamid plus CCIM, expressed as cyazofamid.

Definition of the residue (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.

Definition of the residue (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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP	0061	Beans, except broad bean and soya bean	0.4		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	
VL	0054	Brassica leafy vegetables	15		CXL	2015	48		2016	
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	
DH	1100	Hops, Dry	15		CXL	2015	48		2016	
VL	0053	Leafy vegetables	10	Except brassica leafy vegetables	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: 2015 (T,R), 2016 (R)

ADI: 0–0.07 mg/kg bw (2015)

Acute RfD: Unnecessary (2015)

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

Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for animal commodities: Sum of flonicamid and the metabolite 4-(trifluoromethyl)nicotinamide.

The residue is not fat soluble.

Note: The Committee noted that the Delegation of USA had submitted a concern form requesting a review of the JMPR decision on MRLs for cucurbits based upon the green house cucumber data. The JMPR Secretariat clarified that with the current principle JMPR was not able to make an estimation on MRLs for cucurbits but that the 2016 JMPR would provide a reply to the concern form for consideration by CCPR49.(48:102)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM	0660 Almond hulls	9			4	2015	48		2016	See Almonds. The JMPR advised the Committee that the livestock dietary burden for flonicamid would be reviewed by the 2016 JMPR and the Committee agreed to hold the proposed draft MRLs for commodities of animal origin and for animal feed (and associated) commodities at Step 4 (48:100).
TN	0660 Almonds	0.01 (*)			4	2015	48			
VB	0040 Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2			4	2015	48			See Almonds.
VL	0054 Brassica leafy vegetables	15			4	2015	48			See Almonds.
VS	0624 Celery	1.5			CXL	2015	48		2016	
FS	0013 Cherries (includes all commodities in this subgroup)	0.9			CXL	2015	48		2016	
SO	0691 Cotton seed	0.6			CXL	2015	48		2016	
MO	0105 Edible offal (mammalian)	0.06			4	2015	48			See Almonds.
MO	0105 Edible offal (mammalian)	0.2			3	2016	49			
PE	0112 Eggs	0.03			4	2015	48			See Almonds.
PE	0112 Eggs	0.15			3	2016	49			
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	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	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.02			4	2015	48		2016	See Almonds.
MF 0100	Mammalian fats (except milk fats)	0.05			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.05			4	2015	48			See Almonds.
MM 0095	Meat (from mammals other than marine mammals)	0.15			3	2016	49			
ML 0106	Milks	0.04			4	2015	48			See Almonds.
ML 0106	Milks	0.15			3	2016	49			
HH 0738	Mints	6			CXL	2015	48		2016	
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	0.7			CXL	2015	48		2016	
TN 0672	Pecan	0.01		(*)	CXL	2015	48		2016	
FS 0014	Plums (including prunes) (includes all commodities in this subgroup)	0.1			CXL	2015	48		2016	
FP 0009	Pome fruits	0.8			4	2015	48			See Almonds.
VR 0589	Potato	0.015			4	2015	48			See Almonds.
PF 0111	Poultry fats	0.02			4	2015	48			See Almonds.
PF 0111	Poultry fats	0.05			3	2016	49			
PM 0110	Poultry meat	0.02			4	2015	48		2016	See Almonds.
PM 0110	Poultry meat	0.1			3	2016	49			
PO 0111	Poultry, Edible offal of	0.02			4	2015	48			See Almonds.
PO 0111	Poultry, Edible offal of	0.1			3	2016	49			
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			4	2015	48			See Almonds.
VL 0502	Spinach	20			CXL	2015	48		2016	
VW 0448	Tomato paste	7			CXL	2015	48		2016	
GC 0654	Wheat	0.08			4	2015	48			See Almonds.
AS 0654	Wheat straw and fodder, Dry	0.3			4	2015	48		2016	See Almonds.

**283 Fluzifop-p-butyl**

Main Uses: Herbicide

JMPR: 2016 (T,R)

ADI: 0-0.004 mg/kg bw (2016)

Acute RfD: 0.4 mg/kg bw (2016)

Residue: Definition of the residue (for compliance with MRLs) for plant commodities: total fluzifop, defined as the sum of fluzifop-P-butyl, fluzifop-P-acid (II) and their conjugates, expressed as fluzifop-P-acid.

