

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda item 6.1

CX/PR 25/56/5

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ORIGINAL LANGUAGE ONLY

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

Fifty-sixth Session

Santiago, Chile

8-13 September 2025

MAXIMUM RESIDUE LIMITS FOR PESTICIDES IN FOODS AND FEEDS AT STEPS 7 AND 4

COMPOUNDS FOR ARISING FROM THE JMPR REGULAR MEETING HELD IN 2024 FOR CONSIDERATION BY CCPR56

The list of JMPR evaluations (Residues/Toxicology) can be found in Annex 2 of JMPR reports: Index of reports and evaluations of pesticides by JMPR. The report of the JMPR meeting held in 2024 is available from the [FAO](http://www.fao.org) and [WHO](http://www.who.int) websites.

Agenda Item 6

MRLs at Step 4 and 7 of the Step Procedure

Additional/New/Other evaluations (other than periodic reviews and new compounds)

015	Chlormequat (R)	203	Spinosad (R)
041	Fosetyl aluminum (R)	217	Novaluron (R)
102	Maleic hydrazide (T,R)	228	Acibenzolar-S-methyl (R)
146	Lambda-cyhalothrin (T)	229	Azoxystrobin (T,R)
147	Methoprene (R)	239	Cyproconazole (T,R)
160	Propiconazole (R)	242	Flubendiamide (R)
173	Buprofezin (R)	246	Acetamiprid (R)
176	Hexythiazox (R)	285	Flupyradifurone (R)
184	Etofenprox (R)	301	Phosphonic acid (R)
189	Tebuconazole (R)	309	Pydiflumetofen (T,R)
193	Fenpyroximate (R)	324	Tetraniliprole (R)
196	Tebufenozide (R)	341	Florpyrauxifen-benzyl (T,R)
202	Fipronil (R)		

Periodic review of compounds

017	Chlorpyrifos (T,R)
035	Ethoxyquin (T,R)
041	Folpet (T,R)
103	Phosmet (T,R)
120	Permethrin (T)
142	Prochloraz (R)

New compounds

306	Fluazinam (T)
333	Acynonapyr (T,R)
338	Carfentrazone-ethyl (T,R)
339	Cyclobutrifluram (T,R)
340	Fenpropidin (T,R)
342	Fluoxapiprolin (T,R)

MRLs RETAINED AT 7

138	Metalaxyl
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MRLs RETAINED AT 4

027	Dimethoate
052	Methyl Bromide
055	Omethoate
111	Iprodione
114	Guazatine
138	Metalaxyl
145	Carbosulfan
160	Propiconazole
202	Fipronil
248	Futriafol
263	Cyantraniliprole

Commodity codes for Class B – food commodities of animal origin

CCPR54 (2023) finalised the revision of Class B, which was adopted by CAC46 (2023). The revised codes have been implemented by JMPR (2024) for consideration by CCPR56 (2025).

Following the revision of Class B and the collaborative work between CCPR and the Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF) on the harmonisation of terms for animal tissues to facilitate the establishment of single MRLs for dual-use compounds, the term “muscle” is now used instead of “meat” and several codes in the revised Class B remains the same. At the same time, the food descriptors have changed, and such changes are now reflected in the database regardless of whether the associated MRLs have been reviewed by the 2024 JMPR, in particular for the following commodities:

Revised Classification		Old Classification
Class B: Food commodities of animal origin		
PE 0112	Group of Eggs	Eggs
PF 0111	Group of Avian fats	Poultry fats
PM 0110	Group of Avian muscle	Poultry meat
PO 0111	Group of Avian, edible offal of	Poultry, edible offal of
MF 0100	Group of Mammalian fats (except milk fats)	Mammalian fats (except milk fats)
ML 0106	Group of Milks	Milks
MM 0095	Group of Muscle (from mammals other than marine mammals)	Meat (from mammals other than marine mammals)
MO 0105	Group of Edible offal (mammalian)	Edible offal (mammalian)
FM 0106	Group of Milk fats (includes all milk fats in this group)	---
FM 0183	Milk fats (from milk of Buffalo, Camel, Cattle, Goat or Sheep)	Milk fats

The following information is also provided:

Explanatory Notes

Table 1	List of pesticides whose MRLs (CXLs) have been deleted by the Codex Alimentarius Commission and for which no MRLs have been proposed
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Indices of Pesticides

Part I	List of maximum residue limits for pesticides in food and feed (at various Steps of the Codex Procedure)
Part II	List of extraneous maximum residue limits for pesticides in food and animal feeds (at various Steps of the Codex Procedure)

EXPLANATORY NOTES

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

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

2. QUALIFICATION OF MRLs

(*)	(following MRLs)	: At or about the limit of quantification.
(dw)	(following MRLs)	: Dry weight
E	(following MRLs)	: The MRL based on extraneous residues.
EMRL	(as heading)	: Extraneous Maximum Residue Limit.
F	(following MRLs for milk)	: The residue is fat soluble and MRLs for milk and milk products are derived as explained in the introductions to Volume 2 of the <i>Codex Alimentarius</i> . 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.
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* (CXA 4-1989).
- (2) : Year in which limit was first estimated. Note that it is not necessarily the year when the (T) MRL was first recommended, because the limit may have been recorded originally as a Guideline Level and converted to a (T) MRL when a (T) ADI was estimated.
- (3) : Year(s) of subsequent review(s) (of new or original data or both) unless the review resulted in a revised estimate.

- (4) : No of Session of CCPR at which recommendation was discussed.The document numbers of the relevant reports are listed below.
- (5) : No of paragraph in CCPR report.

5. JMPR EVALUATIONS

T : Toxicological Evaluation

R : Residue Evaluation

only year : Both toxicological and residue evaluations

after year : Periodic Review

brackets : Tentative year for JMPR evaluation

6. Reports of CCPR Sessions

Session No.	Year	Document Reference No.	Session No.	Year	Document Reference No.
1	1966	ALINORM 66/24	29	1997	ALINORM 97/24A
2	1967	ALINORM 68/24	30	1998	ALINORM 99/24
3	1968	ALINORM 69/24	31	1999	ALINORM 99/24A
4	1969	ALINORM 70/24	32	2000	ALINORM 01/24
5	1970	ALINORM 71/24	33	2001	ALINORM 01/24A
6	1972	ALINORM 72/24A	34	2002	ALINORM 03/24
7	1974	ALINORM 74/24	35	2003	ALINORM 03/26A
8	1975	ALINORM 76/24	36	2004	ALINORM 04/27/24
9	1977	ALINORM 78/24	37	2005	ALINORM 05/28/24
10	1978	ALINORM 79/24	38	2006	ALINORM 06/29/24
11	1979	ALINORM 79/24A	39	2007	ALINORM 07/30/24
12	1980	ALINORM 81/24	40	2008	ALINORM 08/31/24
13	1981	ALINORM 83/24	41	2009	ALINORM 09/32/24
14	1982	ALINORM 83/24A	42	2010	ALINORM 10/33/24
15	1983	ALINORM 85/24	43	2011	REP11/PR43
16	1984	ALINORM 85/24A	44	2012	REP12/PR44
17	1985	ALINORM 85/24B	45	2013	REP13/PR45
18	1986	ALINORM 87/24	46	2014	REP14/PR46
19	1987	ALINORM 87/24A	47	2015	REP15/PR47
20	1988	ALINORM 89/24	48	2016	REP16/PR48
21	1989	ALINORM 89/24A	49	2017	REP17/PR49
22	1990	ALINORM 91/24	50	2018	REP18/PR50
23	1991	ALINORM 91/24A	51	2019	REP19/PR51
24	1992	ALINORM 93/24	52	2021	REP21/PR52
25	1993	ALINORM 93/24A	53	2022	REP22/PR53
26	1994	ALINORM 95/24	54	2023	REP23/PR54
27	1995	ALINORM 95/24A	55	2024	REP24/PR55
28	1996	ALINORM 97/24			

7. 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)	CAPTAFL (6)	DELTAMETHRIN (135)
ACEPHATE (95)	CAPTAN (7)	DEMETON (92)
ACETAMIPRID (246)	CARBARYL (8)	DEMETON-S-METHYL (73)
ACETOCHLOR (280)	CARBENDAZIM (72)	DEMETON-S-METHYLSULPHON (164)
ACIBENZOLAR-S-METHYL (288)	CARBOFURAN (96)	DIALIFOS (98)
ACYNONAPYR (333)	CARBON DISULPHIDE (9)	DIAZINON (22)
AFIDOPYROPEN (312)	CARBON TETRACHLORIDE (10)	1,2-DIBROMOETHANE (23)
ALDICARB (117)	CARBOPHENOTHION (11)	DICAMBA (240)
ALDRIN AND DIELDRIN (1)	CARBOSULFAN (145)	DICHLORFLUANID (82)
AMETOCTRADIN (260)	CARFENTRAZONE-ETHYL (338)	1,2-DICHLOROETHANE (24)
AMINOCARB (134)	CARTAP (97)	DICHLORBENIL (274)
AMINOCYCLOPYRACHLOR (272)	CHINOMETHIONAT (80)	DICHLORVOS (25)
AMINOMETHYL PHOSPHONIC ACID (AMPA) (198)	CHLORANTRANILIPROLE (230)	DICLORAN (83)
AMINOPYRALID (220)	CHLORDANE (12)	DICOFOL (26)
AMITRAZ (122)	CHLORDIMEFORM (13)	DIFENOCONAZOLE (224)
AMITROLE (79)	CHLORFENAPYR (254)	DIFLUBENZURON (130)
ANILAZINE (163)	CHLORFENVINPHOS (14)	DIMETHENAMID-P (214)
AZINPHOS-ETHYL (68)	CHLORMEQUAT (15)	DIMETHIPIN (151)
AZINPHOS-METHYL (2)	CHLOROBENZILATE (16)	DIMETHOATE (27)
AZOCYCLOTIN (129)	CHLOROTHALONIL (81)	DIMETHOMORPH (225)
AZOXYSTROBIN (229)	CHLORPROPHAM (201)	1,4-DIMETHYLNAPHTHALENE (331)
BENALAXYL (155)	CHLORPYRIFOS (17)	DINOCAP (87)
BENDIOCARB (137)	CHLORPYRIFOS-METHYL (90)	DINOTEFURAN (255)
BENOMYL (69)	CIPRODINIL (207)	DIOXATHION (28)
BENTAZONE (172)	CLETHODIM (187)	DIPHENYL (29)
BENZOVINDIFLUPYR (261)	CLOFENTEZINE (156)	DIPHENYLAMINE (30)
BENZPYRIMOXAN (325)	CLOTHIANIDIN (238)	DIQUAT (31)
BETA CYFLUTHRIN (228)	COUMAPHOS (18)	DISULFOTON (74)
BICYCLOPYRONE (295)	CRUFOMATE (19)	DITHIANON (180)
BIFENAZATE (219)	CYANOFENPHOS (91)	DITHIOCARBAMATES (105)
BIFENTHRIN (178)	CYANTRANILIPROLE (263)	DODINE (84)
BINAPACRYL (3)	CYAZOFAMID (281)	EDIFENPHOS (99)
BIORESMETHRIN (93)	CYCLANILIPROLE (296)	EMAMECTIN BENZOATE (247)
BITERTANOL (144)	CYCLOBUTRIFLURAM (339)	ENDOSULFAN (32)
BIXAFEN (262)	CYCLOXYDIM (179)	ENDRIN (33)
BOSCALID (221)	CYFLUMETOFEN (273)	ESFENVALERATE (204)
BROFLANILIDE (326)	CYFLUTHRIN (157)	ETHEPHON (106)
BROMIDE ION (47)	CYHALOTHRIN (146)	ETHIOFENCARB (107)
BROMOPHOS (4)	CYHEXATIN (67)	ETHION (34)
BROMOPHOS-ETHYL (5)	CYPERMETHRIN (118)	ETHIPROLE (304)
BROMOPROPYLATE (70)	CYPROCONAZOLE (239)	ETHOPROPHOS (149)
BUPROFEZIN (173)	CYPRODINIL (207)	ETHOXYQUIN (35)
BUTOCARBOXIM (139)	CYROMAZINE (169)	ETHYLENE THIOUREA (ETU) (108)
CADUSAFOS (174)	DAMINOZIDE1 (4)	ETOXAZOLE (241)
CAMPHECHLOR (71)	2,4-D (20)	ETRIMFOS (123)
	DDT (21)	

FAMOXADONE (208)	GLYPHOSATE1 (58)	METHIOCARB (132)
FENAMIPHOS (85)	GUAZATINE (114)	METHOMYL (94)
FENAMIDONE (264)	HALOXYFOP (194)	METHOPRENE (147)
FENARIMOL (192)	HEPTACHLOR (43)	METHOXYFENOZIDE (209)
FENAZAQUIN (297)	HEXACHLOROBENZENE (44)	METHYL BROMIDE (52)
FENBUCONAZOLE (197)	HEXACONAZOLE (170)	METIRAM (186)
FENBUTATIN OXIDE (109)	HEXYTHIAZOX (176)	METRAFENONE (278)
FENCHLORPHOS (36*)	HYDROGEN CYANIDE (45)	MEVINPHOS (53)
FENHEXAMID (215)	HYDROGEN PHOSPHIDE (46)	MONOCROTOPHOS (54)
FENITROTHION (37)	IMAZALIL (110)	MYCLOBUTANIL (181)
FENPICOXAMID (305)	IMAZAMOX (276)	NATAMYCIN (300)
FENPROPATHRIN (185)	IMAZAPIC (266)	NITROFEN (140)
FENPROPIDIN (340)	IMAZAPYR (267)	NORFLURAZON (308)
FENPROPIMORPH (188)	IMAZETHAPYR (289)	NOVALURON (217)
FENPYRAZAMINE (298)	IMIDACLOPRIDE (206)	OMETHOATE (55)
FENPYROXIMATE (193)	INDOXACARB (216)	OXAMYL (126)
FENSULFOTHION (38)	INPYRFLUXAM (329)	OXATHIAPIPROLIN (291)
FENTHION (39)	IPRODIONE (111)	OXYDEMETON-METHYL (166)
FENTIN (40)	ISOCYCLOSERAM (334)	PACLOBUTRAZOL (161)
FENVALERATE (119)	ISOFENPHOS (131)	PARAQUAT (57)
FIPRONIL (202)	ISOFETAMID (290)	PARATHION (58)
FLONICAMID (282)	ISOFLUCYPRAM (330)	PARATHION-METHYL (59)
FLORPYRAUXIFEN-BENZYL (341)	ISOPROTHIOLANE (299)	PENCONAZOLE (182)
FLORYLPICOXAMID (332)	ISOPYRAZAM (249)	PENDIMETHALIN (292)
FLUAZIFOP-P-BUTYL (283)	ISOTIANIL (335)	PENTHIOPYRAD (253)
FLUAZAINDOLIZINE (327)	ISOXAFLUTOLE (268)	PERMETHRIN (120)
FLUAZINAM (306)	KRESOXIM-METHYL (199)	PHENOTHRIN (127)
FLUBENDIAMIDE (242)	LEPTOPHOS (88)	PHENTHOATE (128)
FLUCYTHRINATE (152)	LINDANE (48)	2-PHENYLPHENOL (56)
FLUDIOXONIL (211)	LUFENURON (286)	PHORATE (112)
FLUENSULFONE (265)	MALATHION (49)	PHOSALONE (60)
FLUFENOXURON (275)	MALEIC HYDRAZIDE (102)	PHOSMET (103)
FLUINDAPYR (328)	MANCOZEB (50)	PHOSPHAMIDON (61)
FLUMETHRIN (195)	MANDESTROBIN (307)	PHOSPHONIC ACID (301)
FLUMIOXAZIN (284)	MANDIPROPAMID (231)	PHOXIM (141)
FLUOPICOLIDE (235)	MCPA (257)	PICOXYSTROBIN (258)
FLUOPYRAM (243)	MECARBAM (124)	PINOXADEN (293)
FLUOXAPIPROLIN (342)	MEFENTRIFLUCONAZOLE (320)	PIPERONYL BUTOXIDE (62)
FLUPYRADIFURONE (285)	MEPIQUAT CHLORIDE (336)	PIRIMICARB (101)
FLUSILAZOLE (165)	MEPTYLDINOCAP (244)	PIRIMIPHOS-METHYL (86)
FLUTIANIL (319)	MESOTRIONE (277)	PROCHLORAZ (142)
FLUTOLANIL (205)	METAFLUMIZONE (236)	PROCYMIDONE (136)
FLUTRIAFOL (248)	METALAXYL (138)	PROFENOFOS (171)
FLUXAPYROXAD (256)	METALAXYL-M (212)	PROPAMOCARB (148)
FOLPET (41)	METCONAZOLE (313)	PROPARGITE (113)
FORMOTHION (42)	METHACRIFOS (125)	PROPHAM (183)
FOSETYL AL (302)	METHAMIDOPHOS (100)	PROPICONAZOLE (160)
GLUFOSINATE-AMMONIUM (175)	METHIDATHION (51)	PROPOXUR (75)

PROPYLENE OXIDE (250)	TRIADIMENOL (168)
PROPYLENE THIIOUREA (PTU) (150)	TRIAZOPHOS (143)
PROTHIOCONAZOLE (232)	TRICHLORFON (66)
PYDIFLUMETOFEN (309)	TRICYCLAZOLE (337)
PYFLUBUMIDE (314)	TRIFLOXYSTROBIN (213)
PYMETROZINE (279)	TRIFLUMEZOPYRIM (303)
PYRACLOSTROBIN (210)	TRIFLUMIZOLE (270)
PYRASULFOTOLE (321)	TRIFLUMURON (317)
PYRAZOPHOS (153)	TRIFORINE (116)
PYRAZIFLUMID (322)	TRINEXAPAC-ETHYL (271)
PYRETHRINS (63)	VALIFENALATE (318)
PYRIDATE (315)	VAMIDOTHION (78)
PYRIFLUQUINAZON (316)	VINCLOZOLIN (159)
PYRIMETHANIL (226)	ZOXAMIDE (227)
PYRIOFENONE (310)	
PYRIPROXYFEN (200)	
QUINCLORAC (287)	
QUINOXYFEN (222)	
QUINTOZENE (64)	
SAFLUFENACIL (251)	
SEC-BUTYLAMINE (89)	
SEDAXANE (259)	
SPINETORAM (233)	
SPINOZAD (203)	
SPIRODICLOFEN (237)	
SPIROMESIFEN (294)	
SPIROPIDION (323)	
SPIROTETRAMATE (234)	
SULFOXAFLOL (252)	
SULFURYL FLUORIDE (218)	
2,4,5-T (121)	
TEBUCONAZOLE (189)	
TEBUFENOZIDE (196)	
TECNAZENE (115)	
TEFLUBENZURON (190)	
TERBUFOS (167)	
TETRANILIPROLE (324)	
THIABENDAZOLE (65)	
THIACLOPRID (223)	
THIAMETHOXAM (245)	
THIODICARB (154)	
THIOMETON (76)	
THIOPHANATE-METHYL (77)	
TIOXAZAFEN (311)	
TOLCLOFOS-METHYL (191)	
TOLFENPYRAD (269)	
TOLYLFLUANID (162)	
TRIADIMEFON (133)	

INDEX OF PESTICIDES IN CODE ORDER

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

139	BUTOCARBOXIM	186	METIRAM	233	SPINETORAM
140	NITROFEN	187	CLETHODIM	234	SPIROTETRAMATE
141	PHOXIM	188	FENPROPIMORPH	235	FLUOPICOLIDE
142	PROCHLORAZ	189	TEBUCONAZOLE	236	METAFLUMIZONE
143	TRIAZOPHOS	190	TEFLUBENZURON	237	SPIRODICLOFEN
144	BITERTANOL	191	TOLCLOFOS-METHYL	238	CLOTHIANIDIN
145	CARBOSULFAN	192	FENARIMOL	239	CYPROCONAZOLE
146	CYHALOTHRIN	193	FENPYROXIMATE	240	DICAMBA
147	METHOPRENE	194	HALOXYFOP	241	ETOXAZOLE
148	PROPAMOCARB	195	FLUMETHRIN	242	FLUBENDIAMIDE
149	ETHOPROPHOS	196	TEBUFENOZIDE	243	FLUOPYRAM
150	PROPYLENE THIOUREA (PTU)	197	FENBUCONAZOLE	244	MEPTYLDINOCAP
151	DIMETHIPIN	198	AMINOMETHYL PHOPHONIC ACID (AMPA)	245	THIAMETHOXAM
152	FLUCYTHRINATE	199	KRESOXIM-METHYL	246	ACETAMIPRID
153	PYRAZOPHOS	200	PYRIPROXYFEN	247	EMAMECTIN BENZOATE
154	THIODICARB	201	CHLORPROPHAM	248	FLUTRIAFOL
155	BENALAXYL	202	FIPRONIL	249	ISOPYRAZAM
156	CLOFENTEZINE	203	SPINOZAD	250	PROPYLENE OXIDE
157	CYFLUTHRIN	204	ESFENVALERATE	251	SAFLUFENACIL
158	GLYPHOSATE	205	FLUTOLANIL	252	SULFOXAFLOX
159	VINCLOZOLIN	206	IMIDACLOPRID	253	PENTHIOPYRAD
160	PROPICONAZOLE	207	CYPRODINIL	254	CHLORFENAPYR
161	PACLOBUTRAZOL	208	FAMOXADONE	255	DINOTEFURAN
162	TOLYLFLUANID	209	METHOXYFENOZIDE	256	FLUXAPYROXAD
163	ANILAZINE	210	PYRACLOSTROBIN	257	MCPA
164	DEMETON-S- METHYLSULPHON	211	FLUDIOXONIL	258	PICOXYSTROBIN
165	FLUSILAZOLE	212	METALAXYL-M	259	SEDAXANE
166	OXYDEMOTON-METHYL	213	TRIFLOXYSTROBIN	260	AMETOCTRADIN
167	TERBUFOS	214	DIMETHENAMID-P	261	BENZOVINDIFLUPYR
168	TRIADIMENOL	215	FENHEXAMID	262	BIXAFEN
169	CYROMAZINE	216	INDOXACARB	263	CYANTRANILIPROLE
170	HEXACONAZOLE	217	NOVALURON	264	FENAMIDONE
171	PROFENOFOS	218	SULFURYL FLUORIDE	265	FLUENSULFONE
172	BENTAZONE	219	BIFENAZATE	266	IMAZAPIC
173	BUPROFEZIN	220	AMINOPYRALID	267	IMAZAPYR
174	CADUSAFOS	221	BOSCALID	268	ISOXAFLUTOLE
175	GLUFOSINATE-AMMONIUM	222	QUINOXYFEN	269	TOLFENPYRAD
176	HEXYTHIAZOX	223	THIACLOPRID	270	TRIFLUMIZOLE
177	ABAMECTIN	224	DIFENOCONAZOLE	271	TRINEXAPAC-ETHYL
178	BIFENTHRIN	225	DIMETHOMORPH	272	AMINOCYCLOPYRACHLOR
179	CYCLOXYDIM	226	PYRIMETHANIL	273	CYFLUMETOFEN
180	DITHIANON	227	ZOXAMIDE	274	DICHOLOBENIL
181	MYCLOBUTANIL	228	BETA CYFLUTHRIN	275	FLUFENOXYURON
182	PENCONAZOLE	229	AZOXYSTROBIN	276	IMAZAMOX
183	PROPHAM	230	CHLORANTRANILIPROLE	277	MESOTRIONE
184	ETOFENPROX	231	MANDIPROPAMID	278	METRAFENONE
185	FENPROPATHRIN	232	PROTHIOCONAZOLE	279	PYMETROZINE
				280	ACETOCHLOR

281	CYAZOFAMID	329	INPYRFLUXAM
282	FLONICAMID	330	ISOFLUCYPRAM
283	FLUAZIFOP-P-BUTYL	331	1,4-DIMETHYLNAPHTHALENE
284	FLUMIOXAZIN	332	FLORYLPICOXAMID
285	FLUPYRADIFURONE	333	ACYNONAPYR
286	LUFENURON	334	ISOCYCLOSERAM
287	QUINCLORAC	335	ISOTIANIL
288	ACIBENZOLAR-S-METHYL	336	MEPIQUAT CHLORIDE
289	IMAZETHAPYR	337	TRICYCLAZOLE
290	ISOFETAMID	338	CARFENTRAZONE-ETHYL
291	OXATHIAPIPROLIN	339	CYCLOBUTRIFLURAM
292	PENDIMETHALIN	340	FENPROPIDIN
293	PINOXADEN	341	FLORPYRAUXIFEN-BENZYL
294	SPIROMESIFEN	342	FLUOXAPIPROLIN
295	BICYCLOPYRONE		
296	CYCLANILIPROLE		
297	FENAZAQUIN		
298	FENPYRAZAMINE		
299	ISOPROTHIOLANE		
300	NATAMYCIN		
301	PHOSPHONIC ACID (301)		
302	FOSETYL AL (302)*		
303	TRIFLUMEZOPYRIM		
304	ETHIPROLE		
305	FENPICOXAMID		
306	FLUAZINAM		
307	MANDESTROBIN		
308	NORFLURAZON		
309	PYDIFLUMETOFEN		
310	PYRIOFENONE		
311	TIOXAZAFEN		
312	AFIDOPYROPEN		
313	METCONAZOLE		
314	PYFLUBUMIDE		
315	PYRIDATE		
316	PYRIFLUQUINAZON		
317	TRIFLUMURON		
318	VALIFENALATE		
319	FLUTIANIL (319)		
320	MEFENTRIFLUCONAZOLE		
321	PYRASULFOTOLE		
322	PYRAZIFLUMID		
323	SPIROPIDION		
324	TETTRANILIPROLE		
325	BENZPYRIMOXAN		
326	BROFLANILIDE		
327	FLUAZAINDOLIZINE		
328	FLUINDAPYR		

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

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
3	Binapacryl	1987	
4	Bromophos	1991	
5	Bromophos-Ethyl	1991	
6	Captafol	1987	
9	Carbon Disulphide	1991	
10	Carbon Tetrachloride	1991	
11	Carbophenothion	1993	
13	Chlordimeform	1988	
14	Chlorfenvinphos	1999	
16	Chlorobenzilate	1993	
18	Coumaphos	1993	
19	Crufomate	1991	
22	Diazinon	2023	
23	1,2-Dibromoethane	1991	
24	1,2-Dichloroethane	1991	
28	Dioxathion	1991	
29	Diphenyl	1993	
36	Fenchlorphos	1991	
38	Fensulfothion	1995	
40	Fentin	2007	
42	Formothion	1995	
44	Hexachlorobenzene	1986	
45	Hydrogen Cyanide	1995	
47	Bromide Ion	2021	
50	Mancozeb		See Dithiocarbamates
51	Methidathion	2023	
53	Mevinphos	2009	
54	Monocrotophos	1997	
58	Parathion	2003	
61	Phosphamidon	2003	
66	Trichlorfon	1997	

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
68	Azinphos-Ethyl	1987	
69	Benomyl	2003	See Carbendazim
70	Bromopropylate	2021	
71	Camphechlor	1985	
73	Demeton-S-Methyl	1999	See Oxydemeton-Methyl
75	Propoxur	2001	
76	Thiometon	1999	
77	Thiophanate-Methyl	2003	See Carbendazim
78	Vamidotion	2001	
80	Chinomethionat	2001	
82	Dichlofluanid	2016	
83	Dichloran	2021	
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	

Code	Name	Year of Withdrawn by Codex Alimentarius Commission	Notes
137	Bendiocarb	2004	
139	Butocarboxim	1991	
140	Nitrofen	1987	
141	Phoxim	1999	
150	Propylene Thiourea (Ptu)	1997	
152	Flucythrinate	2001	
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
192	Fenarimol	2021	
198	Aminomethyl Phosphonic Acid (Ampa)	2001	

PART I

LIST OF CODEX MAXIMUM RESIDUE LIMITS (CXLs) AND MAXIMUM RESIDUE LIMITS IN THE STEP PROCEDURE FOR PESTICIDES IN FOOD AND FEED

2 Azinphos-Methyl

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2007))

Residue: Azinphos-methyl

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0093	Spices	0.5 (*)			CXL		37		2005	

7 Captan

Main Uses: Fungicide

JMPR:

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

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

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

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN	0660	Almonds	0.3			CXL	2000	34		2003	
FB	0020	Blueberries	20			CXL	1994,2000	37	28,31,32,34-39	2005	
FS	0013	Cherries (subgroup)	25			CXL	1994,2000	40	28,31,32,34-39	2008	
VC	0424	Cucumber	3			CXL	2000	37	34-36	2005	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	50			CXL	1997,2000	40	28,31,32,34-39	2008	
FB	0269	Grapes	25			CXL	1997,2000	40	28,31,32,34-39	2008	
VC	0046	Melons (except watermelon)	10			CXL	2000	40	34-39	2008	
FS	0245	Nectarine	3			CXL	1994,2000	37	28,31,32,34-36	2005	
FS	0247	Peach	20			CXL	2000	40	34-39	2008	
FS	0014	Plums (including fresh prunes) (subgroup)	10			CXL	2000	40	28,31,32,34-39	2008	
FP	0009	Pome fruits (group)	15	Po		CXL	2000	40	34-39	2008	
VR	0589	Potato	0.05			CXL	2000	34		2003	
FB	0272	Raspberries, red, black	20			CXL	2000	37	34-36	2005	
HS	0193	Spices, roots and rhizomes	0.05			CXL		43		2011	
FB	0275	Strawberry	15			CXL	1994	28		2008	
VO	0448	Tomato	5			CXL	2000	40	28,31,32,34-39	2008	

8 Carbaryl

Main Uses: Insecticide

JMPR:

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	50			CXL	2002	36	35	2004	
VS 0621	Asparagus	15			CXL	2002	36	35	2004	
VR 0574	Beetroot	0.1			CXL	2002	36	35	2004	
VR 0577	Carrot	0.5			CXL	2002	36	35	2004	
FC 0001	Citrus fruits (group)	15			CXL	2002	45	35-41	2013	
FB 0265	Cranberry	5			CXL	2007	40		2008	
VO 0440	Eggplant	1			CXL	2002	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	3			CXL	2002	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1			CXL	2002	36	35	2004	
GC 0645	Maize	0.02	(*)		CXL	2002	36	35	2004	
AS 0645	Maize fodder (dry)	250			CXL	2002	36	35	2004	
OC 0645	Maize oil, crude	0.1			CXL	2002	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL	2002	36	35	2004	
ML 0106	Milks	0.05			CXL	2002	36	35	2004	
OC 0305	Olive oil, virgin	25			CXL	2002	36	35	2004	
VO 0444	Peppers chili	0.5			CXL	2007	40		2008	
HS 0444	Peppers chili, dried	2			CXL	2007	40		2008	
VO 0445	Peppers, sweet (including pimento or pimienta)	5			CXL	2002	36	35	2004	
CM 1206	Rice bran, unprocessed	170			CXL	2002	36	35	2004	
CM 1207	Rice hulls	50			CXL	2002	36	35	2004	
AS 0649	Rice, hay and/or straw	120			CXL	2002	36	35	2004	
CM 1205	Rice, polished	1			CXL	2002	36	35	2004	
AF 1053	Sorghum forage (dry)	50			CXL	2002	36	35	2004	
VD 0541	Soya bean (dry)	0.2			CXL	2002	35		2003	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB 0541	Soya bean hulls	0.3			CXL	2002	36	35	2004	
OC 0541	Soya bean oil, crude	0.2			CXL	2002	36	35	2004	
AL 0541	Soya bean, hay and/or straw	15			CXL	2002	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	2002	36	35	2004	
OC 0702	Sunflower seed oil, crude	0.05			CXL	2002	36	35	2004	
VO 0447	Sweet corn (corn-on-the-cob)	0.1			CXL	2002	36	35	2004	
AB 0447	Sweet corn cannery waste	7.4			CXL	2002	36	35	2004	
VR 0508	Sweet potato	0.02	(*)		CXL	2002	36	35	2004	
FT 0305	Table olives	30			CXL	2002	36	35	2004	
VO 0448	Tomato	5			CXL	2002	36	35	2004	
JF 0448	Tomato juice	3			CXL	2002	36	35	2004	
VW 0448	Tomato paste	10			CXL	2002	36	35	2004	
TN 0085	Tree nuts (group)	1			CXL	2002	36	35	2004	
VR 0506	Turnip, Garden	1			CXL	2002	36	35	2004	
GC 0654	Wheat	2			CXL	2002	36	35	2004	
CM 0654	Wheat bran, unprocessed	2			CXL	2002	36	35	2004	
CF 1211	Wheat flour	0.2			CXL	2002	36	35	2004	
CF 1210	Wheat germ	1			CXL	2002	36	35	2004	
AS 0654	Wheat, hay and/or straw	30			CXL	2002	36	35	2004	

15 Chlormequat

Main Uses: Plant growth regulator

JMPR:

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

Acute RfD: 0.05 mg/kg bw ((1999))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	2			CXL	2022	54		2023	
GC 0640	Barley	5			3	2024	56			
AS 0640	Barley, hay and/or straw	200	(dw)		CXL	2022	54		2023	
SO 0691	Cotton seed	0.5			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.5			CXL	2022	54		2023	
PE 0112	Eggs	0.2			CXL	2022	54		2023	
FB 0269	Grapes	0.04	(*)		CXL	2017	50		2018	
PF 0111	Group of avian fats	0.04	(*)		3	2024	56			
PM 0110	Group of avian muscle	0.04	(*)		3	2024	56			
PO 0111	Group of avian, edible offal of	0.2			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.5			3	2024	56			
PE 0112	Group of eggs	0.2			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.1			3	2024	56			
ML 0106	Group of milks	0.2			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.2			3	2024	56			
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	2022	54		2023	
ML 0106	Milks	0.2			CXL	2022	54		2023	
AS 0647	Oat straw and fodder, dry	7	(dw)		CXL	2017	50		2018	
GC 0647	Oats	4			CXL	2017	50		2018	
PF 0111	Poultry fats	0.04	(*)		CXL	2022	54		2023	
PM 0110	Poultry meat	0.04	(*)		CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, edible offal of	0.2			CXL	2022	54		2023	
GC 0650	Rye	6			CXL	2017	50		2018	
CM 0650	Rye bran, unprocessed	20			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, dry	20		(dw)	CXL	2017	50		2018	
CF 1251	Rye wholemeal	8			CXL	2017	50		2018	
GC 0653	Triticale	5			CXL	2017	50		2018	
AS 0653	Triticale, hay and/or straw	80		(dw)	CXL	2017	50		2018	
GC 0654	Wheat	4			CXL	2022	54		2023	
CM 0654	Wheat bran, unprocessed	10			CXL	2022	54		2023	
CF 1210	Wheat germ	20			CXL	2022	54		2023	
AS 0654	Wheat, hay and/or straw	200		(dw)	CXL	2022	54		2023	

17 Chlorpyrifos

Main Uses: Insecticide

JMPR:

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
										<p>The JMPR Secretariat informed that chlorpyrifos (17) and chlorpyrifos-methyl (90) were scheduled together for a periodic evaluation by the 2024 JMPR in response to the concern raised by EU but that the available toxicology dossier for chlorpyrifos was incomplete. As public health concern was expressed in the concern form and it was unlikely that data to complete risk assessment would be available, CCPR agreed to revoke all CXLs. It was further agreed to maintain chlorpyrifos on the periodic review schedule for the 2024 JMPR pending confirmation that a full data package would be available for review (53:36-37). The Observer from AGRO-CARE aisbl confirmed its commitment to provide the necessary data for the periodic review of chlorpyrifos (17) (53:219)</p>

20 2,4-D

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2001))

Residue: For compliance with MRLs and for estimation of dietary exposure for plant and animal commodities: Sum of 2,4-D.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0018	Berries and other small fruits	0.1			CXL	1998	34	32	2003	
FC 0001	Citrus fruits (group)	1	Po		CXL	2001	36	34,35	2004	
MO 0105	Edible offal (mammalian)	5			CXL	1998	34	32	2003	
PE 0112	Eggs	0.01	(*)		CXL	1998	32		2001	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	400			CXL	1998	34	32	2003	
GC 0645	Maize	0.05			CXL	1998	32		2001	
AS 0645	Maize fodder (dry)	40			CXL	1998	32		2001	
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	1998	34	32	2003	
ML 0106	Milks	0.01			CXL	1998	34	32	2003	
FP 0009	Pome fruits (group)	0.01	(*)		CXL	1998	34	32	2003	
VR 0589	Potato	0.2			CXL	1998				
PM 0110	Poultry meat	0.05	(*)		CXL	1998	34	32	2003	
PO 0111	Poultry, edible offal of	0.05	(*)		CXL	1998	34	32	2003	
AS 0649	Rice, hay and/or straw	10			CXL	1998	32		2001	
CM 0649	Rice, husked	0.1			CXL	1998	32		2001	
GC 0650	Rye	2			CXL	1998	32		2001	
GC 0651	Sorghum grain	0.01	(*)		CXL	1998	34	32	2003	
VD 0541	Soya bean (dry)	0.01	(*)		CXL	1998	34	32	2003	
AL 0541	Soya bean, hay and/or straw	0.01	(*)		CXL	1998	34	32	2003	
FS 0012	Stone fruits (group)	0.05	(*)		CXL	1998	32		2001	
GS 0659	Sugar cane	0.05			CXL	1998	32		2001	
VO 0447	Sweet corn (corn-on-the-cob)	0.05	(*)		CXL	1998	32		2001	
TN 0085	Tree nuts (group)	0.2			CXL	1998	32		2001	
GC 0654	Wheat	2			CXL	1998	32		2001	
AS 0654	Wheat, hay and/or straw	100			CXL	1998	32		2001	

25 Dichlorvos

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2011))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2012	45		2013	
PE 0112	Eggs	0.01 (*)			CXL	2012	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2012	45		2013	
ML 0106	Milks	0.01 (*)			CXL	2012	45		2013	
PF 0111	Poultry fats	0.01 (*)			CXL	2012	45		2013	
PM 0110	Poultry meat	0.01 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2012	45		2013	
GC 0649	Rice	7			CXL	2012	45		2013	
CM 1206	Rice bran, unprocessed	15 PoP			CXL	2012	45		2013	
CM 0649	Rice, husked	1.5 PoP			CXL	2012	45		2013	
CM 1205	Rice, polished	0.15 PoP			CXL	2012	45		2013	
HS 0093	Spices	0.1 (*)			CXL		37		2005	
GC 0654	Wheat	7 Po			CXL	2012	45		2013	
CM 0654	Wheat bran, unprocessed	15 PoP			CXL	2012	45		2013	
CF 1211	Wheat flour	0.7 PoP			CXL	2012	45		2013	
CF 1212	Wheat wholemeal	3 PoP			CXL	2012	45		2013	

26 Dicofol

Main Uses: Acaricide

JMPR:

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

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0191	Spices, fruits and berries	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	2012	45		2013	

27 Dimethoate

Main Uses: Insecticide

JMPR:

ADI: 0-0.001 mg/kg bw (2019, new)

Acute RfD: 0.02 mg/kg bw (2019)

Residue: For compliance with the MRL for plant and animal commodities: Dimethoate and omethoate (measured and reported separately)

For dietary risk assessment for plant and animal commodities: Sum of dimethoate plus 2.5× omethoate for long-term dietary exposure and the sum of dimethoate plus 10× omethoate for acute dietary exposure.

The residue is not fat-soluble.

Note: JMPR (2019) reaffirmed the ARfD established in 2003. See also omethoate.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	2		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
VB 0402	Brussels sprouts	0.1		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
VD 2065	Dry beans (subgroup)	0.7		Dimethoate(027)/ Omethoate(055). Except soya bean.	CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
PE 0112	Eggs	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.03		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	2		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
ML 0106	Milks	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB 0004	Orange, dried pulp	5		Dimethoate(027)/ Omethoate(055)	4	2022	54,55			CCPR agreed to retain the proposed MRLs for oranges, sweet, sour (including orange-like hybrids) (subgroup) and orange pulp, dried, at Step 4, awaiting further consideration by JMPR (54:82-86). The JMPR Secretariat noted that they received no additional data to review at their last meeting. The data sponsor indicated that toxicological data was available and could be submitted for review by JMPR in 2024. CCPR agreed to retain the proposed MRLs at Step 4 while awaiting the JMPR review (55:88-90) (See oranges, sweet, sour).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	2		Dimethoate(027)/ Omethoate(055)	4	2022	54,55			On the basis of the information provided to JMPR (2022) it was concluded that the estimated acute dietary exposure to residues of dimethoate and omethoate for the consumption of commodities in the subgroup of oranges may present a public health concern. CCPR agreed to retain the proposed MRLs for oranges, sweet, sour (including orange-like hybrids) (subgroup) and orange pulp, dried, at Step 4, awaiting further consideration by JMPR (54:82-86). The JMPR Secretariat noted that they received no additional data to review at their last meeting. The data sponsor indicated that toxicological data was available and could be submitted for review by JMPR in 2024. CCPR agreed to retain the proposed MRLs at Step 4 while awaiting the JMPR review (55:89-90) (See oranges, dried pulp).
PF 0111	Poultry fats	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
PM 0110	Poultry meat	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.001 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
SO 0495	Rape seed	0.15		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
VO 0448	Tomato	0.01 (*)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0654	Wheat	0.06		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
CF 0654	Wheat bran, processed	0.3		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
CF 1210	Wheat germ	0.2		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
AS 0654	Wheat, hay and/or straw	4 (dw)		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	
VP 0544	Yard-long bean (pods)	0.07		Dimethoate(027)/ Omethoate(055)	CXL	2022	54		2023	

30 Diphenylamine

Main Uses: Storage scald preventer

JMPR:

ADI: 0.08 mg/kg bw (1998)

Acute RfD: Unnecessary ((1998))

Residue: Diphenylamine

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	10	Po		CXL	2001	35	34	2003	
JF 0226	Apple juice	0.5	PoP		CXL	2001	35	34	2003	
MO 1280	Cattle kidney	0.01	(*)		CXL	2001	35	34	2003	
MO 1281	Cattle liver	0.05			CXL	2001	35	34	2003	
MM 0812	Cattle meat	0.01	(*) (fat)		CXL	2001	35	34	2003	
FM 0183	Milk fats	0.01			CXL	2008	41		2009	
ML 0106	Milks	0.01	(*)		CXL	2008	41		2009	
FP 0230	Pear	5	Po		CXL	2001	36	34,35	2004	

31 Diquat

Main Uses: Herbicide

JMPR:

ADI: 0–0.006 mg/kg bw (2013)

Acute RfD: 0.8 mg/kg bw ((2013))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.02 (*)			CXL	2013	46		2014	
GC 0640	Barley	5			CXL	2018	51		2019	
AS 0640	Barley, hay and/or straw	40 (dw)			CXL	2018	51		2019	
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	
VD 0524	Chick-pea (dry)	0.9			CXL	2018	51		2019	
FC 0001	Citrus fruits (group)	0.02 (*)			CXL	2013	46		2014	
SB 0716	Coffee beans	0.02 (*)			CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.4			CXL	2018	51		2019	
VD 2066	Dry peas			(subgroup) peas, dry.	0.9	Except chick-	CXL		2018	51 2019
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2013, 2018	51	46	2019	
PE 0112	Eggs	0.01 (*)			CXL	2013, 2018	51	46	2019	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.01 (*)		Except sweetcorn, fungi and mushrooms.	CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2013, 2018	51	46	2019	
ML 0106	Milks	0.001 (*)			CXL	2013, 2018	51	46	2019	
AL 0072	Pea, hay and/or straw	50			CXL	2013	46		2014	
FP 0009	Pome fruits (group)	0.02 (*)			CXL	2013	46		2014	
VR 0589	Potato	0.1			CXL	2013	46		2014	
PF 0111	Poultry fats	0.01 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.01 (*)			CXL	2013, 2018	51	46	2019	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2013, 2018	51	46	2019	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0495	Rape seed	1.5			CXL	2013	46		2014	
GC 0650	Rye	1.5			CXL	2018	51		2019	
AS 0650	Rye straw and fodder, dry	40 (dw)			CXL	2018	51		2019	
AB 0541	Soya bean hulls	1.5			CXL	2018	51		2019	
FS 0012	Stone fruits (group)	0.02 (*)			CXL	2013	46		2014	
FB 0275	Strawberry	0.05 (*)			CXL	2013	46		2014	
SO 0702	Sunflower seed	0.9			CXL	2013	46		2014	
GC 0653	Triticale	1.5			CXL	2018	51		2019	
AS 0653	Triticale, hay and/or straw	40 (dw)			CXL	2018	51		2019	

32 Endosulfan

Main Uses: Acaricide and Insecticide

JMPR:

ADI: 0.006 mg/kg bw (1998)

Acute RfD: 0.02 mg/kg bw ((1998))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.5			CXL	2006	39		2007	
SB 0715	Cacao beans	0.2			CXL	2006	39		2007	
SB 0716	Coffee beans	0.2			CXL	2006	39		2007	
SO 0691	Cotton seed	0.3			CXL	2006	39		2007	
VC 0424	Cucumber	1			CXL	2006	39		2007	
FI 0322	Custard apple	0.5			CXL	2006	39		2007	
VO 0440	Eggplant	0.1			CXL	2006	39		2007	
PE 0112	Eggs	0.03 (*)			CXL	2006	39		2007	
TN 0666	Hazelnuts	0.02 (*)			CXL	2006	39		2007	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03 (*)			CXL	2006	39		2007	
FI 0343	Litchi	2			CXL	2006	39		2007	
MO 0099	Liver of cattle, goats, pigs & sheep	0.1			CXL	2006	39		2007	
GC 0669	Macadamia nuts	0.02 (*)			CXL	2006	39		2007	
FI 0345	Mango	0.5			CXL	2006	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2006	39		2007	
VC 0046	Melons (except watermelon)	2			CXL	2006	39		2007	
FM 0183	Milk fats	0.1			CXL	2006	39		2007	
ML 0106	Milks	0.01			CXL	2006	39		2007	
FI 0350	Papaya	0.5			CXL	2006	39		2007	
FI 0352	Persimmon, American	2			CXL	2006	39		2007	
VR 0589	Potato	0.05 (*)			CXL	2006	39		2007	
PM 0110	Poultry meat	0.03 (*)			CXL	2006	39		2007	
PO 0111	Poultry, edible offal of	0.03 (*)			CXL	2006	39		2007	
VD 0541	Soya bean (dry)	1			CXL	2006	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
OC 0541	Soya bean oil, crude	2			CXL	2006	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	2006	39		2007	
VR 0508	Sweet potato	0.05 (*)			CXL	2006	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:

ADI: 0.002 mg/kg bw (1990)

Acute RfD: 0.02 mg/kg bw ((2021))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Ethion.