Definition of the residue (for dietary risk assessment) for plant commodities: the sum of fluzifop-P-butyl, fluzifop-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 fluzifop-P-acid.

Definition of the residue (for compliance with MRLs and for dietary risk assessment) for animal commodities: total fluzifop, defined as the sum of fluzifop-P-butyl, fluzifop-P-acid (II) and their conjugates, expressed as fluzifop-P-acid.

The residue is fat soluble.

Note: The information provided to the 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		(*)	3	2016	49			
FI 0327	Banana	0.01		(*)	3	2016	49			
AL 0061	Bean fodder	7		(dw)	3	2016	49			
VD 0071	Beans (dry)	40			3	2016	49			
VP 0061	Beans, except broad bean and soya bean	6			3	2016	49			
VB 0041	Cabbages, Head	3			3	2016	49			
FB 2005	Cane berries	0.01		(*)	3	2016	49			
VR 0577	Carrot	0.6			3	2016	49			
VR 0578	Celeriac	0.4			3	2016	49			
FC 0001	Citrus fruits	0.01		(*)	3	2016	49			
AB 0001	Citrus pulp, Dry	0.06		(*)	3	2016	49			
SB 0716	Coffee beans	0.01		(*)	3	2016	49			
SO 0691	Cotton seed	0.7			3	2016	49			
FB 0021	Currants, Black, Red, White	0.01		(*)	3	2016	49			
MO 0105	Edible offal (mammalian)	0.2			3	2016	49			
VO 0440	Egg plant	0.4			3	2016	49			
PE 0112	Eggs	0.03			3	2016	49			
VD 0561	Field pea (dry)	3			3	2016	49			
AM 1051	Fodder beet	0.5			3	2016	49			
VA 0381	Garlic	0.3			3	2016	49			
FB 0268	Gooseberry	0.01		(*)	3	2016	49			
FB 0269	Grapes	0.01		(*)	3	2016	49			
VL 0483	Lettuce, Leaf	0.01		(*)	3	2016	49			
TN 0669	Macadamia nuts	0.01		(*)	3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.09			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.09		(fat)	3	2016	49			
ML 0106	Milks	0.2			3	2016	49			
SO 0305	Olives for oil production	0.01		(*)	3	2016	49			
VA 0385	Onion, Bulb	0.3			3	2016	49			
OR 0004	Orange oil, edible	0.05		(*)	3	2016	49			

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0063	Peas (pods and succulent=immature seeds)	2			3	2016	49			
VP 0064	Peas, Shelled (succulent seeds)	15			3	2016	49			
TN 0672	Pecan	0.01		(*)	3	2016	49			
FP 0009	Pome fruits	0.01		(*)	3	2016	49			
VR 0589	Potato	0.6			3	2016	49			
PF 0111	Poultry fats	0.03			3	2016	49			
PM 0110	Poultry meat	0.03			3	2016	49			
PO 0111	Poultry, Edible offal of	0.09			3	2016	49			
VA 0388	Shallot	0.3			3	2016	49			
VD 0541	Soya bean (dry)	15			3	2016	49			
AL 0541	Soya bean fodder	4		(dw)	3	2016	49			
FS 0012	Stone fruits	0.01		(*)	3	2016	49			
FB 0275	Strawberry	0.3			3	2016	49			
VR 0596	Sugar beet	0.5			3	2016	49			
DM 0596	Sugar beet molasses	7			3	2016	49			
AB 0596	Sugar beet pulp, Dry	20			3	2016	49			
GS 0659	Sugar cane	0.01		(*)	3	2016	49			
SO 0702	Sunflower seed	7			3	2016	49			
VR 0497	Swede	4			3	2016	49			
VR 0508	Sweet potato	2			3	2016	49			
FT 0305	Table Olives	0.01		(*)	3	2016	49			
VO 0448	Tomato	0.4			3	2016	49			
VR 0506	Turnip, Garden	4			3	2016	49			
TN 0678	Walnuts	0.01		(*)	3	2016	49			

**284 Flumioxazin**

Main Uses: Herbicide

JMPR: 2015 (T,R)

ADI: 0–0.02 mg/kg bw (2015)

Acute RfD: 0.03 mg/kg body weight (for women of child-bearing age) (2015)

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

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

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**285 Flupyradifurone**

Main Uses: Insecticide

JMPR: 2015 (T), 2016 (R)

ADI: 0–0.08 mg/kg bw (2015)

Acute RfD: 0.2 mg/kg bw (2015)

Residue: Definition of the residue (for compliance with MRLs) for plant commodities: Flupyradifurone.