The residue is fat-soluble.

Note: The 2021 Extra Meeting noted that JECFA had reviewed ethion in 2017 for veterinary uses 20182) (JECFA, and established an ArfD of 0.02 mg/kg bw, based on the NOAEL of 0.15 mg/kg bw per day for erythrocyte acetylcholinesterase inhibition in a human volunteer study.

The 2021 Extra Meeting noted that JECFA had identified a potential concern for exposures in pregnant women and had recommended that repeat exposures in high-percentile pregnant consumers or a suitable surrogate population should be addressed.

In the absence of any information provided on ethion and noting that the evaluation procedures used by JECFA and JMPR to establish HBGVs are very similar, the Meeting proposed that the JECFA 2017 conclusions on dietary exposures are used pending a periodic review of ethion by JMPR.

A toxicological addendum was not prepared.

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

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

ARfD: 0.5 mg/kg bw (2005)

Residue: Ethoxyquin

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

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

37 Fenitrothion

Main Uses: Insecticide

JMPR:

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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	0.5			CXL	2004	40	37-39	2008	
GC 0080	Cereal grains (group)	6	Po		CXL	2007	40	37-39	2008	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2004,2007	40	37-39	2008	
PE 0112	Eggs	0.05 (*)			CXL	2004,2007	40	37-39	2008	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2004,2007	40	37-39	2008	
ML 0106	Milks	0.01			CXL	2004,2007	40	37-39	2008	
PM 0110	Poultry meat	0.05 (*)			CXL	2004,2007	40	37-39	2008	
CM 1206	Rice bran, unprocessed	40	PoP		CXL	2007	40	37-39	2008	
VD 0541	Soya bean (dry)	0.01			CXL	2007	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	2007	40	36-39	2008	

39 Fenthion

Main Uses: Insecticide

JMPR:

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 (subgroup)	2			CXL	1995	29		1997	see Citrus fruits.
FC 0001	Citrus fruits (group)	2			CXL					The Committee noted the CXL was based on European GAPs which no longer existed. The Committee agreed to retain the CXL, awaiting the outcome of the periodic review by JMPR scheduled in 2017. (42-29,30)
OC 0305	Olive oil, virgin	1			CXL					see Citrus fruits.
CM 0649	Rice, husked	0.05			CXL	1995	29		1997	see Citrus fruits.
FT 0305	Table olives	1			CXL	1995	29		1997	see Citrus fruits.

41 Folpet

Main Uses: Fungicide

JMPR:

ADI: 0-0.1 mg/kg bw also applies to phthalamic acid expressed as folpet (2024)

Acute RfD: Unnecessary ((2024))

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

Definition of the residue for folpet dietary risk assessment for plant and animal commodities: Sum of folpet and phthalamic acid, expressed as folpet.

Definition of the residue for phthalic acid dietary risk assessment for plant and animal commodities: Phthalic acid.

The residue is not fat-soluble.

Note: Phthalic acid ADI: 0-0.1 mg/kg bw (2024)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	10			CXL	1997,1999	38	33-37	2006	
FI 0327	Banana	2			3	2024	56			
GC 0640	Barley	1.5			3	2024	56			
AS 0640	Barley, hay and/or straw	40	(dw)		3	2024	56			
VC 0424	Cucumber	1			CXL	1999	35	28,33,34	2003	
AB 0269	Grape pomace, dried	20	(dw)		3	2024	56			
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	40			CXL	1997,1999	38	28,33-37	2006	
FB 0269	Grapes	10			CXL	1997,1999	38	33-37	2006	
PF 0111	Group of avian fats	0.01	(*)		3	2024	56			
PM 0110	Group of avian muscle	0.01	(*)		3	2024	56			
PO 0111	Group of avian, edible offal of	0.01	(*)		3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.01	(*)		3	2024	56			
PE 0112	Group of eggs	0.01	(*)		3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.01	(*)		3	2024	56			
ML 0106	Group of milks	0.01	(*)		3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01	(*)		3	2024	56			
VL 0482	Lettuce, head	50			CXL	1999	38	33-37	2006	
VC 0046	Melons (except watermelon)	3			CXL	1997,1999	35	33,34	2003	
VA 0385	Onion, bulb	1			CXL	1999	35	33,34	2003	
VR 0589	Potato	0.1			CXL	1999	35	33,34	2003	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 0275	Strawberry	5			CXL	1999	38	28,33-37	2006	
VO 0448	Tomato	3			CXL	1997,1999	38	33-37	2006	
GC 0654	Wheat	0.04			3	2024	56			
AS 0654	Wheat, hay and/or straw	40	(dw)		3	2024	56			
FB 1236	Wine-grapes	15			3	2024	56			

46 Hydrogen Phosphide

Main Uses: Fumigant

JMPR:

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 (group)	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 (group)	0.01	Po		CXL					

49 Malathion

Main Uses: Insecticide

JMPR:

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

Acute RfD: 2 mg/kg bw ((2003))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.5			CXL	2004	38	37	2006	
VS 0621	Asparagus	1			CXL	1999	36	33-35	2004	
VD 0071	Bean (dry)	2			CXL	1999	34	33	2003	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1			CXL	1999	36	33-35	2004	
FB 0020	Blueberries	10			CXL	1999	36	33-35	2004	
FS 0013	Cherries (subgroup)	3			CXL	2013	46		2014	
FC 0001	Citrus fruits (group)	7			CXL	2004	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	1999	38	33-37	2006	
OC 0691	Cotton seed oil, crude	13			CXL	1999	38	33-37	2006	
OR 0691	Cotton seed oil, edible	13			CXL	1999	38	33-37	2006	
VC 0424	Cucumber	0.2			CXL	1999	36	33-35	2004	
FB 0269	Grapes	5			CXL	2004	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)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0645	Maize	0.05			CXL	1999	38	33-37	2006	
VL 0485	Mustard greens	2			CXL	1999	36	33-35	2004	
VA 0385	Onion, bulb	1			CXL	1999	36	33-35	2004	
VO 0051	Peppers (subgroup)	0.1		MRL provisionally applies to okra, martynia, and roselle.	CXL	1999	34	33	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	1			CXL	2004	38	37	2006	
GC 0651	Sorghum grain	3			CXL	1999	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	1999	34	33	2003	
VA 0389	Spring onion	5			CXL	1999	36	33,35	2004	
FB 0275	Strawberry	1			CXL	1999				
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	1999	36	33-35	2004	
VO 0448	Tomato	0.5			CXL	1999	34	33	2003	
JF 0448	Tomato juice	0.01			CXL	1999	36	33-35	2004	
VL 0506	Turnip greens	5			CXL	1999	36	33-35	2004	
VR 0506	Turnip, Garden	0.2			CXL	1999	34	33	2003	
GC 0654	Wheat	10			CXL	2008	41		2009	
CM 0654	Wheat bran, unprocessed	25			CXL	2008	41		2009	
CF 1211	Wheat flour	0.2			CXL	2000	38	33,35-37	2006	

55 Omethoate

Main Uses: Insecticide

JMPR:

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 CCPR 34:95:AppV and consequently recommended for revocation. CAC27 revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI 0326	Avocado	0.15			CXL	2022	54		2023	
VB 0402	Brussels sprouts	0.03			CXL	2022	54		2023	
VD 2065	Dry beans (subgroup)	0.08		Except soya bean.	CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.005			CXL	2022	54		2023	
PE 0112	Eggs	0.001 (*)			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.003			CXL	2022	54		2023	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.02			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.005			CXL	2022	54		2023	
ML 0106	Milks	0.0015			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB 0004	Orange, dried pulp	0.04			4	2022	54,55			CCPR agreed to retain the proposed MRLs for oranges, sweet, sour (including orange-like hybrids) (subgroup) and orange pulp, dried, at Step 4, awaiting further consideration by JMPR (54:82-86). The JMPR Secretariat noted that they received no additional data to review at their last meeting. The data sponsor indicated that toxicological data was available and could be submitted for review by JMPR in 2024. CCPR agreed to retain the proposed MRLs at Step 4 while awaiting the JMPR review (55:88-90) (See oranges, sweet, sour).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.02			4	2022	54,55			On the basis of the information provided to the JMPR it was concluded that the estimated acute dietary exposure to residues of dimethoate and omethoate for the consumption of commodities in the subgroup of oranges may present a public health concern. CCPR agreed to retain the proposed MRLs for oranges, sweet, sour (including orange-like hybrids) (subgroup) and orange pulp, dried, at Step 4, awaiting further consideration by JMPR (54:82-86). The JMPR Secretariat noted that they received no additional data to review at their last meeting. The data sponsor indicated that toxicological data was available and could be submitted for review by JMPR in 2024. CCPR agreed to retain the proposed MRLs at Step 4 while awaiting the JMPR review (55:88-90) (See oranges, dried pulp).
PF 0111	Poultry fats	0.001		(*)	CXL	2022	54		2023	
PM 0110	Poultry meat	0.001		(*)	CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.001		(*)	CXL	2022	54		2023	
SO 0495	Rape seed	0.03			CXL	2022	54		2023	
VO 0448	Tomato	0.01			CXL	2022	54		2023	
GC 0654	Wheat	0.03			CXL	2022	54		2023	
CF 0654	Wheat bran, processed	0.15			CXL	2022	54		2023	
CF 1210	Wheat germ	0.06			CXL	2022	54		2023	
AS 0654	Wheat, hay and/or straw	0.3		(dw)	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP 0544	Yard-long bean (pods)	0.05			CXL	2022	54		2023	

56 2-Phenylphenol

Main Uses: Fungicide

JMPR:

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.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0001	Citrus fruits (group)	10	Po		CXL	1999	33		2001	
AB 0001	Citrus pulp, dried	60	PoP		CXL	1999	34	33	2003	
JF 0004	Orange juice	0.5	PoP		CXL	1999	34	33	2003	
FP 0230	Pear	20	Po		CXL	2002	35		2003	

57 Paraquat

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.006 mg/kg bw ((2009))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.01 (*)			CXL	2004	38	37	2006	
FI 0030	Assorted tropical and sub-tropical fruits - inedible peel	0.01 (*)			CXL	2004	38	37	2006	
FB 0018	Berries and other small fruits	0.01 (*)			CXL	2004	38	37	2006	
FC 0001	Citrus fruits (group)	0.02			CXL	2004	38	37	2006	
SO 0691	Cotton seed	2			CXL	2004	38	37	2006	
MO 0105	Edible offal (mammalian)	0.05			CXL	2004	38	37	2006	
PE 0112	Eggs	0.005 (*)			CXL	2004	38	37	2006	
VC 0045	Fruiting vegetables, cucurbits (group)	0.02			CXL	2004	38	37	2006	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.05			CXL	2004	38	37	2006	
DH 1100	Hops, dry	0.1			CXL	2004	38	37	2006	
VL 0053	Leafy vegetables (group)	0.07			CXL	2004	38	37	2006	
GC 0645	Maize	0.03			CXL	2004	38	37	2006	
CF 1255	Maize flour	0.05			CXL	2004	38	37	2006	
AS 0645	Maize fodder (dry)	10	dry wt		CXL	2004	38	37	2006	
MM 0095	Meat (from mammals other than marine mammals)	0.005			CXL	2004	38	37	2006	
ML 0106	Milks	0.005 (*)			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	0.01 (*)			CXL	2004	38	37	2006	
PM 0110	Poultry meat	0.005 (*)			CXL	2004	38	37	2006	
PO 0111	Poultry, edible offal of	0.005 (*)			CXL	2004	38	37	2006	
VD 0070	Pulses (group)	0.5			CXL	2004	38	37	2006	
GC 0649	Rice	0.05			CXL	2009	42		2010	
AS 0649	Rice, hay and/or straw	0.05			CXL	2009	42		2010	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0075	Root and tuber vegetables (group)	0.05			CXL	2004	38	37	2006	
GC 0651	Sorghum grain	0.03			CXL	2004	38	37	2006	
AS 0651	Sorghum straw and fodder, dry	0.3	dry wt		CXL	2004	38	37	2006	
AL 0541	Soya bean, hay and/or straw	0.5	dry wt		CXL	2004	38	37	2006	
FS 0012	Stone fruits (group)	0.01		(*)	CXL	2004	38	37	2006	
SO 0702	Sunflower seed	2			CXL	2004	38	37	2006	
FT 0305	Table olives	0.1			CXL	2004	38	37	2006	
DT 1114	Tea, green, black (black, fermented and dried)	0.2			CXL	2004	38	37	2006	
TN 0085	Tree nuts (group)	0.05			CXL	2004	38	37	2006	

58 Parathion

Main Uses: Insecticide

JMPR:

ADI: 0.004 mg/kg bw (1995)

Acute RfD: 0.01 mg/kg bw ((1995))

Residue: Parathion

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:

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-methyl.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	0.2			CXL	2000	36	34,35	2004	
VD 0071	Bean (dry)	0.05 (*)			CXL	1994,2000	29	28	1997	
VB 0041	Cabbages, head	0.05			CXL	2000	36	34,35	2004	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1			CXL	2000	36	34,35	2004	
FB 0269	Grapes	0.5			CXL	2000	36	34,35	2004	
FS 0245	Nectarine	0.3			CXL	2003	36		2004	
FS 0247	Peach	0.3			CXL	2000	36	34,35	2004	
VD 0072	Peas (dry)	0.3			CXL	2000	36	34,35	2004	
VR 0589	Potato	0.05 (*)			CXL	1994,2000	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	1994,2000	29	28	1997	

60 Phosalone

Main Uses: Insecticide

JMPR:

ADI: 0.02 mg/kg bw (1997)

Acute RfD: 0.3 mg/kg bw ((2001))

Residue: Phosalone (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0191	Spices, fruits and berries	2			CXL		37		2005	
HS 0193	Spices, roots and rhizomes	3			CXL		37		2005	
HS 0190	Spices, seeds	2			CXL		37		2005	

62 Piperonyl Butoxide

Main Uses: Synergist

JMPR:

ADI: 0.2 mg/kg bw (1995)

Acute RfD: Unnecessary ((2001))

Residue: Piperonyl butoxide (fat-soluble)

Note: Due to insufficient trials or limited data obtained from supervised trials, JMPR (2023) did not make any recommendations for establishing MRLs and for IEDI assessments.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 1280	Cattle kidney	0.3		The MRL accommodates external animal treatment.	CXL	2001,2002	36	34	2004	
MO 1281	Cattle liver	1			CXL	2001	36	34	2004	
MM 0812	Cattle meat	5	(fat)	The MRL accommodates external animal treatment.	CXL	2001,2002	36	34	2004	
ML 0812	Cattle milk	0.2		The MRL accommodates external animal treatment.	CXL	2001,2002	36	34	2004	
GC 0080	Cereal grains (group)	30	Po		CXL	2001,2002	36	34	2004	
FC 0001	Citrus fruits (group)	5			CXL	2001,2002	36	34	2004	
JF 0001	Citrus juice	0.05			CXL	2001	36	34	2004	
DF 0167	Dried fruits	0.2	Po		CXL	2001,2002	36	34	2004	
PE 0112	Eggs	1		The MRL accommodates external animal treatment.	CXL	2001,2002	36	34	2004	
VC 0045	Fruiting vegetables, cucurbits (group)	1			CXL	2001,2002	36	34	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2		Except cattle kidney.	CXL	2002	36		2004	
VL 0483	Lettuce, leaf	50			CXL	2001,2002	36	34	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	1			CXL	2002	36		2004	
OC 0645	Maize oil, crude	80	PoP		CXL	2001,2002	36	34	2004	

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)	2 (fat)		Except cattle meat.	CXL	2002	36		2004	
ML 0106	Milks	0.05 F			CXL		36	34	2004	
VL 0485	Mustard greens	50			CXL	2001,2002	36	34	2004	
AL 0072	Pea, hay and/or straw	200 (dw)			CXL	2001,2002	36	34	2004	
SO 0703	Peanut, whole	1			CXL	2001,2002	36	34	2004	
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2001,2002	36	34	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	20			CXL	2004	38	37	2006	
PM 0110	Poultry meat	7 (fat)		The MRL accommodates external animal treatment.	CXL	2002	36	34	2004	
PO 0111	Poultry, edible offal of	10			CXL	2001,2002	36	34	2004	
VD 0070	Pulses (group)	0.2 Po			CXL	2001,2002	36	34	2004	
VL 0494	Radish leaves (including radish tops)	50			CXL	2001,2002	36	34	2004	
VR 0075	Root and tuber vegetables (group)	0.5		Except carrot.	CXL	2001,2002	36	34	2004	
VL 0502	Spinach	50			CXL	2001,2002	36	34	2004	
VO 0448	Tomato	2			CXL	2001,2002	36	34	2004	
JF 0448	Tomato juice	0.3			CXL	2001,2002	36	34	2004	
CM 0654	Wheat bran, unprocessed	80 PoP			CXL	2002	36	34	2004	
CF 1211	Wheat flour	10 PoP			CXL	2002	36	34	2004	
CF 1210	Wheat germ	90 PoP			CXL	2002	36	34	2004	
CF 1212	Wheat wholemeal	30 PoP			CXL	2001,2002	36	34	2004	

63 Pyrethrins

Main Uses: Insecticide

JMPR:

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: On the basis of the data obtained from supervised trials, JMPR (2023) did not make any recommendations for establishing MRLs and for IEDI assessments. This was due to the fact that no trial matched the GAP and/or insufficient data.

Commodity Code	Name	MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains (group)	0.3	Po			CXL	2003	36		2004	
FC 0001	Citrus fruits (group)	0.05				CXL	2000	34		2003	
DF 0167	Dried fruits	0.2	Po			CXL	2000	35	34	2003	
VC 0045	Fruiting vegetables, cucurbits (group)	0.05	(*)			CXL	2000	34		2003	
AL 0072	Pea, hay and/or straw	1				CXL	2000	34		2003	
SO 0697	Peanut	0.5	Po			CXL	2000	34		2003	
VO 0051	Peppers (subgroup)	0.05	(*)		MRL provisionally applies to okra, martynia, and roselle.	CXL	2000	34,55		2003,2	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle. CCPR agreed to make consequential amendments to the CXLs for the "Peppers (subgroup)" (VO 0051) for pyrethrin (063) and permethrin (120) to provisionally include okra, martynia, and roselle (55:77-82).
HS 0444	Peppers chili, dried	0.5				CXL	2004	38	37	2006	
VD 0070	Pulses (group)	0.1	Po			CXL	2000	35	34	2003	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0075	Root and tuber vegetables (group)	0.05 (*)			CXL	2000	34		2003	
VO 0448	Tomato	0.05 (*)			CXL	2000	34		2003	
TN 0085	Tree nuts (group)	0.5 (*) Po			CXL	2005	38		2006	

64 Quintozene

Main Uses: Fungicide

JMPR:

ADI: 0–0.01 mg/kg bw (2022)

Acute RfD: Unnecessary ((2022))

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

JMPR (2022) was unable to reach a conclusion on the residue definition for dietary risk assessment in plant commodities.

JMPR (2022) was unable to reach a conclusion on the residue definition for compliance with the MRL or dietary risk assessment for animal commodities.

Note: JMPR (2022) reconfirmed the ADI established in 1995 and concluded that it was not necessary to establish an ARfD. CCPR agreed to maintain the CXLs under the 4-year rule, awaiting the JMPR evaluation of the new data (54:91)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
AS 0640	Barley, hay and/or straw	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VB 0400	Broccoli	0.05			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VB 0041	Cabbages, head	0.1			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
PM 0840	Chicken meat	0.1 (*) (fat)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
PO 0840	Chicken, edible offal of	0.1 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VD 0526	Common bean (dry)	0.02			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VP 0526	Common bean (pods and/or immature seeds)	0.1			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
SO 0691	Cotton seed	0.01			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
PE 0112	Eggs	0.03 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
GC 0645	Maize	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
AS 0645	Maize fodder (dry)	0.01			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
AL 0072	Pea, hay and/or straw	0.05			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
SO 0697	Peanut	0.5			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD 0072	Peas (dry)	0.01			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
HS 0444	Peppers chili, dried	0.1			CXL	2004	38	37	2006	Recommended withdrawal by JMPR (2022)
VO 0445	Peppers, sweet (including pimento or pimienta)	0.05 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VD 0541	Soya bean (dry)	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
AL 0541	Soya bean, hay and/or straw	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
HS 0191	Spices, fruits and berries	0.02			CXL		37		2005	Recommended withdrawal by JMPR (2022)
HS 0193	Spices, roots and rhizomes	2			CXL		37		2005	Recommended withdrawal by JMPR (2022)
HS 0190	Spices, seeds	0.1			CXL		37		2005	Recommended withdrawal by JMPR (2022)
VR 0596	Sugar beet	0.01 (*)			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
VO 0448	Tomato	0.02			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
GC 0654	Wheat	0.01			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)
AS 0654	Wheat, hay and/or straw	0.03			CXL	1998	34	32	2003	Recommended withdrawal by JMPR (2022)

65 Thiabendazole

Main Uses: Fungicide

JMPR:

ADI: 0.1 mg/kg bw (1992 by JECFA; confirmed by JECFA in 1997: 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. 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	2000	35	34	2003	
FI 0327	Banana	5	Po		CXL	1997	31		1999	
VP 2060	Beans with pods (subgroup)	0.01	(*)		CXL	2019	52		2021	
MO 1280	Cattle kidney	1			CXL	2000	35	34	2003	
MO 1281	Cattle liver	0.3			CXL	2000	35	34	2003	
MM 0812	Cattle meat	0.1			CXL	1997,2000	32	31	2001	
ML 0812	Cattle milk	0.2			CXL	2000	35	34	2003	
FC 0001	Citrus fruits (group)	7	Po		CXL	2007	45	39,40	2013	
VD 2065	Dry beans (subgroup)	0.01	(*)		CXL	2019	52		2021	
VD 2066	Dry peas(subgroup)	0.01	(*)		CXL	2019	52		2021	
PE 0112	Eggs	0.1			CXL	1997	33		2001	
FI 0345	Mango	7	Po		CXL	2019	52		2021	
VO 0450	Mushrooms	60			CXL	1997	37	31-36	2005	
FI 0350	Papaya	10	Po		CXL	2000	35	34	2003	
VP 2061	Peas with pods (subgroup)	0.01	(*)		CXL	2019	52		2021	
FP 0009	Pome fruits (group)	3	Po		CXL	2000	35	34	2003	
VR 0589	Potato	15	Po		CXL	2000	35	34	2003	
PM 0110	Poultry meat	0.05			CXL	1997	31		1999	
VP 2062	Succulent beans without pods (subgroup)	0.01	(*)		CXL	2019	52		2021	
VP 2063	Succulent peas without pods (subgroup)	0.01	(*)		CXL	2019	52		2021	
VR 0508	Sweet potato	9	Po		CXL	2019	52		2021	
VL 2832	Witloof chicory (sprouts)	0.05	(*)		CXL	1997	31		1999	

67 Cyhexatin

Main Uses: Acaricide

JMPR:

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

Acute RfD: N/A ()

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

Note: CCPR25 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	2005	38		2006	
FB 0021	Currants, black, red, white	0.1			CXL	2005	38		2006	
FB 0269	Grapes	0.3			CXL	2005	38		2006	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.2			CXL	2005	38		2006	
FP 0230	Pear	0.2			CXL	2005	38		2006	
HS 0444	Peppers chili, dried	5			CXL	2004	38	37	2006	

72 Carbendazim

Main Uses: Fungicide

JMPR:

ADI: 0.03 mg/kg bw (1995)

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

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

Note: Note 1: 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. Note 2: JMPR (2023) was asked by CCPR to re-evaluate carbendazim under the periodic review programme. However, insufficient toxicological information was submitted to allow a re-evaluation of this substance to confirm or amend the reference values established in 1995 (ADI) and 2005 (ARfD). On this basis, the WHO Core Assessment Group withdraws the current ADI and ARfD values. Recommendations for maximum residue levels for carbendazim are reported under thiophanate-methyl (77)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	2	B		CXL	1994	33	28,32	2001	
VS 0621	Asparagus	0.2	C		CXL	2003	38	36,37	2006	
FI 0327	Banana	0.2	B		CXL	1998	38	32,34,36,37	2006	
GC 0640	Barley	0.5	C		CXL	1998	38	32,34,36,37	2006	
AS 0640	Barley, hay and/or straw	2	C		CXL	1998	38	32,34,36,37	2006	
VD 0071	Bean (dry)	0.5	Th		CXL	1998	38	32,34,36,37	2006	
FB 0018	Berries and other small fruits	1	B,Th	Except grapes.	CXL	1994	38	28,32-37	2006	
VB 0402	Brussels sprouts	0.5	B		CXL				1991	
VR 0577	Carrot	0.2	B		CXL	1998	38	32,34,36,37	2006	
MM 0812	Cattle meat	0.05 (*)	B		CXL	1998	38	32,34,36,37	2006	
FS 0013	Cherries (subgroup)	10	Th	Based on thiophanatemethyl use.	CXL	2003	40	36-39	2008	
PF 0840	Chicken fat	0.05 (*)	B		CXL	1998	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	2003	38	36,37	2006	
VC 0424	Cucumber	0.05 (*)	b,C		CXL	1998	38	32,34,36,37	2006	
MO 0105	Edible offal (mammalian)	0.05 (*)	B		CXL	1998	38	32,34,36,37	2006	
PE 0112	Eggs	0.05 (*)	B		CXL	1998	38	32,34,36,37	2006	
VP 0529	Garden pea, shelled (succulent seeds)	0.02	Th		CXL	1998	38	32,34,36,37	2006	
VC 0425	Gherkin	0.05 (*)	b,C		CXL	1998	38	32,34,36,37	2006	
FB 0269	Grapes	3	b,Th		CXL	1998	40	32,34,36-39	2008	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0482	Lettuce, head	5	Th		CXL	1994	40	28,32-39	2008	
FI 0345	Mango	5	C	Based on carbendazime use.	CXL	2003	40	36-39	2008	
ML 0106	Milks	0.05 (*)	B		CXL	1998	38	32,34,36,37	2006	
FS 0245	Nectarine	2	B		CXL	1994	33	28,32	2001	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	1	B		CXL	1998	40	32,34,36-39	2008	
FS 0247	Peach	2	B		CXL	1994,1998	33	28,32	2001	
SO 0697	Peanut	0.1 (*)	Th		CXL	2003	38	36,37	2006	
AL 0697	Peanut fodder	3	Th		CXL	2003	38	36,37	2006	
VO 0444	Peppers chili	2	Th		CXL	2003	38	36,37	2006	
HS 0444	Peppers chili, dried	20	C		CXL	2004	38	37	2006	
FI 0353	Pineapple	5	B		CXL	1998	34	32	2003	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5	B		CXL	1994,1998	33	28,32	2001	
FP 0009	Pome fruits (group)	3	B,c,th		CXL	1998	33	28,32	2001	
PM 0110	Poultry meat	0.05 (*)	B		CXL	1998	38	32,34,36,37	2006	
SO 0495	Rape seed	0.05 (*)	C		CXL	1998	38	32,34,36,37	2006	
AS 0649	Rice, hay and/or straw	15	C		CXL	1998	38	32,34,36,37	2006	
CM 0649	Rice, husked	2 (*)	B		CXL	1998	38	32,34,36,37	2006	
GC 0650	Rye	0.1	C,Th		CXL	1994	38	32,34,36,37	2006	
VD 0541	Soya bean (dry)	0.5	Th		CXL	2003	38	36,37	2006	
AL 0541	Soya bean, hay and/or straw	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	
HS 0190	Spices, seeds	5			CXL	2019	52		2021	
VC 0431	Squash, summer	0.5	Th		CXL	2003	38	36,37	2006	
VR 0596	Sugar beet	0.1 (*)	Th		CXL	2003	38	36,37	2006	
VO 0448	Tomato	0.5	b,C		CXL	1998	33	28,32	2001	
TN 0085	Tree nuts (group)	0.1 (*)	B		CXL	1998	32		2001	
GC 0654	Wheat	0.05 (*)	b,Th		CXL	1998	38	32,34,36,37	2006	
AS 0654	Wheat, hay and/or straw	1	B,C		CXL	1998	38	32,34,36,37	2006	

74 Disulfoton

Main Uses: Insecticide

JMPR:

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 sulfoxides and sulphones, expressed as disulfoton.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	5 (dw)			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, hay and/or straw	3			CXL				1995	
VD 0071	Bean (dry)	0.2			CXL	1998	35	28-34	2003	
PE 0840	Chicken eggs	0.02 (*)			CXL		35	28-34	2003	
AL 1031	Clover, hay and/or straw	10			CXL					
SB 0716	Coffee beans	0.2			CXL				1995	
VP 0526	Common bean (pods and/or immature seeds)	0.2			CXL		35	28-33	2003	
SO 0691	Cotton seed	0.1			CXL	1994,1998	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	1998	35	28-34	2003	
AS 0645	Maize fodder (dry)	3			CXL				1995	
ML 0107	Milk of cattle, goats & sheep	0.01			CXL	1994	35	28-34	2003	
AS 0647	Oat straw and fodder, dry	0.05			CXL	1994	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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, hay and/or straw	5			CXL	1994	35	28-34	2003	

77 Thiophanate-Methyl

Main Uses: Fungicide

JMPR:

ADI: 0-0.09 mg/kg bw 2017

Acute RfD: 1 mg/kg bw (2017)

Residue: For compliance with the MRL for plant commodities: Sum of thiophanate-methyl and carbendazim, expressed as thiophanate-methyl.

For compliance with the MRL for animal commodities: Sum of thiophanate-methyl, carbendazim, and sodium 2-(methoxycarbonylamino)-1H-benzimidazol-5-yl (5-OH-MBC) (free and conjugated), expressed as thiophanate-methyl.

For dietary risk assessment for plant and animal commodities: Thiophanate-methyl.

Carbendazim and 5-OH-MBC (free and conjugated) need to be assessed, separately, against the TTC Cramer Class III threshold. The threshold applies to both chronic and acute exposure estimates.

The residue is not fat-soluble

Note: JMPR (2023) reconfirmed the ADI and ARfD established in 2017.

Commodity			MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name										
TN	0660	Almonds	0.15 (*)			CXL	2023	55			

79 Amitrole

Main Uses: Herbicide

JMPR:

ADI: 0.002 mg/kg bw (1997)

Acute RfD: N/A ()

Residue: Amitrole

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 0269	Grapes	0.05			CXL	1998	36	32,34	2004	
FP 0009	Pome fruits (group)	0.05 (*)			CXL	1998	36	32,34	2004	
FS 0012	Stone fruits (group)	0.05 (*)			CXL	1998	36	32,34	2004	

81 Chlorothalonil

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.6 mg/kg bw ((2009))

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

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

The residue is not fat-soluble.

Note: Chlorothalonil Metabolite SDS-3701

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

ARfD: 0.03 mg/kg bw(2009)

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.01 (*)			CXL	2015	48		2016	
FI 0327	Banana	15			CXL	2012	45		2013	
VB 0402	Brussels sprouts	6			CXL	2010	43		2011	
VS 0624	Celery	20			CXL	2010	43		2011	
VL 0464	Chard	50			CXL	2012	45		2013	
FS 0013	Cherries (subgroup)	3			CXL	2015	48		2016	
FB 0265	Cranberry	15			CXL	2019	53	52	2022	
VC 0424	Cucumber	3			CXL	2010	43		2011	
FB 0021	Currants, black, red, white	20			CXL	2010	43		2011	
MO 0105	Edible offal (mammalian)	0.2			CXL	2010	43		2011	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	5			CXL	2010	43		2011	
VC 0425	Gherkin	3			CXL	2010	43		2011	
DV 0604	Ginseng, dried including red ginseng	2			CXL	2015	48		2016	
FB 0268	Gooseberry	20			CXL	2010	43		2011	
FB 0269	Grapes	3			CXL	2010	43		2011	
VR 0583	Horseradish	1			CXL	2015	48		2016	
VA 0384	Leek	40			CXL	2010	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.07			CXL	2010	43		2011	

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)	0.02			CXL	2010	43		2011	
VC 0046	Melons (except watermelon)	2			CXL	2010	43		2011	
ML 0106	Milks	0.07			CXL	2010	43		2011	
VA 0385	Onion, bulb	1.5			CXL	2015	48		2016	
VA 0386	Onion, Chinese	10			CXL	2010	43		2011	
VA 0387	Onion, Welsh	10			CXL	2010	43		2011	
FI 0350	Papaya	20			CXL	2010	43		2011	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	0.1			CXL	2010	43		2011	
VO 0051	Peppers (subgroup)	7		MRL provisionally applies to okra, martynia, and roselle.	CXL	2015	48		2016	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	70			CXL	2015	48		2016	
TN 0675	Pistachio nuts	0.3			CXL	2015	48		2016	
PF 0111	Poultry fats	0.01			CXL	2010	43		2011	
PM 0110	Poultry meat	0.01			CXL	2010	43		2011	
PO 0113	Poultry skin	0.01			CXL	2010	43		2011	
PO 0111	Poultry, edible offal of	0.07			CXL	2010	43		2011	
VD 0070	Pulses (group)	1			CXL	2010	43		2011	
VS 0627	Rhubarb	7			CXL	2015	48		2016	
VR 0075	Root and tuber vegetables (group)	0.3		Except horseradish.	CXL	2015	48		2016	
VA 0388	Shallot	1.5			CXL	2015	48		2016	
VA 0389	Spring onion	10			CXL	2010	43		2011	
VC 0431	Squash, summer	3			CXL	2010	43		2011	
FB 0275	Strawberry	5			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0448	Tomato	5			CXL	2015	48		2016	

84 Dodine

Main Uses: Fungicide

JMPR:

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.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0013	Cherries (subgroup)	3			CXL	2003	37	36	2005	
FS 0245	Nectarine	5			CXL	2003	37	36	2005	
FS 0247	Peach	5			CXL	2003	37	36	2005	
FP 0009	Pome fruits (group)	5			CXL	2003	37	36	2005	

85 Fenamiphos

Main Uses: Insecticide

JMPR:

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 sulfoxide and sulphone, expressed as fenamiphos.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FP 0226	Apple	0.05 (*)			CXL	1999	36	33-35	2004	
FI 0327	Banana	0.05 (*)			CXL	1999	36	33-35	2004	
VB 0402	Brussels sprouts	0.05			CXL	1999	36	33-35	2004	
VB 0041	Cabbages, head	0.05			CXL	1999	36	33-35	2004	
SO 0691	Cotton seed	0.05 (*)			CXL	1999	36	33	2004	
OC 0691	Cotton seed oil, crude	0.05 (*)			CXL	1999	36	33-35	2004	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	1999	36	33-35	2004	
PE 0112	Eggs	0.01 (*)			CXL	1999	36	33-35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	1999	36	33-35	2004	
VC 0046	Melons (except watermelon)	0.05			CXL	2006	39		2007	
ML 0106	Milks	0.005 (*)			CXL	1999	36	33-35	2004	
SO 0697	Peanut	0.05 (*)			CXL	1999	36	33	2004	
OC 0697	Peanut oil, crude	0.05 (*)			CXL	1999	36	33-35	2004	
PM 0110	Poultry meat	0.01 (*)			CXL	1999	36	33,35	2004	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	1999	36	33-35	2004	

86 Pirimiphos-Methyl

Main Uses: Insecticide

JMPR:

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 (group)	7	Po		CXL	2003	37	36	2005	
MO 0105	Edible offal (mammalian)	0.01	(*)		CXL	2004	37		2005	
PE 0112	Eggs	0.01			CXL	2004	37		2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2004	37		2005	
ML 0106	Milks	0.01			CXL	2003	37	36	2005	
PM 0110	Poultry meat	0.01	(*)		CXL	2004	37		2005	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2004	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	2003	37	36	2005	

87 Dinocap

Main Uses: Fungicide

JMPR:

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.

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP	0226	Apple	0.2	D		CXL	1998	34	32	2003	
VC	0424	Cucumber	0.07	M,d		CXL	2010	55		2024	
VC	0045	Fruiting vegetables, cucurbits (group)	0.05 (*)	D	Except cucumbers, summer squash, and melons (except watermelons).	CXL	1998	55		2024	
FB	0269	Grapes	0.5	D,m		CXL	2001	35	32,34	2003	
VC	0046	Melons (except watermelon)	0.5	M,d		CXL	2010	43		2011	
FS	0247	Peach	0.1	D		CXL	1998	34	32	2003	
VO	0051	Peppers (subgroup)	0.2	D	MRL provisionally applies to okra, martynia, and roselle.	CXL	1998	34	32	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS	0444	Peppers chili, dried	2	D		CXL	2004	38	37	2006	
VC	0431	Squash, summer	0.07	M,d		CXL	2010	43		2011	
FB	0275	Strawberry	0.5	D,m	Except glasshouse-grown	CXL	1998	34	32	2003	
VO	0448	Tomato	0.3	D		CXL	1999	34	32	2003	

90 Chlorpyrifos-Methyl

Main Uses: Insecticide

JMPR:

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

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: Chlorpyrifos-methyl. The residue is fat-soluble.

Note: CCPR agreed to retain all the CXLs under the 4-year rule, awaiting the periodic re-evaluation by the 2024 JMPR (53:44).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0640	Barley	3	Po		CXL	2009	49	43,44,45,46,47	2017	
FC 0001	Citrus fruits (group)	2			CXL	2009	45	42	2013	
MO 0105	Edible offal (mammalian)	0.01			CXL	2009	43		2011	
VO 0440	Eggplant	1			CXL	2009	42		2010	
PE 0112	Eggs	0.01	(*)		CXL	2009	43		2011	
AB 0269	Grape pomace, dried	5			CXL	2009	43		2011	
FB 0269	Grapes	1			CXL	2009	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.1	(fat)		CXL	2009	43		2011	
FM 0183	Milk fats	0.01	(*)		CXL	2009	43		2011	
ML 0106	Milks	0.01	(*)		CXL	2009	43		2011	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2009	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2009	42		2010	
FP 0009	Pome fruits (group)	1			CXL	2009	42		2010	
VR 0589	Potato	0.01	(*)		CXL	2009	42		2010	
PM 0110	Poultry meat	0.01	(fat)		CXL	2009	43		2011	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2009	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 (group)	0.5			CXL	2009	42		2010	
FB 0275	Strawberry	0.06			CXL	2009	42		2010	
VO 0448	Tomato	1			CXL	2009	42		2010	
GC 0654	Wheat	3	Po		CXL	2009	49	43,44,45,46,47	2017	
CM 0654	Wheat bran, unprocessed	6	PoP		CXL	2009	49	43,44,45,46,47	2017	
CF 1210	Wheat germ	5	PoP		CXL	2009	49	43,44,45,46,47	2017	

94 Methomyl

Main Uses: Insecticide

JMPR:

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	20			CXL	2001	37	34-36	2005	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
FP 0226	Apple	0.3			CXL	2008	42	41	2010	
VS 0621	Asparagus	2			CXL	2001			1991	
GC 0640	Barley	2			CXL	2001	37	34-36	2005	
VD 0071	Bean (dry)	0.05			CXL	2001	36	34,35	2004	
AL 0061	Bean, hay and/or straw	10			CXL	2001	37	34-36	2005	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1			CXL	2001	36	34,35	2004	
FC 0001	Citrus fruits (group)	1			CXL	2001	45		2013	
AB 0001	Citrus pulp, dried	3			CXL	2001	37	34-36	2005	
VP 0526	Common bean (pods and/or immature seeds)	1			CXL	2001	36	34,35	2004	
SO 0691	Cotton seed	0.2			CXL	2001	36	34,35	2004	
OR 0691	Cotton seed oil, edible	0.04			CXL	2001	36	34,35	2004	
AB 0691	Cotton seed, hulls	0.2			CXL	2001	36	34,35	2004	
AB 1203	Cotton seed, meal	0.05			CXL	2001	36	34	2004	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2001	36	34,35	2004	
PE 0112	Eggs	0.02 (*)			CXL		36	34,35	2004	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0045	Fruiting vegetables, cucurbits (group)	0.1			CXL	2001,2008	41	34-40	2009	Resulting from consideration of methomyl supervised field trial data.
FB 0269	Grapes	0.3			CXL	2008	41		2009	
VL 0482	Lettuce, head	0.2			CXL	2008	41		2009	
VL 0483	Lettuce, leaf	0.2			CXL	2008	41		2009	
GC 0645	Maize	0.02 (*)			CXL	2001	36	34,35	2004	
OR 0645	Maize oil, edible	0.02 (*)			CXL	2001	36	34,35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2001	36	34,35	2004	
ML 0106	Milks	0.02 (*)			CXL	2001	36	34,35	2004	
AM 0738	Mint hay	0.5			CXL	2004	37		2005	
FS 0245	Nectarine	0.2			CXL	2001	36	34,35	2004	
GC 0647	Oats	0.02 (*)			CXL	2001	36	34,35	2004	
VA 0385	Onion, bulb	0.2			CXL	2001			1991	
FS 0247	Peach	0.2			CXL	2001	36	34,35	2004	
FP 0230	Pear	0.3			CXL	2008	41		2009	
VP 0063	Peas (pods and succulent=immature seeds)	5			CXL	2001			1991	
VO 0051	Peppers (subgroup)	0.7		MRL provisionally applies to okra, martynia, and roselle.	CXL	2004	37		2005	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
FS 0014	Plums (including fresh prunes) (subgroup)	1			CXL	2001	36	34,35	2004	
VR 0589	Potato	0.02 (*)			CXL	2001	36	34,35	2004	
PM 0110	Poultry meat	0.02 (*)			CXL	2001	36	34,35	2004	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2001	36	34,35	2004	
SO 0495	Rape seed	0.05			CXL	2001	36	34,35	2004	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD 0541	Soya bean (dry)	0.2			CXL	2001				
AB 0541	Soya bean hulls	1			CXL	2001	36	34,35	2004	
AB 1265	Soya bean meal	20			CXL	2001	36	34,35	2004	
OC 0541	Soya bean oil, crude	0.2			CXL	2001	36	34,35	2004	
OR 0541	Soya bean oil, refined	0.2			CXL	2001	36	34,35	2004	
AL 0541	Soya bean, hay and/or straw	0.2			CXL	2001	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	2001	36	34,35	2004	
VO 0448	Tomato	1			CXL	2008	41			2009
GC 0654	Wheat	2			CXL	2001	37	34-36	2005	
CM 0654	Wheat bran, unprocessed	3			CXL	2001	37	34-36	2005	
CF 1211	Wheat flour	0.03			CXL	2001	37	34-36	2005	
CF 1210	Wheat germ	2			CXL	2001	37	34-36	2005	
AS 0654	Wheat, hay and/or straw	5			CXL					1991