Definition of the residue (for dietary risk assessment) for plant commodities: Sum of flupyradifurone, difluoroacetic acid and 6-chloronicotinic acid, expressed as parent equivalents.

Definition of the residue (for compliance with MRLs and for dietary risk assessment) for animal commodities: Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents.

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	3350 Alfalfa hay	30 (dw)			3	2016	49			
DF	0226 Apples, dried	2			3	2016	49			
AL	3351 Bean hay	30			3	2016	49			
VD	0071 Beans (dry)	0.4			3	2016	49			
VP	0061 Beans, except broad bean and soya bean	1.5		(green pods and immature seeds)	3	2016	49			
VP	0062 Beans, Shelled	0.2		(succulent = immature seeds)	3	2016	49			
VA	0036 Bulb vegetables, except fennel, bulb	0.01 (*)			3	2016	49			
FB	2006 Bush berries	4			3	2016	49			
VB	0041 Cabbages, Head	1.5			3	2016	49			
VB	0404 Cauliflower	6			3	2016	49			
VS	0624 Celery	9			3	2016	49			The information provided to the JMPR precludes an estimate that the dietary intake for celery, leaf lettuce, spinach and mustard greens would be below the ARfD.(JMPR 2016)
GC	0080 Cereal grains	3		Except maize and rice	3	2016	49			
SO	0691 Cotton seed	0.8			3	2016	49			
VC	0424 Cucumber	0.4			3	2016	49			
DF	0269 Dried grapes (=currants, raisins and sultanas)	8			3	2016	49			
MO	0105 Edible offal (mammalian)	4			3	2016	49			
PE	0112 Eggs	0.7			3	2016	49			
FB	0269 Grapes	3			3	2016	49			
FC	0002 Lemons and limes (including Citron)	1.5			3	2016	49			
VL	0482 Lettuce, Head	4			3	2016	49			
VL	0483 Lettuce, Leaf	15			3	2016	49			The information provided to the JMPR precludes an estimate that the dietary intake for celery, leaf lettuce, spinach and mustard greens would be below the ARfD.(JMPR 2016)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC	0645	Maize			3	2016	49			
AS	3490	Maize bran, unprocessed			3	2016	49			
MF	0100	Mammalian fats (except milk fats)			3	2016	49			
FC	0003	Mandarins ((including Mandarin-like hybrids)			3	2016	49			
MM	0095	Meat (from mammals other than marine mammals)			3	2016	49			
VC	0046	Melons, except watermelon			3	2016	49			
ML	0106	Milks			3	2016	49			
VL	0485	Mustard greens			3	2016	49			
										The information provided to the JMPR precludes an estimate that the dietary intake for celery, leaf lettuce, spinach and mustard greens would be below the ARfD.(JMPR 2016)
FC	0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars			3	2016	49			
AL	3353	Pea hay	50	(dw)	3	2016	49			
SO	0697	Peanut	0.04		3	2016	49			
AL	3352	Peanut hay	30	(dw)	3	2016	49			
VD	0072	Peas (dry)	3		3	2016	49			
VP	0063	Peas (pods and succulent=immature seeds)	3		3	2016	49			
VP	0064	Peas, Shelled (succulent seeds)	3		3	2016	49			
TN	0672	Pecan	0.015		3	2016	49			
VO	0051	Peppers	0.9		3	2016	49			
HS	0444	Peppers Chili, dried	9		3	2016	49			
FP	0009	Pome fruits	0.9		3	2016	49			
VR	0589	Potato	0.05		3	2016	49			
PF	0111	Poultry fats	0.3		3	2016	49			
PM	0110	Poultry meat	0.8		3	2016	49			
PO	0111	Poultry, Edible offal of	1		3	2016	49			
FC	0005	Pummelo and Grapefruits (including Shaddock-like hybrids, among others Grapefruit)	0.7		3	2016	49			
VR	0075	Root and tuber vegetables	0.7	Except potato	3	2016	49			
VD	0541	Soya bean (dry)	1.5		3	2016	49			
AL	3354	Soya bean hay	40	(dw)	3	2016	49			



Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL	0502 Spinach	30			3	2016	49			The information provided to the JMPR precludes an estimate that the dietary intake for celery, leaf lettuce, spinach and mustard greens would be below the ARfD.(JMPR 2016)
VC	0431 Squash, summer	0.2			3	2016	49			
AS	0081 Straw and fodder (dry) of cereal grains	40	(dw)		3	2016	49			
FB	0275 Strawberry	1.5			3	2016	49			
VO	0447 Sweet corn (corn-on-the-cob)	0.05			3	2016	49			
VR	0508 Sweet potato	0.05			3	2016	49			
VO	0448 Tomato	1			3	2016	49			
CM	0654 Wheat bran, Unprocessed	8			3	2016	49			
CF	1210 Wheat germ	5			3	2016	49			
CF	1212 Wheat wholemeal	5			3	2016	49			

**286 Lufenuron**

Main Uses: Insecticide

JMPR: 2015 (T, R)

ADI: 0–0.02 mg/kg bw (2015)

Acute RfD: Unnecessary (2015)

Residue: Definition of the 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
VC 0424	Cucumber	0.09			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.04			CXL	2015	48		2016	
PE 0112	Eggs	0.02			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.7			CXL	2015	48		2016	
MM 0095	Meat (from mammals other than marine mammals)	0.7			CXL	2015	48		2016	
VC 0046	Melons, except watermelon	0.4			CXL	2015	48		2016	
FM 0183	Milk fats	2			CXL	2015	48		2016	
ML 0106	Milks	0.1			CXL	2015	48		2016	
VO 0445	Peppers, Sweet (including pimento or pimiento)	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	
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: 2015 (T, R)

ADI: 0–0.4 mg/kg bw (2015)

Acute RfD: 2 mg/kg bw (2015)

Residue: Definition of the residue for compliance with MRL for plant commodities: quinclorac plus quinclorac conjugates.

Definition of the residue for estimating dietary intake for plant commodities: quinclorac plus quinclorac conjugate plus 10% quinclorac methyl ester, expressed as quinclorac.

Definition of the residue for compliance with MRL and estimating the dietary intake for animal commodities: quinclorac plus quinclorac conjugates.

The residue is fat-soluble.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0265	Cranberry	1.5			CXL	2015	48		2016	
VS 0627	Rhubarb	0.5			CXL	2015	48		2016	

**288 Acibenzolar-S-methyl**

Main Uses: Fungicide

JMPR: 2016 (T,R)

ADI: 0-0.08 mg/kg bw (2016)

Acute RfD: 0.5 mg/kg bw (2016)

Residue: Definition of the 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.

Definition of residue (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.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3			3	2016	49			
FI 0327	Banana	0.06			3	2016	49			
VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	0.7			3	2016	49			
VL 0054	Brassica leafy vegetables	1			3	2016	49			
FC 0001	Citrus fruits	0.015			3	2016	49			
MO 0105	Edible offal (mammalian)	0.02		(*)	3	2016	49			
PE 0112	Eggs	0.02		(*)	3	2016	49			
VC 0045	Fruiting vegetables, Cucurbits	0.8			3	2016	49			
VA 0381	Garlic	0.15			3	2016	49			
FI 0341	Kiwifruit	0.03			3	2016	49			
VL 0482	Lettuce, Head	0.2			3	2016	49			
VL 0483	Lettuce, Leaf	0.4			3	2016	49			
FB 2009	Low growing berries	0.15		(including strawberries)	3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.02		(*)	3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.02		(*)	3	2016	49			
ML 0106	Milks	0.01		(*)	3	2016	49			
VA 0385	Onion, Bulb	0.15			3	2016	49			
FS 2001	Peaches (including Nectarine and Apricots) (includes all commodities in this subgroup)	0.2			3	2016	49			
PF 0111	Poultry fats	0.02		(*)	3	2016	49			
PM 0110	Poultry meat	0.02		(*)	3	2016	49			
PO 0111	Poultry, Edible offal of	0.02		(*)	3	2016	49			
VA 0388	Shallot	0.15			3	2016	49			
VL 0502	Spinach	0.6			3	2016	49			
VO 0448	Tomato	0.3			3	2016	49			