95 Acephate

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2005))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.3			CXL	2003	37	36	2005	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	5			CXL	2003	38	36,37	2006	
FB 0265	Cranberry	0.5			CXL	2006	39		2007	
MO 0105	Edible offal (mammalian)	0.05			CXL	2003	37	36	2005	
PE 0112	Eggs	0.01 (*)			CXL	2003	37	36	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL	2003	37	36	2005	
ML 0106	Milks	0.02			CXL	2003	37	36	2005	
HS 0444	Peppers chili, dried	50			CXL	2004	38	37	2006	
PF 0111	Poultry fats	0.1			CXL					
PM 0110	Poultry meat	0.01 (*)			CXL	2003	37	36	2005	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2003	37	36	2005	
AS 0649	Rice, hay and/or straw	0.3			CXL	2011	44		2012	
CM 0649	Rice, husked	1			CXL	2011	44		2012	
VD 0541	Soya bean (dry)	0.3			CXL	2003	37	36	2005	
HS 0093	Spices	0.2 (*)			CXL		37		2005	

100 Methamidophos

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.01 mg/kg bw ((2002))

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	2003	37	36	2005	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1			CXL	2003	38	36,37	2006	
SO 0691	Cotton seed	0.2			CXL	2003	37	36	2005	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2003	37	36	2005	
PE 0112	Eggs	0.01 (*)			CXL	2003	37	36	2005	
AM 1051	Fodder beet, roots	0.02			CXL	2003	37	36	2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2003	37	36	2005	
ML 0106	Milks	0.02			CXL	2003	37	36	2005	
VR 0589	Potato	0.05			CXL	2003	37	36	2005	
PM 0110	Poultry meat	0.01 (*)			CXL	2003	37	36	2005	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2003	37	36	2005	
AS 0649	Rice, hay and/or straw	0.1		(arising from the use of acephate on rice)	CXL	2011	44		2012	
CM 0649	Rice, husked	0.6		(arising from the use of acephate on rice)	CXL	2011	44		2012	
VD 0541	Soya bean (dry)	0.1			CXL	2003	37	36	2005	
HS 0093	Spices	0.1 (*)			CXL		37		2005	
VR 0596	Sugar beet	0.02			CXL	2003	37	36	2005	

101 Pirimicarb

Main Uses: Aphicide

JMPR:

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	2006	39		2007	
VS 0621	Asparagus	0.01 (*)			CXL	2006	39		2007	
FB 0018	Berries and other small fruits	1		Except strawberries and grapes.	CXL	2006	39		2007	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.5			CXL	2006	39		2007	
GC 0080	Cereal grains (group)	0.05		Except rice.	CXL	2006	39		2007	
FC 0001	Citrus fruits (group)	3			CXL	2006	45	39	2013	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2006	39		2007	
PE 0112	Eggs	0.01 (*)			CXL	2006	39		2007	
VC 0045	Fruiting vegetables, cucurbits (group)	1		Except melons and	CXL	2006	39		2007	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.5		Except edible fungi and sweet corn.	CXL	2006	39		2007	
VA 0381	Garlic	0.1			CXL	2006	39		2007	
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.3			CXL	2006	39		2007	
VP 0060	Legume vegetables (group)	0.7		Except soya bean.	CXL	2006	39		2007	
VL 0482	Lettuce, head	5			CXL	2006	39		2007	
VL 0483	Lettuce, leaf	5			CXL	2006	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2006	39		2007	
VC 0046	Melons (except watermelon)	0.2			CXL	2006	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.01 (*)			CXL	2006	39		2007	
VA 0385	Onion, bulb	0.1			CXL	2006	39		2007	
AL 0072	Pea, hay and/or straw	60 (dw)			CXL	2006	39		2007	
HS 0444	Peppers chili, dried	20			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	1			CXL	2006	39		2007	
PM 0110	Poultry meat	0.01 (*)			CXL	2006	39		2007	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2006	39		2007	
VD 0070	Pulses (group)	0.2		Except soya bean (dry).	CXL	2006	39		2007	
SO 0495	Rape seed	0.05			CXL	2006	39		2007	
VR 0075	Root and tuber vegetables (group)	0.05			CXL	2006	39		2007	
HS 0190	Spices, seeds	5			CXL		37		2005	
FS 0012	Stone fruits (group)	3			CXL	2006	39		2007	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.3 (dw)		Except rice straw and fodder, dry.	CXL	2006	39		2007	
SO 0702	Sunflower seed	0.1			CXL	2006	39		2007	
VO 1275	Sweet corn (kernels)	0.05			CXL	2006	39		2007	

102 Maleic Hydrazide

Main Uses: Plant growth regulator

JMPR:

ADI: 0.3 mg/kg bw (1996)

Acute RfD: N/A ()

Residue: Maleic hydrazide

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA 0381	Garlic	15			CXL	1998	32		2001	
VA 0385	Onion, bulb	15			CXL	1998				
VR 0589	Potato	50			CXL	1998				
VA 0388	Shallot	15			CXL	1998	32		2001	

103 Phosmet

Main Uses: Insecticide

JMPR:

ADI: 0-0.006 mg/kg bw (2024)

Acute RfD: 0.03 mg/kg bw ((2024))

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

Definition of the residue for phosmet long-term dietary risk assessment for plant commodities: Sum of phosmet plus 6-times 2(dimethoxyphosphoryl-sulfanylmethyl)isoindole-1,3-dione (phosmet-oxon), expressed as phosmet.

Definition of the residue for phosmet acute dietary risk assessment for plant commodities: Sum of phosmet plus 25-times 2(dimethoxyphosphoryl-sulfanylmethyl)isoindole-1,3-dione (phosmet-oxon), expressed as phosmet.

Definition of the residue for phthalic acid dietary risk assessment for plant and animal commodities: Phthalic acid.

Definition of the residue for phthalamic acid dietary risk assessment for plant and animal commodities: Phthalamic acid, expressed as folpet.

The residue is not fat-soluble.

Note: Phosmet ADI: 0–0.006 mg/kg bw, ARfD: 0.03 mg/kg bw

Phthalamic acid ADI: 0–0.1 mg/kg bw

Phthalic acid (and its anhydride) ADI: 0–0.1 mg/kg bw (2024)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0240	Apricot	10			CXL	1997	40	31,33-39	2008	
FB 0020	Blueberries	10			CXL	2007	40		2008	
FB 0020	Blueberries	20			3	2024	56			
MM 0812	Cattle meat	1	(fat) V		CXL		31		1999	
FC 0001	Citrus fruits (group)	3			CXL	2002,2007	45	35-40	2013	
SO 0691	Cotton seed	0.05			CXL	1997	32	31	2001	
FB 0265	Cranberry	3			CXL	2014	47		2015	
FB 0265	Cranberry	3			3	2024	56			
FB 0269	Grapes	10			CXL	1997	31		1999	
ML 0106	Milks	0.02			CXL		31		1999	
FS 0245	Nectarine	10			CXL	2002,2007	40	35-39	2008	
FS 0247	Peach	10			CXL	1997	31		1999	
FP 0009	Pome fruits (group)	3			CXL	2002	55	40,52	2008,2	
VR 0589	Potato	0.05	(*)		CXL	1997	32	31	2001	
VR 0589	Potato	0.05	(*)		3	2024	56			

105 Dithiocarbamates

Main Uses: Fungicide

JMPR:

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

Acute RfD: N/A ()

Residue: For compliance with MRLs in plant and animal commodities: Total dithiocarbamates, determined as CS₂, evolved during acid digestion and expressed as mg CS₂/kg. For the estimation of dietary intake in plant and animal commodities: mancozeb plus ethylenethiourea (ETU). Dithiocarbamate residues are not fat soluble.

Note: 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 CS₂ (36-201). The JMPR 2004 evaluated propineb and proposed MRLs for the use of propineb alone and for the use of dithiocarbamates including propineb in several commodities (37-127). CCPR agreed not to establish separate MRLs for propineb as the residue definition applies to all dithiocarbamates (37-128).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	20	N,z		CXL	1995	31	28-30	1999	
TN 0660	Almonds	0.1 (*)	N,Z		CXL	1995	31	28-30	1999	
VS 0621	Asparagus	0.1	c		CXL	1995	31	28-30	1999	
FI 0327	Banana	2	c		CXL	1995	31	28-30	1999	
GC 0640	Barley	1	c		CXL	1995	31	28-30	1999	
AS 0640	Barley, hay and/or straw	25	C,n		CXL	1995	31	28-30	1999	
VB 0041	Cabbages, head	5	c,N		CXL	1995	31	28-30	1999	
HS 0775	Cardamom	0.1			CXL	2014	47		2015	
VR 0577	Carrot	1	c		CXL	1995	31	28-30	1999	
FS 0013	Cherries (subgroup)	0.2	p		CXL	2004	38	37	2006	
HS 0779	Coriander, seed	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozeb(050)
VL 0510	Cos lettuce	10	n		CXL	1995	31	28-30	1999	
SO 0691	Cotton seed	0.4			CXL	2022	54		2023	
FB 0265	Cranberry	5	c		CXL	1995	31	28-30	1999	
VC 0424	Cucumber	2	c,N,p		CXL	2004	37		2005	
HS 0780	Cumin seed	10			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozeb(050)
FB 0021	Currants, black, red, white	10	C,m		CXL	1995	31	28-30	1999	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.1	C,m,p		CXL	2004	37		2005	
PE 0112	Eggs	0.05 (*)	C,p		CXL	2004	37		2005	
HS 0731	Fennel, seed	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozeb(050).
VA 0381	Garlic	0.5	c		CXL	1995	31	28-30	1999	
VR 0604	Ginseng	0.3			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozeb(050).
DV 0604	Ginseng, dried including red ginseng	1.5			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Mancozeb(050).
FB 0269	Grapes	5	C,m,n		CXL	2004	37		2005	
DH 1100	Hops, dry	30	m		CXL	1995	31	28-30	1999	
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kale)	15	c,N		CXL	1995	31	28-30	1999	
VA 0384	Leek	0.5	c		CXL	1995	31	28-30	1999	
VL 0482	Lettuce, head	0.5	C,N,m		CXL	1995	31	28-30	1999	
FI 0342	Longan	15			CXL	2022	54		2023	
GC 0645	Maize	0.15			CXL	2022	54		2023	
AS 0645	Maize fodder (dry)	2	c		CXL	1995	31	28-30	1999	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	10	c		CXL	1995	31	28-30	1999	
FI 0345	Mango	2	c		CXL	1995	31	28-30	1999	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	c,m,p		CXL	2004	37		2005	
VC 0046	Melons (except watermelon)	0.5	C		CXL	2004	37		2005	
ML 0106	Milks	0.05 (*)	c,m,p		CXL	2004	37		2005	
VA 0385	Onion, bulb	0.5	C		CXL	2004	37		2005	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	2	c		CXL	1995	31	28-30	1999	
FI 0350	Papaya	5	c		CXL	1995	31	28-30	1999	
SO 0697	Peanut	0.1 (*)	c		CXL	1995	31	28-30	1999	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 0697	Peanut fodder	5	c		CXL	1995	31	28-30	1999	
TN 0672	Pecan	0.1 (*)	Z		CXL	2004	37		2005	
HS 0790	Pepper, black, white	0.1			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Man cozeb(050)
HS 0444	Peppers chili, dried	20			CXL	2014	47		2015	Refer to Dithiocarbamates(105)/Man cozeb(050).
VO 0445	Peppers, sweet (including pimento or pimienta)	1	c,n		CXL	1995	31	28-30	1999	
FP 0009	Pome fruits (group)	5	C,M,H,Z		CXL	2004	37		2005	
VR 0589	Potato	0.2	c,m,n,p		CXL	2004	37		2005	
PM 0110	Poultry meat	0.1	c,p		CXL	2004	37		2005	
PO 0111	Poultry, edible offal of	0.1	c,p		CXL	2004	37		2005	
VC 0429	Pumpkins	0.2	c		CXL	1995	31	28-30	1999	
GC 0649	Rice	3			CXL	2022	54		2023	
CM 0649	Rice, husked	1.5			CXL	2022	54		2023	
CM 1205	Rice, polished	1.5			CXL	2022	54		2023	
VD 0541	Soya bean (dry)	0.3			CXL	2022	54		2023	
VA 0389	Spring onion	10	n		CXL	1995	31	28-30	1999	
VC 0431	Squash, summer	1	c		CXL	1995	31	28-30	1999	
FS 0012	Stone fruits (group)	7	h,p,Z		CXL	2004	37		2005	
FB 0275	Strawberry	5	H		CXL	1996	32	30	2001	
VR 0596	Sugar beet	0.5	C,n		CXL	1995	31	28-30	1999	
VO 0447	Sweet corn (corn-on-the-cob)	0.1 (*)	c		CXL	1995	31	28-30	1999	
VO 0448	Tomato	2	p		CXL	2004	38	37	2006	
VC 0432	Watermelon	1	c,N		CXL	1995	30	28,29	1999	
GC 0654	Wheat	1	C,n,m		CXL	1995	31	28-30	1999	
AS 0654	Wheat, hay and/or straw	25	C,n,m		CXL	1995	31	28-30	1999	
VC 0433	Winter squash	0.1	c		CXL	1995	31	28-30	1999	

106 Ethephon

Main Uses: Plant growth regulator

JMPR:

ADI: 0–0.05 mg/kg bw (2015)

Acute RfD: 0.05 mg/kg bw ((2015))

Residue: For plant commodities except cereal grains and straw (for compliance with the MRL and for estimation of dietary intake: Ethephon. For cereal grains and straw (for compliance with the MRL and for estimation of dietary intake): Ethephon and its conjugates, expressed as ethephon. For animal commodities (for compliance with the MRL and for estimation of dietary intake): Ethephon. The residue is not fat-soluble.

Commodity Code	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, hay and/or straw	7	(dw)		CXL	2015	48		2016	
FS 0013	Cherries (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, hay and/or straw	7	(dw)		CXL	2015	48		2016	
GC 0654	Wheat	0.5			CXL	2015	48		2016	

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

109 Fenbutatin Oxide

Main Uses: Acaricide

JMPR:

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

110 Imazalil

Main Uses: Fungicide

JMPR:

ADI: 0–0.03 mg/kg bw (1977, 2018)

Acute RfD: 0.05 mg/kg bw ((2005))

Residue: For compliance with the MRL for plant and animal commodities: Imazalil. For dietary risk assessment for plant commodities: Free and conjugated imazalil. For dietary risk assessment for animal commodities: Sum of imazalil and the metabolite R061000 ((RS)-3-[2-(2,4-dichlorophenyl)-2-(2,3-dihydroxypropoxy)ethyl]imidazolidine-2,4-dione (+)-1-[2-(2,4-dichlorophenyl)-2-[(2,3-dihydroxypropyl)oxy]ethyl]-2,5-imidazolidinedione), expressed as imazalil equivalents. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	3	Po		CXL	2018	51		2019	
GC 0640	Barley	0.01	(*)		CXL	2018	51		2019	
AS 0640	Barley, hay and/or straw	0.01			CXL	2018	51		2019	
FC 0001	Citrus fruits (group)	15	Po		CXL	2021	53		2022	
OR 0001	Citrus oil, edible	500	Po		CXL	2021	53		2022	
AB 0001	Citrus pulp, dried	70	(dw) Po		CXL	2021	53		2022	
MO 0105	Edible offal (mammalian)	0.3			CXL	2018	51		2019	
PE 0112	Eggs	0.01	(*)		CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.02	(*)		CXL	2018	51		2019	
ML 0106	Milks	0.02	(*)		CXL	2018	51		2019	
VR 0589	Potato	9	Po		CXL	2018	51		2019	
PF 0111	Poultry fats	0.02	(*)		CXL	2018	51		2019	
PM 0110	Poultry meat	0.02	(*)		CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.02	(*)		CXL	2018	51		2019	
VO 0448	Tomato	0.3			CXL	2018	51		2019	
GC 0653	Triticale	0.01	(*)		CXL	2018	51		2019	
AS 0653	Triticale, hay and/or straw	0.01			CXL	2018	51		2019	
GC 0654	Wheat	0.01	(*)		CXL					

111 Iprodione

Main Uses: Fungicide

JMPR:

ADI: 0.06 mg/kg bw 1995

Acute RfD: 0.6 mg/kg bw (2023)

Residue: For compliance with the MRL and for dietary risk assessment for plant commodities: Iprodione.

For compliance with the MRL for animal commodities: Not concluded.

For dietary risk assessment for animal commodities: Iprodione + 3-(3,5-dichlorophenyl)-2,4-dioximidazolidine-1-carboxamide (RP302490) + N-(3,5-dichloro-4-hydroxyphenyl)-2-carbamoylacetamide (RP36114).

Note: JMPR (2023) reconfirmed the ADI established in 1995. The ADI and ARfD also apply to metabolites RP32490, RP36114 and RP36115.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM 0660	Almond hulls	50 (dw)			CXL	2023	55		2024	
TN 0660	Almonds	0.3			CXL	2023	55		2024	
AL 0061	Bean, hay and/or straw	20 (dw)			CXL	2023	55		2024	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1.5			CXL	2023	55		2024	
FB 2005	Cane berries (subgroup)	50			CXL	2023	55		2024	
FS 0013	Cherries (subgroup)	0.3			CXL	2023	55		2024	
VA 0385	Onion, bulb	0.15			CXL	2023	55		2024	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.05 (*)			CXL	2023	55		2024	
VR 0589	Potato	0.05 (*)			CXL	2023	55		2024	
AM 3604	Potato, culls	0.15			4	2023	55			CCPR considered JMPR's recommendation to set a separate MRL for potato and potato culls and requested that the data sponsor provide additional information about the residue trials to JMPR for further review. CCPR agreed to maintain the proposed MRL for potato culls at Step 4, awaiting additional information from the data sponsor (55:122-123).
DV 0589	Potato, flakes/granules	0.05 (*)			CXL	2023	55		2024	

112 Phorate

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: 0.003 mg/kg bw ((2004))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Bean (dry)	0.05 (*)			CXL	2005	38		2006	
SB 0716	Coffee beans	0.05 (*)			CXL	2005	38		2006	
VP 0526	Common bean (pods and/or immature seeds)	0.05 (*)			CXL	2005	38		2006	
HS 0779	Coriander, seed	0.1			CXL	2015	48		2016	
SO 0691	Cotton seed	0.05 (*)			CXL	2005	38		2006	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2005	38		2006	
PE 0112	Eggs	0.05 (*)			CXL	2005	38		2006	
HS 0731	Fennel, seed	0.1			CXL	2015	48		2016	
GC 0645	Maize	0.05 (*)			CXL	2005	38		2006	
CF 1255	Maize flour	0.05			CXL	2005	38		2006	
OC 0645	Maize oil, crude	0.1			CXL	2005	38		2006	
OR 0645	Maize oil, edible	0.02			CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2005	38		2006	
ML 0106	Milks	0.01 (*)			CXL	2005	38		2006	
VR 0589	Potato	0.3			CXL	2012	45		2013	
PM 0110	Poultry meat	0.05 (*)			CXL	2005	38		2006	
GC 0651	Sorghum grain	0.05 (*)			CXL	2005	38		2006	
VD 0541	Soya bean (dry)	0.05 (*)			CXL	2005	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	2005	38		2006	

113 Propargite

Main Uses: Acaricide

JMPR:

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	2002	36	35	2004	
TN 0660	Almonds	0.1 (*)			CXL	2002	36	35	2004	
FP 0226	Apple	3			CXL	2002	36	35	2004	
JF 0226	Apple juice	0.2			CXL	2002	36	35	2004	
VD 0071	Bean (dry)	0.3			CXL	2006	39		2007	
VD 0523	Broad bean (dry)	0.3			CXL	2006	39		2007	
VD 0524	Chick-pea (dry)	0.3			CXL	2006	39		2007	
FC 0001	Citrus fruits (group)	3			CXL	2002	36	35	2004	
AB 0001	Citrus pulp, dried	10			CXL	2002	36	35	2004	
SO 0691	Cotton seed	0.1			CXL	2002	36	35	2004	
OR 0691	Cotton seed oil, edible	0.2			CXL	2002	36	35	2004	
MO 0105	Edible offal (mammalian)	0.1 (*)			CXL	2002	36	35	2004	
PE 0112	Eggs	0.1 (*)			CXL	2002	36	35	2004	
JF 0269	Grape juice	1			CXL	2002	36	35	2004	
AB 0269	Grape pomace, dried	40			CXL	2002				
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	12			CXL	2002	36	35	2004	
FB 0269	Grapes	7			CXL	2002	36	35	2004	
DH 1100	Hops, dry	100			CXL	2002	36	35	2004	
VD 0545	Lipin (dry)	0.3			CXL	2006	39		2007	
GC 0645	Maize	0.1 (*)			CXL	2002				
CF 1255	Maize flour	0.2			CXL	2002	36	35	2004	
OC 0645	Maize oil, crude	0.7			CXL	2002	36	35	2004	
OR 0645	Maize oil, edible	0.5			CXL	2002	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.1 (*) (fat)			CXL	2002	36	35	2004	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.1 (*) F			CXL	2002	36	35	2004	
JF 0004	Orange juice	0.3			CXL	2002	36	35	2004	
SO 0697	Peanut	0.1 (*)			CXL	2002				
OC 0697	Peanut oil, crude	0.3			CXL	2002	36	35	2004	
OR 0697	Peanut oil, edible	0.3			CXL	2002	36	35	2004	
VR 0589	Potato	0.03			CXL	2006	39		2007	
PM 0110	Poultry meat	0.1 (*) (fat)			CXL	2002	36	35	2004	
PO 0111	Poultry, edible offal of	0.1 (*)			CXL	2002	36	35	2004	
FS 0012	Stone fruits (group)	4			CXL	2002	36	35	2004	
DT 1114	Tea, green, black (black, fermented and dried)	5			CXL	2002	36	35	2004	
VO 0448	Tomato	2			CXL	2002				
TN 0678	Walnuts	0.3			CXL	2006	39		2007	

116 Triforine

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2014))

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Triforine. For compliance with the MRL and for estimation of dietary intake for animal commodities: Triforine and its metabolites determined as chloral hydrate expressed as triforine. The residue is not fat soluble.