**289 Imazethapyr**

Main Uses: Herbicide

JMPR: 2016 (T,R)

ADI: 0-0.6 mg/kg bw (2016)

Acute RfD: Unnecessary (2016)

Residue: Definition of the 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.

Definition of the residue (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 5-[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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	1031	1.5			3	2016	49			
				(dw)						
MO	0105	0.01		(*)	3	2016	49			
PE	0112	0.01		(*)	3	2016	49			
VD	0533	0.1		(*)	3	2016	49			
GC	0645	0.1		(*)	3	2016	49			
AS	0645	0.1		(*)	3	2016	49			(dw)
MF	0100	0.01		(*)	3	2016	49			
MM	0095	0.01		(*)	3	2016	49			
ML	0106	0.01		(*)	3	2016	49			
SO	0697	0.1		(*)	3	2016	49			
PF	0111	0.01		(*)	3	2016	49			
PM	0110	0.01		(*)	3	2016	49			
PO	0111	0.01		(*)	3	2016	49			
SO	0495	0.1		(*)	3	2016	49			
GC	0649	0.1		(*)	3	2016	49			
AS	0649	0.15		(*)	3	2016	49			(dw)
VD	0541	0.03			3	2016	49			

**290 Isofetamid**

Main Uses: Fungicide

JMPR: 2016 (T,R)

ADI: 0-0.05 mg/kg bw (2016)

Acute RfD: 3 mg/kg bw (2016)

Residue: Definition of the residue (for compliance with MRLs and for dietary risk assessment) for plant commodities: Isofetamid.

Definition of the residue (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	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.8		(dw)	3	2016	49			
TN 0660	Almonds	0.01		(*)	3	2016	49			
DF 0269	Dried grapes (=currants, raisins and sultanas)	7			3	2016	49			
MO 0105	Edible offal (mammalian)	0.07			3	2016	49			
PE 0112	Eggs	0.01		(*)	3	2016	49			
VL 0482	Lettuce, Head	5			3	2016	49			
VL 0483	Lettuce, Leaf	7			3	2016	49			
FB 2009	Low growing berries	4			3	2016	49			(includes all commodities in this subgroup)
MF 0100	Mammalian fats (except milk fats)	0.02			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.02		(fat)	3	2016	49			
ML 0106	Milks	0.01		(*)	3	2016	49			
PF 0111	Poultry fats	0.01		(*)	3	2016	49			
PM 0110	Poultry meat	0.01		(*)	3	2016	49			
PO 0111	Poultry, Edible offal of	0.01		(*)	3	2016	49			
SO 0495	Rape seed	0.015			3	2016	49			
OR 0495	Rape seed oil, Edible	0.03			3	2016	49			
FB 2008	Small fruit vine climbing (includes all commodities in this subgroup)	3			3	2016	49			

**291 Oxathiapiprolin**

Main Uses: Fungicide

JMPR: 2016 (T,R)

ADI: 0-4 mg/kg bw (2016)

Acute RfD: Unnecessary (2016)

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

Definition of the residue (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	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0400	Broccoli	1.5			3	2016	49			
VB 0041	Cabbages, Head	0.7			3	2016	49			
VB 0404	Cauliflower	0.3			3	2016	49			
DF 0269	Dried grapes (=currants, raisins and sultanas)	1.3			3	2016	49			
MO 0105	Edible offal (mammalian)	0.01		(*)	3	2016	49			
PE 0112	Eggs	0.01		(*)	3	2016	49			
VO 0050	Fruiting vegetables other than cucurbits	0.4		Except sweetcorn and mushrooms	3	2016	49			
VC 0045	Fruiting vegetables, Cucurbits	0.2			3	2016	49			
VA 0381	Garlic	0.04			3	2016	49			
VA 0382	Garlic, Great-headed	0.04			3	2016	49			
DV 0604	Ginseng, dried including red ginseng	0.15			3	2016	49			
FB 0269	Grapes	0.9			3	2016	49			
VA 0384	Leek	2			3	2016	49			
VL 0482	Lettuce, Head	3			3	2016	49			
VL 0483	Lettuce, Leaf	5			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	3	2016	49			
ML 0106	Milks	0.01		(*)	3	2016	49			
VA 0385	Onion, Bulb	0.04			3	2016	49			
VA 0387	Onion, Welsh	2			3	2016	49			
VP 0063	Peas (pods and succulent=immature seeds)	1			3	2016	49			
VP 0064	Peas, Shelled (succulent seeds)	0.05			3	2016	49			
HS 0444	Peppers Chili, dried	4			3	2016	49			
VR 0589	Potato	0.01		(*)	3	2016	49			
PF 0111	Poultry fats	0.01		(*)	3	2016	49			
PM 0110	Poultry meat	0.01		(*)	3	2016	49			
PO 0111	Poultry, Edible offal of	0.01		(*)	3	2016	49			
VA 0388	Shallot	0.04			3	2016	49			
VL 0502	Spinach	15			3	2016	49			
VA 0389	Spring Onion	2			3	2016	49			
VR 0508	Sweet potato	0.01		(*)	3	2016	49			
DV 0448	Tomato, dried	3			3	2016	49			

**292 Pendimethalin**

Main Uses: Herbicide

JMPR: 2016 (T,R)

ADI: 0-0.1 mg/kg bw (2016)

Acute RfD: 1 mg/kg bw (2016)

Residue: Definition of the 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)			3	2016	49			
AM 0660	Almond hulls	7 (dw)			3	2016	49			
VS 0621	Asparagus	0.1			3	2016	49			
AL 0061	Bean fodder	0.3 (dw)			3	2016	49			
VD 0071	Beans (dry)	0.05			3	2016	49			
VP 0061	Beans, except broad bean and soya bean	0.05		(green pods and immature seeds)	3	2016	49			
VL 0054	Brassica leafy vegetables	0.3		Except kale	3	2016	49			
VR 0577	Carrot	0.5			3	2016	49			
VS 0624	Celery	0.09			3	2016	49			
FC 0001	Citrus fruits	0.03			3	2016	49			
MO 0105	Edible offal (mammalian)	0.05			3	2016	49			
PE 0112	Eggs	0.01 (*)			3	2016	49			
VA 0380	Fennel, Bulb	0.05 (*)			3	2016	49			
VA 0381	Garlic	0.05 (*)			3	2016	49			
AS 0162	Hay or fodder (dry) of grasses	2500 (dw)			3	2016	49			
DH 1100	Hops, Dry	0.05			3	2016	49			
VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.5			3	2016	49			
VL 0483	Lettuce, Leaf	4			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.2			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			3	2016	49			
FM 0183	Milk fats	0.8			3	2016	49			
ML 0106	Milks	0.02			3	2016	49			
VA 0385	Onion, Bulb	0.05 (*)			3	2016	49			
VA 0387	Onion, Welsh	0.4			3	2016	49			
VD 0072	Peas (dry)	0.05			3	2016	49			
VP 0063	Peas (pods and succulent=immature seeds)	0.05			3	2016	49			
VP 0064	Peas, Shelled (succulent seeds)	0.05			3	2016	49			
PF 0111	Poultry fats	0.01 (*)			3	2016	49			
PM 0110	Poultry meat	0.01 (*)			3	2016	49			
PO 0111	Poultry, Edible offal of	0.01 (*)			3	2016	49			
VA 0388	Shallot	0.05 (*)			3	2016	49			
VA 0389	Spring Onion	0.4			3	2016	49			
TN 0085	Tree nuts	0.05			3	2016	49			



**293 Pinoxaden**

Main Uses: Herbicide

JMPR: 2016 (T,R)

ADI: 0-0.1 mg/kg bw (2016)

Acute RfD: 0.3 mg/kg bw (2016)

Residue: Definition of the 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.