Commodity Code	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	Eggplant	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:

ADI: 0.003 mg/kg bw (1992)

Acute RfD: 0.003 mg/kg bw ((1995))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.02			CXL	1994	28		1997	
AS 0640	Barley, hay and/or straw	0.05			CXL	1994	28		1997	
VD 0071	Bean (dry)	0.1			CXL	1994				
VB 0402	Brussels sprouts	0.1			CXL	1993,1994	28		1997	
FC 0001	Citrus fruits (group)	0.2			CXL	1994				
SB 0716	Coffee beans	0.1			CXL	1994				
SO 0691	Cotton seed	0.1			CXL	1994				
OR 0691	Cotton seed oil, edible	0.01 (*)			CXL	1994	28		1997	
FB 0269	Grapes	0.2			CXL	1994	28		1997	
GC 0645	Maize	0.05			CXL	1994				
AS 0645	Maize fodder (dry)	0.5			CXL	1994	28		1997	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	1994				
ML 0106	Milks	0.01 (*)			CXL	1994				
VA 0385	Onion, bulb	0.1			CXL	1994	28		1997	
SO 0697	Peanut	0.02			CXL	1994	28		1997	
OR 0697	Peanut oil, edible	0.01 (*)			CXL	1994	28		1997	
TN 0672	Pecan	1			CXL	1994	28		1997	
GC 0651	Sorghum grain	0.1			CXL	1994	28		1997	
AS 0651	Sorghum straw and fodder, dry	0.5			CXL	1994				
VD 0541	Soya bean (dry)	0.02 (*)			CXL	1994				
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	1994				
GS 0659	Sugar cane	0.1			CXL	1994	28		1997	
SO 0702	Sunflower seed	0.05 (*)			CXL	1994	28		1997	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0508	Sweet potato	0.1			CXL	1994				
GC 0654	Wheat	0.02			CXL	1994	28		1997	
AS 0654	Wheat, hay and/or straw	0.05			CXL	1994	28		1997	

118 Cypermethrins (including alpha- and zeta- cypermethrin)

Main Uses: Insecticide

JMPR:

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

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

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

Note: Group ADI for cypermethrins, including alpha-cypermethrin and zeta-cypermethrin. Group ARfD for cypermethrins, including alpha-cypermethrin and zeta-cypermethrin. Source of data supporting the proposed MRLs: a: alpha-cypermethrin. c: cypermethrin. z: zeta-cypermethrin. Capital letters show the source of data responsible for the MRL estimate.

Small letters show the sources of other data for that commodity.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	30			CXL	2008	41		2009	
VS 0620	Artichoke, globe	0.1			CXL	2008	41		2009	
VS 0621	Asparagus	0.4	a,C		CXL	2011	44		2012	
FI 0326	Avocado	0.5	Z	Z = zeta-cypermethrin	CXL	2023	55		2024	
GC 0640	Barley	2	Po		CXL	2009	42		2010	
AL 0061	Bean, hay and/or straw	2			CXL	2008	41		2009	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	1			CXL	2008	41		2009	
VA 2031	Bulb onions (subgroup)	0.05 (*)	Za	Za = zeta-cypermethrin and alpha-cypermethrin	CXL	2023	55		2024	
FB 2006	Bush berries (subgroup)	1.5	Z	Z = zeta-cypermethrin	CXL	2023	55		2024	
FT 0289	Carambola	0.2			CXL	2008	41		2009	
HS 0775	Cardamom	3			CXL	2015	48		2016	
GC 0080	Cereal grains (group)	0.3	Acz	Except rice barley, oats, rye and wheat.	CXL	2009	42		2010	
FC 0001	Citrus fruits (group)	0.3	a,Z	Except shaddocks or pomelos.	CXL	2011	45	44	2013	
SB 0716	Coffee beans	0.05 (*)			CXL	2008	41		2009	
FI 0334	Durian	1			CXL	2008	41		2009	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.05 (*)		The MRL accommodates external animal treatment.	CXL	2008	41		2009	
VO 0440	Eggplant	0.03			CXL	2008	41		2009	
PE 0112	Eggs	0.01 (*)			CXL	2011	44		2012	
VC 0045	Fruiting vegetables, cucurbits (group)	0.07			CXL	2008	41		2009	
VR 0604	Ginseng	0.03 (*)			CXL	2019	52		2021	
DV 0604	Ginseng, dried including red ginseng	0.15			CXL	2019	52		2021	
DM 0604	Ginseng, extracts	0.06 (*)			CXL	2019	52		2021	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.5			CXL	2008	41		2009	
FB 0269	Grapes	0.2			CXL	2008	41		2009	
VL 0053	Leafy vegetables (group)	0.7			CXL	2008	41		2009	
VA 0384	Leek	0.05			CXL	2008	41		2009	
VP 0060	Legume vegetables (group)	0.7			CXL	2008	41		2009	
FI 0343	Litchi	2			CXL	2008	41		2009	
FI 0342	Longan	1			CXL	2008	41		2009	
FI 0345	Mango	0.7			CXL	2008	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	2 (fat)		The MRL accommodates external animal treatment.	CXL	2008	41		2009	
FM 0183	Milk fats	0.5			CXL	2008	41		2009	
ML 0106	Milks	0.05		The MRL accommodates external animal treatment.	CXL	2008	41		2009	
GC 0647	Oats	2 Po	C		CXL	2009	42		2010	
SO 0088	Oilseeds and oilfruits (group)	0.1			CXL	2008	41		2009	
VO 0442	Okra	0.5			CXL	2008	41		2009	
OR 0305	Olive oil, refined	0.5			CXL	2008	41		2009	
OC 0305	Olive oil, virgin	0.5			CXL	2008	41		2009	
FI 0350	Papaya	0.5			CXL	2008	41		2009	
AL 0072	Pea, hay and/or straw	2			CXL	2008	41		2009	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0444	Peppers chili	2			CXL	2008	41		2009	
HS 0444	Peppers chili, dried	10			CXL	2008	41		2009	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.1			CXL	2008	41		2009	
FP 0009	Pome fruits (group)	0.7			CXL	2008	41		2009	
PF 0111	Poultry fats	0.1			CXL	2011	44		2012	
PM 0110	Poultry meat	0.1	(fat)		CXL	2011	44		2012	
PO 0111	Poultry, edible offal of	0.05	(*)		CXL	2011	44		2012	
VD 0070	Pulses (group)	0.05	(*)		CXL	2008	41		2009	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.5	a,C,z		CXL	2011	44		2012	
GC 0649	Rice	2			CXL	2008	41		2009	
VR 0075	Root and tuber vegetables (group)	0.01	(*)	Except sugar beet.	CXL	2008	41		2009	
GC 0650	Rye	2	Po	C	CXL	2009	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 (group)	2			CXL	2008	41		2009	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	10			CXL	2008	41		2009	
FB 0275	Strawberry	0.07			CXL	2008	41		2009	
VR 0596	Sugar beet	0.1			CXL	2008	41		2009	
GS 0659	Sugar cane	0.2			CXL	2008	41		2009	
VO 0447	Sweet corn (corn-on-the-cob)	0.05	(*)		CXL	2008	41		2009	
FT 0305	Table olives	0.05	(*)		CXL	2008	41		2009	
DT 1114	Tea, green, black (black, fermented and dried)	15	C		CXL	2011	44		2012	
VO 0448	Tomato	0.2			CXL	2008	41		2009	
TN 0085	Tree nuts (group)	0.05	(*)	a,Z	CXL	2011	44		2012	
GC 0654	Wheat	2	Po	C	CXL	2009	42		2010	
CM 0654	Wheat bran, unprocessed	5	PoP	C	CXL	2009	42		2010	

119 Fenvalerate

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.2 mg/kg bw ((2012))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB 0401	Broccoli, Chinese	3			CXL	2012	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	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	1	(fat)		CXL					See edible offal.
ML 0106	Milks	0.1	F		CXL					See edible offal.
HS 0191	Spices, fruits and berries	0.03			CXL		43		2011	
HS 0193	Spices, roots and rhizomes	0.05			CXL		43		2011	

120 Permethrin

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary (1999)

Residue: For plant and animal commodities (for compliance with the MRL): Permethrin (sum of cis and trans isomers).

For plants and animals for dietary risk assessment: JMPR (2023) was unable to conclude on a residue definition for risk assessment.

Note: JMPR (2023) was unable to conclude on a residue definition for risk assessment. No MRLs are recommended, nor are levels estimated for use in long-term and acute dietary exposure assessments as the Meeting could not reach a conclusion on the residue definition for risk assessment for plants and animals, and due to late submission of the relevant key data.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 1020	Alfalfa, hay and/or straw	100		(dw)		CXL				
TN 0660	Almonds	0.1				CXL				
VS 0621	Asparagus	1				CXL				
VD 0071	Bean (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 (group)	2		Po		CXL				
VB 0467	Chinese cabbage (type pe-tsai)	5				CXL				
FC 0001	Citrus fruits (group)	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				

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	Eggplant	1			CXL					
PE 0112	Eggs	0.1			CXL					
VC 0425	Gherkin	0.5			CXL					
FB 0268	Gooseberry	2			CXL					
FB 0269	Grapes	2			CXL					
DH 1100	Hops, dry	50			CXL					
VR 0583	Horseradish	0.5			CXL					
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	5			CXL					
FI 0341	Kiwifruit	2			CXL					
VB 0405	Kohlrabi	0.1			CXL					
VA 0384	Leek	0.5			CXL					
VL 0482	Lettuce, head	2			CXL					
AS 0645	Maize fodder (dry)	100	(dw)		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					

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL		55		2024	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle. CCPR agreed to make consequential amendments to the CXLs for the "Peppers (subgroup)" (VO 0051) for pyrethrin (063) and permethrin (120) to provisionally include okra, martynia, and roselle (55:77-82).
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
TN 0675	Pistachio nuts	0.05 (*)			CXL					
FP 0009	Pome fruits (group)	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					
OC 0541	Soya bean oil, crude	0.1			CXL					
AL 0541	Soya bean, hay and/or straw	50 (dw)			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 (group)	2			CXL					
FB 0275	Strawberry	1			CXL					

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

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0812	Cattle meat	0.05		The MRL accommodates external animal treatment.	CXL					
FS 0013	Cherries (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) (subgroup)	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 (group)	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:

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

Acute RfD: 0.009 mg/kg bw ((2017))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VB 0402	Brussels sprouts	0.01 (*)			CXL	2017	50		2018	
VR 0577	Carrot	0.01 (*)			CXL	2017	50		2018	
VO 2700	Cherry tomato	0.01 (*)			CXL	2017	50		2018	
IM 1000	Clams				CXL					
VC 0424	Cucumber	0.02			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2017	50		2018	
VO 2046	Eggplants (subgroup)	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2017	50		2018	
VC 0046	Melons (except watermelon)	0.01			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
VR 0588	Parsnip	0.01 (*)			CXL	2017	50		2018	
VO 0051	Peppers (subgroup)	0.01 (*)		MRL provisionally applies to okra, martynia, and roselle.	CXL	2017, 2018	51	50	2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	0.01 (*)			CXL	2017, 2018	51	50	2019	
VR 0589	Potato	0.01 (*)			CXL	2017	50		2018	
VC 0431	Squash, summer	0.04			CXL	2017	50		2018	
VR 0596	Sugar beet	0.01 (*)			CXL	2017	50		2018	
VO 0448	Tomato	0.01 (*)			CXL	2017	50		2018	
VC 0432	Watermelon	0.01			CXL	2017	50		2018	

128 Phenthoate

Main Uses: Insecticide

JMPR:

ADI: 0.003 mg/kg bw (1984)

Acute RfD: N/A ()

Residue: Phenthoate (fat-soluble)

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:

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	0.2			CXL	2005	38		2006	
FB 0021	Currants, black, red, white	0.1			CXL	2005	38		2006	
FB 0269	Grapes	0.3			CXL	2005	38		2006	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.2			CXL	2005	38		2006	
FP 0230	Pear	0.2			CXL	2005	38		2006	

130 Diflubenzuron

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2001))

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

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.05 (*)			CXL	2011	45	44	2013	
FC 0001	Citrus fruits (group)	0.5			CXL	2002	36	35	2004	
MO 0105	Edible offal (mammalian)	0.1 (*)			CXL	2002	36	35	2004	
PE 0112	Eggs	0.05 (*)			CXL	2002				
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	3			CXL	2011	45	44	2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1 (fat)			CXL	2002	36	35	2004	
ML 0106	Milks	0.02 (*) F			CXL	2002	36	35	2004	
VO 0450	Mushrooms	0.3			CXL	2002	36	35	2004	
VL 0485	Mustard greens	10			CXL	2011	45	44	2013	
FS 0245	Nectarine	0.5			CXL	2011	45	44	2013	
GC 0647	Oats	0.05 (*)			CXL	2011	45	44	2013	
FS 0247	Peach	0.5			CXL	2011	45	44	2013	
SO 0697	Peanut	0.1			CXL	2011	45	44	2013	
AL 0697	Peanut fodder	40			CXL	2011	45	44	2013	
VO 0444	Peppers chili	3			CXL	2011	45	44	2013	
HS 0444	Peppers chili, dried	20			CXL	2011	45	44	2013	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.7			CXL	2011	45	44	2013	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5			CXL	2011	45	44	2013	
FP 0009	Pome fruits (group)	5			CXL	2002	36	35	2004	
PM 0110	Poultry meat	0.05 (*) (fat)			CXL	2002	36	35	2004	
GC 0649	Rice	0.01 (*)			CXL	2002	36	35	2004	
AS 0649	Rice, hay and/or straw	0.7			CXL	2002	36	35	2004	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	1.5			CXL	2011	45	44	2013	
DT 1114	Tea, green, black (black, fermented and dried)	40			CXL	2023	55		2024	
TN 0085	Tree nuts (group)	0.2			CXL	2011	45	44	2013	
GC 0653	Triticale	0.05 (*)			CXL	2011	45	44	2013	
GC 0654	Wheat	0.05 (*)			CXL	2011	45	44	2013	

132 Methiocarb

Main Uses: Insecticide

JMPR:

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.05 (*)			CXL	2005	38		2006	
GC 0640	Barley	0.05 (*)			CXL	2005	38		2006	
AS 0640	Barley, hay and/or straw	0.05			CXL	2005	38		2006	
VB 0402	Brussels sprouts	0.05 (*)			CXL	2005	38		2006	
VB 0041	Cabbages, head	0.1			CXL	2005	38		2006	
VB 0404	Cauliflower	0.1			CXL	2005	38		2006	
TN 0666	Hazelnuts	0.05 (*)			CXL	2005	38		2006	
VA 0384	Leek	0.5			CXL	2005	38		2006	
VL 0482	Lettuce, head	0.05 (*)			CXL	2005	38		2006	
GC 0645	Maize	0.05 (*)			CXL	2005	38		2006	
VC 0046	Melons (except watermelon)	0.2			CXL	2005	38		2006	
VA 0385	Onion, bulb	0.5			CXL	2005	38		2006	
AL 0072	Pea, hay and/or straw	0.5			CXL	2005	38		2006	
VD 0072	Peas (dry)	0.1			CXL	2005	38		2006	
VP 0063	Peas (pods and succulent=immature seeds)	0.1			CXL	2005	38		2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	2			CXL	2005	38		2006	
VR 0589	Potato	0.05 (*)			CXL	2005	38		2006	
SO 0495	Rape seed	0.05 (*)			CXL	2005	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	1999	34	33	2003	
VR 0596	Sugar beet	0.05 (*)			CXL	2005	38		2006	
SO 0702	Sunflower seed	0.05 (*)			CXL	2005	38		2006	
GC 0654	Wheat	0.05 (*)			CXL	2005	38		2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	0.05			CXL	2005	38		2006	

133 Triadimefon

Main Uses: Fungicide

JMPR:

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.

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	2007	40		2008	
VS 0620	Artichoke, globe	0.7		Based on triadimenol use only.	CXL	2007	40		2008	
FI 0327	Banana	1		Based on triadimenol use only.	CXL	2007	41	40	2009	
GC 0080	Cereal grains (group)	0.2		Except maize and rice. Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
SB 0716	Coffee beans	0.5		Based on triadimenol use only.	CXL	2007	40		2008	
FB 0021	Currants, black, red, white	0.7		Based on triadimenol use only.	CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
PE 0112	Eggs	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2		Based on triadimenol use only.	CXL	2007	41	40	2009	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1		Except fungi and sweet corn. Based on triadimefon and triadimenol uses.	CXL	2007	41	40	2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1		Based on triadimenol uses.	CXL	2014	47		2015	
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	2007	40		2008	
ML 0106	Milks	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
HS 0444	Peppers chili, dried	5		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
FI 0353	Pineapple	5	Po	Based on triadimenol use only.	CXL	2007	40		2008	
PM 0110	Poultry meat	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	5		Except maize. Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
FB 0275	Strawberry	0.7		Based on triadimenol use only.	CXL	2007	40		2008	
VR 0596	Sugar beet	0.05 (*)		Based on triadimenol use only.	CXL	2007	40		2008	
AV 0596	Sugar beet leaves or tops (dry)	2				2007				

135 Deltamethrin

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.05 mg/kg bw ((2000))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	2002	36	35	2004	
VR 0577	Carrot	0.02			CXL	2002	36	35	2004	
GC 0080	Cereal grains (group)	2	Po		CXL	2002	36	35	2004	
FC 0001	Citrus fruits (group)	0.02			CXL	2002	36	35	2004	
PE 0112	Eggs	0.02	(*)		CXL	2002	36	35	2004	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	0.1			CXL	2002	36	35	2004	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL					
FB 0269	Grapes	0.2			CXL	2002	36	35	2004	
TN 0666	Hazelnuts	0.02	(*)		CXL	2002	36	35	2004	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.03	(*)		CXL	2002	36	35	2004	
VL 0053	Leafy vegetables (group)	2			CXL	2002	38	36,37	2006	
VA 0384	Leek	0.2			CXL	2002	36	35	2004	
VP 0060	Legume vegetables (group)	0.2			CXL	2002	36	35	2004	
MO 0099	Liver of cattle, goats, pigs & sheep	0.03	(*)		CXL	2002	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.5	(fat)	The MRL accommodates external animal treatment.	CXL	2002				
ML 0106	Milks	0.05	F		CXL	2002	36	35	2004	
VO 0450	Mushrooms	0.05			CXL	2002	36	35	2004	
FS 0245	Nectarine	0.05			CXL	2002	36	35	2004	
VA 0385	Onion, bulb	0.05			CXL	2002	36	35	2004	
FI 0350	Papaya	0.2			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0247	Peach	0.05			CXL	2002	36	35	2004	
FS 0014	Plums (including fresh prunes) (subgroup)	0.05			CXL	2002	36	35	2004	
VR 0589	Potato	0.01 (*)			CXL	2002	36	35	2004	
PM 0110	Poultry meat	0.1 (fat)			CXL	2002	36	35	2004	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2002	36	35	2004	
VD 0070	Pulses (group)	1 Po			CXL	2002	36	35	2004	
VR 0494	Radish	0.01 (*)			CXL	2002	36	35	2004	
SO 0495	Rape seed	0.2			CXL	2016	49		2017	
HS 0191	Spices, fruits and berries	0.03			CXL	2010	43		2011	
HS 0193	Spices, roots and rhizomes	0.5			CXL	2010	43		2011	
FB 0275	Strawberry	0.2			CXL	2002	36	35	2004	
SO 0702	Sunflower seed	0.05 (*)			CXL	2002	36	35	2004	
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL	2002	36	35	2004	
FT 0305	Table olives	1			CXL	2002	36	35	2004	
DT 1114	Tea, green, black (black, fermented and dried)	5			CXL	2002	36	35	2004	
VO 0448	Tomato	0.3			CXL	2002	36	35	2004	
TN 0678	Walnuts	0.02 (*)			CXL	2002	36	35	2004	
CM 0654	Wheat bran, unprocessed	5 PoP			CXL	2002			1995	
CF 1211	Wheat flour	0.3 PoP			CXL	2002	36	35	2004	
CF 1212	Wheat wholemeal	2 PoP			CXL	2002	36	35	2004	

138 Metalaxyl

Main Uses: Fungicide

JMPR:

ADI: 0–0.08 mg/kg bw Applies to metalaxyl and metalaxyl-M (alone or in combination) (2021)

Acute RfD: 0.5 mg/kg bw (Applies to metalaxyl and metalaxyl-M (alone or in combination)) (2021)

Residue: For metalaxyl and metalaxyl-M for compliance with the MRL for plant commodities: Metalaxyl (sum of enantiomers).