Definition of the residue (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			3	2016	49			
AS	0640 Barley straw and fodder, Dry	3	(dw)		3	2016	49			
PE	0112 Eggs	0.02	(*)		3	2016	49			
PF	0111 Poultry fats	0.02	(*)		3	2016	49			
PM	0110 Poultry meat	0.02	(*)		3	2016	49			
PO	0111 Poultry, Edible offal of	0.02	(*)		3	2016	49			
GC	0654 Wheat	0.7			3	2016	49			
AS	0654 Wheat straw and fodder, Dry	3	(dw)		3	2016	49			

**294 Spiromesifen**

Main Uses: Acaricide and Insecticide

JMPR: 2016 (T,R)

ADI: 0-0.03 mg/kg bw (2016)

Acute RfD: Unnecessary (2016)

Residue: Definition of the 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.

Definition of the residue (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.

Definition of the residue (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.

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	3			3	2016	49			
VL 0054	Brassica leafy vegetables	15			3	2016	49			
VR 0463	Cassava	0.02 (*)			3	2016	49			
SB 0716	Coffee beans	0.2			3	2016	49			
VP 0526	Common bean (pods and/or immature seeds)	1			3	2016	49			
SO 0691	Cotton seed	0.7			3	2016	49			
VC 0424	Cucumber	0.15			3	2016	49			
MO 0105	Edible offal (mammalian)	0.3			3	2016	49			
VO 0440	Egg plant	0.7			3	2016	49			
PE 0112	Eggs	0.02			3	2016	49			
VC 0045	Fruiting vegetables, Cucurbits	0.09		Except melon and cucumber	3	2016	49			
VL 0053	Leafy vegetables	15			3	2016	49			
FB 2009	Low growing berries	3			3	2016	49			
GC 0645	Maize	0.02 (*)			3	2016	49			
AS 0645	Maize fodder (dry)	6			3	2016	49			
MF 0100	Mammalian fats (except milk fats)	0.15			3	2016	49			
MM 0095	Meat (from mammals other than marine mammals)	0.15	F		3	2016	49			
VC 0046	Melons, except watermelon	0.3			3	2016	49			
ML 0106	Milks	0.015			3	2016	49			
VO 0442	Okra	0.5			3	2016	49			
VO 0443	Pepino	0.5			3	2016	49			
VO 0051	Peppers	0.5			3	2016	49			
HS 0444	Peppers Chili, dried	5			3	2016	49			
GC 0656	Popcorn	0.02 (*)			3	2016	49			
VR 0589	Potato	0.02 (*)			3	2016	49			
PF 0111	Poultry fats	0.02			3	2016	49			
PM 0110	Poultry meat	0.02			3	2016	49			
PO 0111	Poultry, Edible offal of	0.05			3	2016	49			
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			3	2016	49			

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Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0508	Sweet potato	0.02 (*)			3	2016	49			
DT 1114	Tea, Green, Black (black, fermented and dried)	70			3	2016	49			
VO 0448	Tomato	0.7			3	2016	49			
VW 0448	Tomato paste	2			3	2016	49			
DV 0448	Tomato, dried	4			3	2016	49			

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**PART 2**

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

**(AT VARIOUS STEPS OF THE CODEX PROCEDURE)**

## Part 2 - 1

**1 Aldrin and Dieldrin**

Main Uses: Insecticide

JMPR: 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	

## Part 2 - 2

**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

## Part 2 - 3

## 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	

## Part 2 - 4

**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	



## Part 2 - 5

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

## Part 2 - 6

**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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO	0697 Peanut	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	
TN	0085 Tree nuts	0.01	(*) Po	To apply to commodity at point of retail sale or when offered for consumption	CXL		31		1999	
TN	0085 Tree nuts	10	Po	To apply at point of entry into a country and, in case of cereal for milling, if product has been freely exposed to air for a period of at least 24 h after fumigation and before	CXL		31		1999	

**114 Guazatine**

Main Uses: Fungicide

JMPR: 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	