For metalaxyl and metalaxyl-M for dietary risk assessment in plant commodities: Metalaxyl (sum of enantiomers) and N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (M8; free and conjugated; sum of enantiomers), expressed as metalaxyl.

For metalaxyl and metalaxyl-M for compliance with the MRL in animal commodities: Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.

For metalaxyl and metalaxyl-M for dietary risk assessment in animal commodities: Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M1 (N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine), M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester), M6 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine), M7 (N-(2,6-dimethyl-5-hydroxyphenyl)-N-(methoxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.

The residue is not fat-soluble.

Note: Residue data that was the basis for the estimation: metalaxyl (M), metalaxyl-M (MM) or monitoring (Mt). The MRLs for Metalaxyl-M (212) are the listed under Metalaxyl (138) (53:54).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.02 (*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
FI 0326	Avocado	0.2			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VB 0402	Brussels sprouts	0.15	(M)	Residue data that was the basis for the estimation: Metalaxyl (M)).	CXL	2021	53		2022	
VB 0041	Cabbages, head	0.06	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	

	Commodity Code	Commodity Name	MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SB	0715	Cacao beans	0.2				CXL				1991	Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VR	0577	Carrot	0.02	(*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
FC	0001	Citrus fruits (group)	5	Po			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VC	0424	Cucumber	0.5				CXL				1991	Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VB	0042	Flowerhead brassicas	0.2		(M)	Residue data that (subgroup) the estimation: Metalaxyl (M)).	CXL	2021 was the basis for	53		2022	
VC	0425	Gherkin	0.5				CXL				1991	Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VR	0604	Ginseng	0.03	(*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
DV	0604	Ginseng, dried including red ginseng	0.06	(*)	(MM)		CXL	2022	54		2023	
FB	0269	Grapes	1.5		(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DH	1100	Hops, dry	10			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VL	0483	Lettuce, leaf	1.5	(M)	Residue data that was the basis for the estimation: Metalaxyl (M)).	CXL	2021	53		2022	
VC	0046	Melons (except watermelon)	0.15	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
VA	0385	Onion, bulb	0.03	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
OR	0004	Orange oil, edible	7			4	2021	53			CCPR retained the MRL at Step 4 awaiting submission of new data (53:53).
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.7	(M)	Residue data that was the basis for the estimation: Metalaxyl (M)).	4	2021	53			CCPR retained the MRL at Step 4 awaiting submission of new data (53:53).
FP	0230	Pear	0.02 (*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
HS	0790	Pepper, black, white	2	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52). Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	04	38	37	2006	Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VO 0445	Peppers, sweet (including pimento or pimienta)	0.5			7	2004	46	37, 38, 39, 40, 41, 42		Withdrawal recommended by JMPR (2021). CCPR retained the MRL at Step 7 awaiting submission of new data (53:53)
FI 0353	Pineapple	0.1	(M)		CXL	2022	54		2023	
VR 0589	Potato	0.02	(M)	Residue data that was the basis for the estimation: Metalaxyl (M)).	CXL	2021	53		2022	
VL 0502	Spinach	0.02	(*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53	2022	
VC 0431	Squash, summer	0.2			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VR 0596	Sugar beet	0.05	(*)		CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0702	Sunflower seed	0.01 (*)	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
VO 2045	Tomatoes (subgroup)	0.3	(MM)	Residue data that was the basis for the estimation: Metalaxyl-M (MM)).	CXL	2021	53		2022	
VC 0432	Watermelon	0.2			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).
VC 0433	Winter squash	0.2			CXL					Withdrawal recommended by JMPR (2021). Retained under the 4-year rule (53:52).

142 Prochloraz

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2009))

Residue: Definition of the residue for compliance of MRL for plant and animal commodities: Sum of prochloraz, N-propyl-N-[2-(2,4,6trichlorophenoxy)ethyl]urea (BTS 44595) and N-formyl-N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]urea (BTS 44596), expressed as prochloraz.

Definition of the residue for dietary intake assessment for plant commodities: Sum of prochloraz and N-formyl-N-propyl-N-[2-(2,4,6trichlorophenoxy)ethyl]urea (BTS 44596), expressed as prochloraz.

Definition of the residue for dietary intake assessment for animal commodities: Sum of prochloraz, N-formyl-N-propyl-N-[2-(2,4,6trichlorophenoxy)ethyl]urea (BTS 44596) and 2,4,6-trichlorophenoxyacetic acid (BTS 9608) (free and conjugated), all expressed as prochloraz.

The residue is fat-soluble.

Note: JMPR (2023) did not finalize the review for residues and will continue the periodic review in 2024.

Commodity Code	Commodity 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	2004	37		2005	
FI 0326	Avocado	5 Po			3	2024	56			
GC 0640	Barley	0.6			3	2024	56			
GC 0080	Cereal grains (group)	2			CXL	2004	37		2005	
FC 0001	Citrus fruits (group)	10 Po			CXL	2004	45	37	2013	
MO 0105	Edible offal (mammalian)	10			CXL	2004	37		2005	
PE 0112	Eggs	0.1			CXL	2004	37		2005	
PF 0111	Group of avian fats	0.01			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.08			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.4			3	2024	56			
PE 0112	Group of eggs	0.2			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.02			3	2024	56			
ML 0106	Group of milks	0.02			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01			3	2024	56			
SO 0693	Linseed	0.05 (*)			CXL	2004	37		2005	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	2004	37		2005	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.05 (*)			CXL	2004	37		2005	
VO 0450	Mushrooms	3			CXL	2009	42		2010	
GC 0647	Oats	0.5			3	2024	56			
HS 0790	Pepper, black, white	10			CXL	2004	37		2005	
PM 0110	Poultry meat	0.05 (*)			CXL	2004	37		2005	
PO 0111	Poultry, edible offal of	0.2			CXL	2004	37		2005	
SO 0495	Rape seed	0.7			CXL	2004	37		2005	
GC 0650	Rye	0.15			3	2024	56			
AS 3560	Rye, hay and/or straw	15 (dw)			3	2024	56			
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	40			CXL	2004	37		2005	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	40 (dw)			3	2024	56			
SO 0702	Sunflower seed	0.5			CXL	2004	37		2005	
OR 0702	Sunflower seed oil, edible	1			CXL	2004	37		2005	
GC 0653	Triticale	0.15			3	2024	56			
GC 0654	Wheat	0.4			3	2024	56			
CM 0654	Wheat bran, unprocessed	7			CXL	2004	37		2005	

143 Triazophos

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: 0.001 mg/kg bw ((2002))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
HS 0775	Cardamom	4			CXL	2015	48		2016	
HS 0779	Coriander, seed	0.1			CXL	2015	48		2016	
SO 0691	Cotton seed	0.2			CXL	2007	40		2008	
OC 0691	Cotton seed oil, crude	1			CXL	2007	40		2008	
HS 0731	Fennel, seed	0.1			CXL	2015	48		2016	
CM 1205	Rice, polished	0.6			CXL	2013	46		2014	
VP 0541	Soya bean (immature seeds)	0.5			CXL	2010	43		2011	
VP 0546	Soya bean (young pod)	1			CXL	2010	43		2011	
HS 0191	Spices, fruits and berries	0.07		Except cardamom.	CXL	2015	48		2016	
HS 0193	Spices, roots and rhizomes	0.1			CXL		43		2005	

144 Bitertanol

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((1998))

Residue: Bitertanol (fat-soluble).

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	1			CXL	2002				
FI 0327	Banana	0.5			CXL	1999				
GC 0640	Barley	0.05 (*)			CXL	1999	33		2001	
AS 0640	Barley, hay and/or straw	0.05 (*)			CXL	1999	33		2001	
FS 0013	Cherries (subgroup)	1			CXL	1999	33		2001	
VC 0424	Cucumber	0.5			CXL	1999				
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	1999	33		2001	
PE 0112	Eggs	0.01 (*)			CXL	1999	33		2001	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*) (fat)			CXL	1999	33		2001	
ML 0106	Milks	0.05 (*)			CXL	1999	33		2001	
FS 0245	Nectarine	1			CXL	1999				
AS 0647	Oat straw and fodder, dry	0.05 (*)			CXL	1999	33		2001	
GC 0647	Oats	0.05 (*)			CXL	1999	33		2001	
FS 0247	Peach	1			CXL	1999				
FS 0014	Plums (including fresh prunes) (subgroup)	2			CXL	1999				
FP 0009	Pome fruits (group)	2			CXL	1999				
PM 0110	Poultry meat	0.01 (*)			CXL	1999	33		2001	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	1999	33		2001	
GC 0650	Rye	0.05 (*)			CXL	1999	33		2001	
AS 0650	Rye straw and fodder, dry	0.05 (*)			CXL	1999	33		2001	
VO 0448	Tomato	3			CXL	1999	34	33	2003	
GC 0653	Triticale	0.05 (*)			CXL	1999	33		2001	
AS 0653	Triticale, hay and/or straw	0.05 (*)			CXL	1999	33		2001	
GC 0654	Wheat	0.05 (*)			CXL	1999	33		2001	
AS 0654	Wheat, hay and/or straw	0.05 (*)			CXL	1999	33		2001	

145 Carbosulfan

Main Uses: Insecticide

JMPR:

ADI: 0–0.01 mg/kg bw 2003

Acute RfD: 0.02 mg/kg bw (2003)

Residue: For compliance with the MRL for plant commodities: Carbosulfan plus carbofuran (expressed as carbosulfan).

For dietary risk assessment for plant commodities: Carbosulfan plus 10×(sum of carbofuran, 3-hydroxy carbofuran (free and conjugated), 3-hydroxy-7-phenol and 3-keto-7-phenol), expressed as carbosulfan for long-term dietary exposure and Carbosulfan plus 20×(sum of carbofuran, 3-hydroxy carbofuran (free and conjugated), 3-hydroxy-7-phenol and 3-keto-7-phenol), expressed as carbosulfan for acute dietary exposure.

For compliance with the MRL and for dietary risk assessment for animal commodities: Not established

Note: JMPR (2023) reconfirmed the ADI and ARfD established in 2003.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0440	Eggplant	0.15			4	2023	55			CCPR agreed to retain the proposed MRLs for eggplant and mango at Step 4, awaiting the JMPR review of additional data from the data sponsor (55:116).
FI 0345	Mango	0.1			4	2023	55			CCPR agreed to retain the proposed MRLs for eggplant and mango at Step 4, awaiting the JMPR review of additional data from the data sponsor (55:116).

146 Cyhalothrin (includes lambda-cyhalothrin)

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.02 mg/kg bw ((2007))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2			CXL	2008	41		2009	
FS 0240	Apricot	0.5			CXL	2008	41		2009	
VS 0621	Asparagus	0.02			CXL	2008	41		2009	
GC 0640	Barley	0.5			CXL	2008	41		2009	
HH 0722	Basil, leaves	0.7			CXL	2015	48		2016	
FB 0018	Berries and other small fruits	0.2			CXL	2008	41		2009	
VA 0035	Bulb vegetables (group)	0.2			CXL	2008	41		2009	
VB 0041	Cabbages, head	0.3			CXL	2008	41		2009	
HS 0775	Cardamom	2			CXL	2015	48		2016	
FS 0013	Cherries (subgroup)	0.3			CXL	2008	41		2009	
FC 0001	Citrus fruits (group)	0.2			CXL	2008	45	41	2013	
SB 0716	Coffee beans	0.01	(*)		CXL	2015	48		2016	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	0.5			CXL	2008	41		2009	
VC 0045	Fruiting vegetables, cucurbits (group)	0.05			CXL	2008	41		2009	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.3		Except mushrooms.	CXL	2008	41		2009	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.3			CXL	2008	41		2009	
MO 0098	Kidney of cattle, goats, pigs and sheep	0.2			CXL	2008	41		2009	
VP 0060	Legume vegetables (group)	0.2			CXL	2008	41		2009	
MO 0099	Liver of cattle, goats, pigs & sheep	0.05			CXL	2008	41		2009	
GC 0645	Maize	0.02			CXL	2008	41		2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI 0345	Mango	0.2			CXL	2008	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	3 (fat)			CXL	2008	41		2009	
ML 0106	Milks	0.2			CXL	2008	41		2009	
FS 0245	Nectarine	0.5			CXL	2008	41		2009	
GC 0647	Oats	0.05			CXL	2008	41		2009	
SO 0088	Oilseeds and oilfruits (group)	0.2			CXL	2008	41		2009	
FS 0247	Peach	0.5			CXL	2008	41		2009	
HS 0444	Peppers chili, dried	3			CXL	2008	41		2009	
FS 0014	Plums (including fresh prunes) (subgroup)	0.2		Except prunes.	CXL	2008	41		2009	
FP 0009	Pome fruits (group)	0.2			CXL	2008	41		2009	
VD 0070	Pulses (group)	0.05			CXL	2008	41		2009	
GC 0649	Rice	1			CXL	2008	41		2009	
VR 0075	Root and tuber vegetables (group)	0.01 (*)			CXL	2008	41		2009	
GC 0650	Rye	0.05			CXL	2008	41		2009	
HS 0191	Spices, fruits and berries	0.03		Except cardamom.	CXL	2015	48		2016	
HS 0193	Spices, roots and rhizomes	0.05			CXL		43		2005	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	2			CXL	2008	41		2009	
GS 0659	Sugar cane	0.05			CXL	2008	41		2009	
FT 0305	Table olives	1			CXL	2008	41		2009	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2008	41		2009	
GC 0653	Triticale	0.05			CXL	2008	41		2009	
GC 0654	Wheat	0.05			CXL	2008	41		2009	
CM 0654	Wheat bran, unprocessed	0.1			CXL	2008	41		2009	

147 Methoprene

Main Uses: Insect growth regulator

JMPR:

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

Acute RfD: Unnecessary ((2005))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Methoprene.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0080	Cereal grains (group)	10	Po		CXL	2005	38		2006	
MO 0105	Edible offal (mammalian)	0.02			CXL	2005	38		2006	
PE 0112	Eggs	0.02			CXL	2005	38		2006	
PF 0111	Group of avian fats	0.02			3	2024	56			
PM 0110	Group of avian muscle	0.02			3	2024	56			
PO 0111	Group of avian, edible offal of	0.02			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.02			3	2024	56			
PE 0112	Group of eggs	0.02			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.2			3	2024	56			
ML 0106	Group of milks	0.1			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.02			3	2024	56			
OC 0645	Maize oil, crude	200	PoP		CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	2005	38		2006	
ML 0106	Milks	0.1	F		CXL	2005	38		2006	
SO 0089	Oilseed, except peanut	4	Po		CXL	2016	49		2017	
SO 0703	Peanut, whole	5	Po		CXL	2019	52		2021	
PM 0110	Poultry meat	0.02			CXL	2005	38		2006	
PO 0111	Poultry, edible offal of	0.02			CXL	2005	38		2006	
CM 1207	Rice hulls	40	PoP		CXL	2005	38		2006	
VD 0541	Soya bean (dry)	3	Po		CXL	2021	53		2022	
TN 0085	Tree nuts (group)	3	Po		3	2024	56			
CM 0654	Wheat bran, unprocessed	25	PoP		CXL	2005	38		2006	

148 Propamocarb

Main Uses: Fungicide

JMPR:

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

Acute RfD: 2 mg/kg bw ((2005))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0400	Broccoli	3			CXL	2014	47		2015	
VB 0402	Brussels sprouts	2			CXL	2014	47		2015	
VB 0041	Cabbages, head	1			CXL	2014, 2018	51	47	2019	
VB 0404	Cauliflower	2			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	1.5			CXL	2018	51		2019	
VO 0440	Eggplant	0.3			CXL	2006	39		2007	
PE 0112	Eggs	0.01 (*)			CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits (group)	5			CXL	2006	39		2007	
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	20			CXL	2014, 2018	51	47	2019	
VA 0384	Leek	30			CXL	2014	47		2015	
VL 0482	Lettuce, head	100			CXL	2006	39		2007	
VL 0483	Lettuce, leaf	100			CXL	2006	39		2007	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2018	51		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.03			CXL	2018	51		2019	
ML 0106	Milks	0.01 (*)			CXL	2018	51		2019	
VA 0385	Onion, bulb	2			CXL	2014	47		2015	
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	3			CXL	2006	39		2007	
VR 0589	Potato	0.3			CXL	2006	39		2007	
PF 0111	Poultry fats	0.01 (*)			CXL	2014	47		2015	
PM 0110	Poultry meat	0.01 (*)			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2014	47		2015	
VR 0494	Radish	1			CXL	2006	39		2007	
VL 0502	Spinach	40			CXL	2006	39		2007	
VO 0448	Tomato	2			CXL	2006	39		2007	
VL 2832	Witloof chicory (sprouts)	2			CXL	2006	39		2007	

149 Ethoprophos

Main Uses: Insecticide

JMPR:

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.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI 0327	Banana	0.02			CXL	2004	37		2005	
VC 0424	Cucumber	0.01			CXL	2004	37		2005	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2004	37		2005	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2004	37		2005	
VC 0046	Melons (except watermelon)	0.02			CXL	2004	37		2005	
ML 0106	Milks	0.01 (*)			CXL	2004	37		2005	
HS 0444	Peppers chili, dried	0.2			CXL	2004	38	37	2006	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.05			CXL	2004	37		2005	
VR 0589	Potato	0.05			CXL	2004	37		2005	
FB 0275	Strawberry	0.02 (*)			CXL					
GS 0659	Sugar cane	0.02			CXL	2004	37		2005	
AM 0659	Sugar cane fodder	0.02 (*)			CXL					
VR 0508	Sweet potato	0.05			CXL	2004	37		2005	
VO 0448	Tomato	0.01 (*)			CXL	2004	37		2005	
VR 0506	Turnip, Garden	0.02 (*)			CXL					

151 Dimethipin

Main Uses: Plant growth regulator

JMPR:

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	2001	35		2003	
OC 0691	Cotton seed oil, crude	0.1			CXL	2001	35		2003	
OR 0691	Cotton seed oil, edible	0.1			CXL	2001	35		2003	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2001	35		2003	
PE 0112	Eggs	0.01 (*)			CXL	2001	35		2003	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2001	35		2003	
ML 0106	Milks	0.01 (*)			CXL	2001	34		2003	
VR 0589	Potato	0.05 (*)			CXL	2001	35		2003	
PM 0110	Poultry meat	0.01 (*)			CXL	2001	35		2003	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2001	35		2003	
SO 0495	Rape seed	0.2			CXL	2001	35		2003	
SO 0702	Sunflower seed	1			CXL	2001	35		2003	

155 Benalaxyl

Main Uses: Fungicide

JMPR:

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	Grapes	0.3			CXL	2009	42		2010	
VL 0482	Lettuce, head	1			CXL	2009	42		2010	
VC 0046	Melons (except watermelon)	0.3			CXL	2009	42		2010	
VA 0385	Onion, bulb	0.02 (*)			CXL	2009	42		2010	
VR 0589	Potato	0.02 (*)			CXL	2009	42		2010	
VO 0448	Tomato	0.2			CXL	2009	42		2010	
VC 0432	Watermelon	0.1			CXL	2009	42		2010	

156 Clofentezine

Main Uses: Acaricide

JMPR:

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	2007	40		2008	
FC 0001	Citrus fruits (group)	0.5			CXL	2007	40		2008	
VC 0424	Cucumber	0.5			CXL	2007	40		2008	
FB 0021	Currants, black, red, white	0.2			CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2007	40		2008	
PE 0112	Eggs	0.05 (*)			CXL	2007	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2007	40		2008	
FB 0269	Grapes	2			CXL	2007	40		2008	
DH 1100	Hops, dry	7			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2007	40		2008	
VC 0046	Melons (except watermelon)	0.1			CXL	2007	40		2008	
ML 0106	Milks	0.05 (*)			CXL	2007	40		2008	
FP 0009	Pome fruits (group)	0.5			CXL	2007	40		2008	
PM 0110	Poultry meat	0.05 (*)			CXL	2007	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2007	40		2008	Residues are not expected as dietary burden in poultry is zero (JMPR2007)
FS 0012	Stone fruits (group)	0.5			CXL	2007	40		2008	
FB 0275	Strawberry	2			CXL	2007	40		2008	
VO 0448	Tomato	0.5			CXL	2007	40		2008	
TN 0085	Tree nuts (group)	0.5			CXL	2007	40		2008	

157 Cyfluthrin/beta-cyfluthrin

Main Uses: Insecticide

JMPR:

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			CXL	2007	40		2008	
VB 0041	Cabbages, head	0.08			CXL	2007,2012	45	43	2013	
VB 0404	Cauliflower	2			CXL	2007	40		2008	
FC 0001	Citrus fruits (group)	0.3			CXL	2007	40		2008	
AB 0001	Citrus pulp, dried	2			CXL	2007	40		2008	
SO 0691	Cotton seed	0.7			CXL	2007	40		2008	
OC 0691	Cotton seed oil, crude	1			CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.02			CXL	2012	45		2013	
VO 0440	Eggplant	0.2			CXL	2007	40		2008	
PE 0112	Eggs	0.01 (*)			CXL	2007	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2012	45		2013	
ML 0106	Milks	0.01			CXL	2012	45		2013	
FP 0230	Pear	0.1			CXL	2007	40		2008	
VO 0051	Peppers (subgroup)	0.2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2007	40		2008	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	1			CXL	2007	40		2008	
VR 0589	Potato	0.01 (*)			CXL	2007	40		2008	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2007	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0495	Rape seed	0.07			CXL	2007	40		2008	
VD 0541	Soya bean (dry)	0.03			CXL	2012	45		2013	
AL 0541	Soya bean, hay and/or straw	4			CXL	2012	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	2007	40		2008	

158 Glyphosate

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2011))

Residue: For compliance with MRL for plant commodities - for soya bean, maize and rape: Sum of glyphosate and N-acetylglyphosate, expressed as glyphosate, for other crops: Glyphosate. For compliance with MRL for animal commodities: Sum of glyphosate and N-acetylglyphosate, expressed as glyphosate. For estimation of dietary intake) for plant and animal commodities: glyphosate, N-acetylglyphosate, AMPA and N-acetyl AMPA, expressed as glyphosate. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	500			CXL	2005	38		2006	
FI 0327	Banana	0.05 (*)			CXL	2005	38		2006	
AS 0640	Barley, hay and/or straw	400			CXL	2005	38		2006	
AL 0061	Bean, hay and/or straw	200			CXL	2005	38		2006	
GC 0080	Cereal grains (group)	30		Except maize and rice.	CXL	2005	38		2006	
SO 0691	Cotton seed	40			CXL	2005	38		2006	
VD 2065	Dry beans (subgroup)	15		Except soya beans.	CXL	2019	52		2021	
VD 2066	Dry peas				(subgroup)		10		CXL	2019 52 2021
MO 0105	Edible offal (mammalian)	5		Except pigs.	CXL	2005	38		2006	
PE 0112	Eggs	0.05 (*)			CXL	2005	38		2006	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	500			CXL	2005	38		2006	
GC 0645	Maize	5			CXL	2005	38		2006	
AS 0645	Maize fodder (dry)	150			CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2005	38		2006	
ML 0106	Milks	0.05 (*)			CXL	2005	38		2006	
AS 0647	Oat straw and fodder, dry	100			CXL	2005	38		2006	
AL 0072	Pea, hay and/or straw	500			CXL	2005	38		2006	
MO 0818	Pig, edible offal of	0.5			CXL	2005	38		2006	
PM 0110	Poultry meat	0.05 (*)			CXL	2005	38		2006	
PO 0111	Poultry, edible offal of	0.5			CXL	2005	38		2006	
SO 0495	Rape seed	30			CXL	2013	46		2014	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0651	Sorghum straw and fodder, dry	50			CXL	2005	38		2006	
VD 0541	Soya bean (dry)	20			CXL	2005	38		2006	
VR 0596	Sugar beet	15			CXL	2011	44		2012	
GS 0659	Sugar cane	2			CXL	2005	38		2006	
DM 0659	Sugar cane molasses	10			CXL	2005	38		2006	
SO 0702	Sunflower seed	7			CXL	2005	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	3			CXL	2011	44		2012	
CM 0654	Wheat bran, unprocessed	20			CXL	2005	38		2006	
AS 0654	Wheat, hay and/or straw	300			CXL	2005	38		2006	

159 Vinclozolin

Main Uses: Fungicide

JMPR:

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:

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

Acute RfD: 0.3 mg/kg bw ((2004))

Residue: For compliance with the MRL for plant and animal commodities: Propiconazole. For the estimation of dietary exposure / for dietary risk assessment for plant and animal commodities: Propiconazole plus all metabolites convertible to 2,4-dichloro-benzoic acid, expressed as propiconazole. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.01			CXL	2023	55		2024	
FI 0327	Banana	0.1			CXL	2007	40		2008	
GC 0640	Barley	2			CXL	2015	48		2016	
AS 0640	Barley, hay and/or straw	8			CXL	2014	47		2015	
FS 0013	Cherries (subgroup)	3	Po		CXL	2018	51		2019	
SB 0716	Coffee beans	0.02			CXL	2007	40		2008	
FB 0265	Cranberry	0.3			CXL	2006, 2007	40	39	2008	
MO 0105	Edible offal (mammalian)	0.2			CXL	2023	55		2024	
PE 0112	Eggs	0.01 (*)			CXL	2023	55		2024	
PF 0111	Group of avian fats	0.01 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.01 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.2			3	2024	56			
PE 0112	Group of eggs	0.01 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.05			3	2024	56			
ML 0106	Group of milks	0.01 (*)			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01 (*)			3	2024	56			
FC 0002	Lemons and limes (including citron) (subgroup)	10	Po		CXL	2018	51		2019	
GC 0645	Maize	0.05			CXL	2007	40		2008	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	10	Po		CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2023	55		2024	
ML 0106	Milks	0.01	(*)		CXL	2023	55		2024	
AS 0647	Oat straw and fodder, dry	8			CXL	2014	47		2015	
GC 0647	Oats	0.7			CXL	2015	48		2016	
OR 0004	Orange oil, edible	1850			CXL	2018	51		2019	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	10	Po		CXL	2018	51		2019	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	4	Po		CXL	2019	52		2021	
SO 0697	Peanut	0.03			CXL	2023	55		2024	
AL 0697	Peanut, hay and/or straw	50	(dw)		CXL	2023	55		2024	
TN 0672	Pecan	0.02	(*)		CXL	2007	40		2008	
FI 0353	Pineapple	2	Po		CXL	2018	51		2019	
FS 0014	Plums (including fresh prunes) (subgroup)	0.4	Po		CXL	2018	51		2019	
GC 0656	Popcorn	0.05			CXL	2007	40		2008	
PF 0111	Poultry fats	0.01	(*)		CXL	2023	55		2024	
PM 0110	Poultry meat	0.01	(*)		CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2023	55		2024	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	4	Po		CXL	2018	51		2019	
SO 0495	Rape seed	0.02			CXL	2007	40		2008	
GC 0649	Rice	30			CXL	2023	55		2024	
CF 0649	Rice bran, processed	80			CXL	2023	55		2024	
AS 3570	Rice, hulls	80			CXL	2023	55		2024	
CM 0649	Rice, husked	4			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CM 1205	Rice, polished	10			4	2023	55			CCPR agreed to retain the proposed MRL for rice, polished, at Step 4, awaiting further clarification from JMPR (55:141-144, 146).
CM 1205	Rice, polished	3			3	2024	56			
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	2007	40		2008	
AL 0541	Soya bean, hay and/or straw	5			CXL	2007	40		2008	
VR 0596	Sugar beet	0.02			CXL	2007	40		2008	
GS 0659	Sugar cane	0.02	(*)		CXL	2007	40		2008	
VO 0447	Sweet corn (corn-on-the-cob)	0.05			CXL	2007	40		2008	
VO 0448	Tomato	3	Po		CXL	2013	46		2014	
GC 0653	Triticale	0.09			CXL	2015	48		2016	
AS 0653	Triticale, hay and/or straw	15			CXL	2014	47		2015	
GC 0654	Wheat	0.09			CXL	2015	48		2016	
AS 0654	Wheat, hay and/or straw	15			CXL	2014	47		2015	

165 Flusilazole

Main Uses: Fungicide

JMPR:

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0240	Apricot	0.2			CXL	2007	40		2008	
FI 0327	Banana	0.03			CXL	2007	40		2008	
GC 0080	Cereal grains (group)	0.2		Except rice.	CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	2			CXL	2007	41	40	2009	
PE 0112	Eggs	0.1			CXL	2007	40		2008	
AB 0269	Grape pomace, dried	2			CXL	2007	40		2008	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.3			CXL	2007	40		2008	
FB 0269	Grapes	0.2			CXL	2007	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	1 (fat)			CXL	2007	40		2008	
ML 0106	Milks	0.05			CXL	2007	40		2008	
FS 0245	Nectarine	0.2			CXL	2007	41	40	2009	
FS 0247	Peach	0.2			CXL	2007	41	40	2009	
FP 0009	Pome fruits (group)	0.3			CXL	2007	41	40	2009	
PM 0110	Poultry meat	0.2			CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.2			CXL	2007	40		2008	
SO 0495	Rape seed	0.1			CXL	2007	40		2008	
VD 0541	Soya bean (dry)	0.05			CXL	2007	40		2008	
AB 0541	Soya bean hulls	0.05			CXL	2007	40		2008	
OR 0541	Soya bean oil, refined	0.1			CXL	2007	40		2008	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	5		Except rice.	CXL	2007	40		2008	
VR 0596	Sugar beet	0.05			CXL	2007	40		2008	
SO 0702	Sunflower seed	0.1			CXL	2007	40		2008	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2007	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0447	Sweet corn fodder	2			CXL	2007	40		2008	

166 Oxydemeton-Methyl

Main Uses: Insecticide

JMPR:

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.02 (*)			CXL	2004	38	32-37	2006	
AS 0640	Barley, hay and/or straw	0.1			CXL	2004	38	32,34-37	2006	
MF 0812	Cattle fat	0.05 (*)			CXL	1998	38	32-37	2006	
VB 0404	Cauliflower	0.01 (*)			CXL	2004	38	37	2006	
VD 0526	Common bean (dry)	0.1			CXL	1998	38	32-37	2006	
SO 0691	Cotton seed	0.05			CXL	1998	38	32-37	2006	
PE 0112	Eggs	0.05 (*)			CXL	1998	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	1998	38	32-34,36,37	2006	
VB 0405	Kohlrabi	0.05			CXL	1998	38	32-37	2006	
FC 0204	Lemon	0.2			CXL	1998	38	32-37	2006	
MM 0097	Meat of cattle, pigs & sheep	0.05 (*)			CXL	1998	38	32-37	2006	
ML 0106	Milks	0.01 (*)			CXL	1998	38	32-37	2006	
FP 0230	Pear	0.05			CXL	1998	38	32-37	2006	
MF 0818	Pig fat	0.05 (*)			CXL	1998	38	32-37	2006	
VR 0589	Potato	0.01 (*)			CXL	2004	38	32-37	2006	
PF 0111	Poultry fats	0.05 (*)			CXL	1998	38	32-37	2006	
PM 0110	Poultry meat	0.05 (*)			CXL	1998	38	32-37	2006	
GC 0650	Rye	0.02 (*)			CXL	2004	38	32-37	2006	
AS 0650	Rye straw and fodder, dry	0.1			CXL	2004	38	32,34-37	2006	
MF 0822	Sheep fat	0.05 (*)			CXL	1998	38	32-37	2006	
VR 0596	Sugar beet	0.01 (*)			CXL	2004	38	32-37	2006	
GC 0654	Wheat	0.02 (*)			CXL	2004	38	32-37	2006	
AS 0654	Wheat, hay and/or straw	0.1			CXL	2004	38	32,34-37	2006	

167 Terbufos

Main Uses: Nematocide

JMPR:

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: 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	2005	38		2006	
SB 0716	Coffee beans	0.05 (*)			CXL	2005	38		2006	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2005	38		2006	
PE 0112	Eggs	0.01 (*)			CXL	2005	38		2006	
GC 0645	Maize	0.01 (*)			CXL	2005	38		2006	
AS 0645	Maize fodder (dry)	0.2			CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2005	38		2006	
ML 0106	Milks	0.01 (*)			CXL	2005	38		2006	
PM 0110	Poultry meat	0.05 (*)			CXL	2005	38		2006	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2005	38		2006	
GC 0651	Sorghum grain	0.01 (*)			CXL	2005	38		2006	
AS 0651	Sorghum straw and fodder, dry	0.3 (dw)			CXL	2005	38		2006	
VR 0596	Sugar beet	0.02			CXL	2005	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	0.01			CXL	2005	38		2006	

168 Triadimenol

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.08 mg/kg bw ((2004))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3		Based on triadimenol use only.	CXL	2007	40		2008	
VS 0620	Artichoke, globe	0.7		Based on triadimenol use only.	CXL	2007	40		2008	
FI 0327	Banana	1		Based on triadimenol use only.	CXL	2007	41	40	2009	
GC 0080	Cereal grains (group)	0.2		Except maize and rice. Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
SB 0716	Coffee beans	0.5		Based on triadimenol use only.	CXL	2007	40		2008	
FB 0021	Currants, black, red, white	0.7			CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
PE 0112	Eggs	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2		Based on triadimefon and triadimenol uses.	CXL	2007	41	40	2009	

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO	0050	Fruiting vegetables, other than cucurbits (group)	1		Except fungi and sweet corn. Based on triadimenol use only.	CXL	2007	41	40	2009	
DF	0269	Grape, dried (= Currants, Raisins and Sultanias)	1	TN	Based on triadimenol uses.	CXL	2014	47		2015	
FB	0269	Grapes	0.3			CXL	2014	47		2015	
MM	0095	Meat (from mammals other than marine mammals)	0.02		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
ML	0106	Milks	0.01 (*)	F	Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
HS	0444	Peppers chili, dried	5		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
FI	0353	Pineapple	5	Po	Based on triadimenol use only.	CXL	2007	40		2008	
PM	0110	Poultry meat	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
PO	0111	Poultry, edible offal of	0.01 (*)		Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
AS	0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	5		Except maize. Based on triadimefon and triadimenol uses.	CXL	2007	40		2008	
FB	0275	Strawberry	0.7		Based on triadimenol use only.	CXL	2007	40		2008	
VR	0596	Sugar beet	0.05 (*)		Based on triadimenol use only.	CXL	2007	40		2008	

169 Cyromazine

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2006))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	3			CXL	2007	40		2008	
VD 0071	Bean (dry)	3			CXL	2007	40		2008	
VB 0400	Broccoli	1			CXL	2007	40		2008	
VS 0624	Celery	4			CXL	2007	40		2008	
VD 0524	Chick-pea (dry)	3			CXL	2012	45		2013	
VC 0424	Cucumber	2			CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.3			CXL	2007	40		2008	
PE 0112	Eggs	0.3			CXL	2007	40		2008	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1		Except mushrooms and sweet corn (corn-on-the-cob).	CXL	2007	40		2008	
VD 0533	Lentil (dry)	3			CXL	2012	45		2013	
VL 0482	Lettuce, head	4			CXL	2007	40		2008	
VL 0483	Lettuce, leaf	4			CXL	2007	40		2008	
VP 0534	Lima bean (young pods and/or immature beans)	1			CXL	2007	40		2008	
VD 0545	Lupin (dry)	3			CXL	2012	45		2013	
FI 0345	Mango	0.5			CXL	2007	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.3			CXL	2007	40		2008	
VC 0046	Melons (except watermelon)	0.5			CXL	2007	40		2008	
ML 0106	Milks	0.01			CXL	2007	40		2008	
VO 0450	Mushrooms	7			CXL	2007	40		2008	
VL 0485	Mustard greens	10			CXL	2007	40		2008	
VA 0385	Onion, bulb	0.1			CXL	2007	40		2008	
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
PM 0110	Poultry meat	0.1			CXL	2007	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, edible offal of	0.2			CXL	2007	40		2008	
VA 0389	Spring onion	3			CXL	2007	40		2008	
VC 0431	Squash, summer	2			CXL	2007	40		2008	

171 Profenofos

Main Uses: Insecticide

JMPR:

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

Acute RfD: 1.0 mg/kg bw ((2007))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0775	Cardamom	3			CXL	2015	48		2016	
SB 0716	Coffee beans	0.04			CXL	2018	51		2019	
HS 0779	Coriander, seed	0.1			CXL	2015	48		2016	
SO 0691	Cotton seed	3			CXL	2008	41		2009	
HS 0780	Cumin seed	5			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2008	41		2009	
PE 0112	Eggs	0.02 (*)			CXL	2008	41		2009	
HS 0731	Fennel, seed	0.1			CXL	2015	48		2016	
FI 0345	Mango	0.2			CXL	2008	41		2009	
FI 0346	Mangostan	10			CXL	2008	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2008	41		2009	
ML 0106	Milks	0.01 (*)			CXL	2008	41		2009	
VO 0444	Peppers chili	3			CXL	2011	44		2012	
HS 0444	Peppers chili, dried	20			CXL	2011	44		2012	
PM 0110	Poultry meat	0.05 (*)			CXL	2008	41		2009	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2008	41		2009	
HS 0191	Spices, fruits and berries	0.07		Except cardamom.	CXL	2015	48		2016	
HS 0193	Spices, roots and rhizomes	0.05			CXL	2010	43		2011	
VO 0448	Tomato	10			CXL	2008	41		2009	

172 Bentazone

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.5 mg/kg bw ((2016))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	0.5			CXL	2013	46		2014	
AS 0640	Barley, hay and/or straw	0.3			CXL	2013	46		2014	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.01 (*)		Green pods and immature seeds.	CXL	2013	46		2014	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.01 (*)		Succulent=immature seeds.	CXL	2013	46		2014	
GC 0080	Cereal grains (group)	0.01 (*)			CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.5			CXL	2018	51		2019	
VD 2066	Dry peas				(subgroup)		0.5		CXL	2018 51 2019
MO 0105	Edible offal (mammalian)	0.04			CXL	2018	51		2019	
PE 0112	Eggs	0.01 (*)			CXL	2013	46		2014	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	2			CXL	2013	46		2014	
HH 0092	Herbs	0.1			CXL	2013	46		2014	
SO 0693	Linseed	0.02 (*)			CXL	2013	46		2014	
AS 0645	Maize fodder (dry)	0.4			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2018	51		2019	
ML 0106	Milks	0.01 (*)			CXL	2018	51		2019	
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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
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, hay and/or straw	0.3			CXL	2013	46		2014	
AS 0654	Wheat, hay and/or straw	0.3			CXL	2013	46		2014	

173 Buprofezin

Main Uses: Insecticide

JMPR:

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.

Note: Aniline

ADI: 0-0.02 mg/kg bw

ARfD: 0.02 mg/kg bw

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	2019	52		2021	
FP 0226	Apple	3			CXL	2009	42		2010	
FI 0326	Avocado	0.1			CXL	2016	49	2017		
FI 0327	Banana	0.3			CXL	2012	45		2013	
HH 0722	Basil, leaves	1.5			CXL	2016	49		2017	
FS 0013	Cherries (subgroup)	2			CXL	2009	42			
FC 0001	Citrus fruits (group)	1			CXL	2008	45	41	2013	
OR 0001	Citrus oil, edible	6			CXL	2019	52		2021	
AB 0001	Citrus pulp, dried	5			CXL	2019	52		2021	
SB 0716	Coffee beans	0.4			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2009	42		2010	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
VC 0045	Fruiting vegetables, cucurbits (group)	0.7			CXL	2009	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2009	42		2010	
FB 0269	Grapes	1			CXL	2009	42		2010	
PF 0111	Group of avian fats	0.05 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.05 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.05 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.05 (*)			3	2024	56			
PE 0112	Group of eggs	0.05 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.05 (*)			3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Group of milks	0.01 (*)			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.05 (*)			3	2024	56			
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
FI 0345	Mango	0.1			CXL	2008	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2009	42		2010	
ML 0106	Milks	0.01 (*)			CXL	2009	42		2010	
FS 0245	Nectarine	9			CXL	2009	42		2010	
OC 0305	Olive oil, virgin	20			CXL	2019	52		2021	
FS 0247	Peach	9			CXL	2009	42		2010	
FP 0230	Pear	6			CXL	2009	42		2010	
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2009	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
VO 0444	Peppers chili	10			CXL	2009	42		2010	
HS 0444	Peppers chili, dried	10			CXL	2008	41		2009	
FS 0014	Plums (including fresh prunes) (subgroup)	2			CXL	2009	42		2010	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01			CXL	2019	52		2021	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2016	49		2017	
FB 0275	Strawberry	3			CXL	2009	42		2010	
FT 0305	Table olives	5			CXL	2009	42		2010	
DT 1116	Tea, green	30			CXL	2012	45		2013	
VO 0448	Tomato	1			CXL	2008	41		2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN 0085	Tree nuts (group)	0.05 (*)			CXL	2019	52		2021	

174 Cadusafos

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.001 mg/kg bw ((2009))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0327 Banana	0.01			CXL	2010	43		2011	

175 Glufosinate-Ammonium

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.01 mg/kg bw ((2012))

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

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

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)	0.05			CXL	2012	45		2013	
ML 0106	Milks	0.02 (*)			CXL	2012	45		2013	
VA 0385	Onion, bulb	0.05			CXL	2012	45		2013	
FP 0009	Pome fruits (group)	0.1			CXL	2012	45		2013	
VR 0589	Potato	0.1			CXL	2012	45		2013	
PM 0110	Poultry meat	0.05 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.1 (*)			CXL	2012	45		2013	
DF 0014	Prunes	0.3			CXL	2012	45		2013	
SO 0495	Rape seed	1.5			CXL	2012	45		2013	
OC 0495	Rape seed oil, crude	0.05 (*)			CXL	2012	45		2013	
FB 0272	Raspberries, red, black	0.1			CXL	2012	45		2013	
GC 0649	Rice	0.9			CXL	2012	45		2013	
AS 0649	Rice, hay and/or straw	2			CXL	2012	45		2013	
VD 0541	Soya bean (dry)	2			CXL	2014	47		2015	
FS 0012	Stone fruits (group)	0.15			CXL	2012	45		2013	
FB 0275	Strawberry	0.3			CXL	2012	45		2013	
VR 0596	Sugar beet	1.5			CXL	2012	45		2013	
DM 0596	Sugar beet molasses	8			CXL	2012	45		2013	
TN 0085	Tree nuts (group)	0.1			CXL	2012	45		2013	

176 Hexythiazox

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2008))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 2005	Cane berries (subgroup)	4			3	2024	56			
FC 0001	Citrus fruits (group)	0.5			CXL	2009	42		2010	
FT 0295	Date	2			CXL	2009	42		2010	
MO 0105	Edible offal (mammalian)	0.05			CXL	2009	42		2010	
VO 0440	Eggplant	0.1			CXL	2009	42		2010	
PE 0112	Eggs	0.05			CXL	2009	42		2010	
VC 0045	Fruiting vegetables, cucurbits (group)	0.05		Except watermelon.	CXL	2009	42		2010	
AB 0269	Grape pomace, dried	15			CXL	2009	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1			CXL	2009	42		2010	
FB 0269	Grapes	1			CXL	2009	42		2010	
PF 0111	Group of avian fats	0.05			3	2024	56			
PM 0110	Group of avian muscle	0.05 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.05			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.05			3	2024	56			
PE 0112	Group of eggs	0.05			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.05			3	2024	56			
FM 0106	Group of milk fats	0.05			3	2024	56			
ML 0106	Group of milks	0.05			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.05 (*)			3	2024	56			
MU 1100	Hops, dried	20			3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DH 1100	Hops, dry	3			CXL	2011	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2009	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(fat)	CXL	2009	42		2010	
FM 0183	Milk fats	0.05			CXL	2009	42		2010	
ML 0106	Milks	0.05			CXL	2009	42		2010	
FP 0009	Pome fruits (group)	0.4			CXL	2009	42		2010	
PM 0110	Poultry meat	0.05		(*) (fat)	CXL	2009	42		2010	
PO 0111	Poultry, edible offal of	0.05			CXL	2009	42		2010	
DF 0014	Prunes	1			CXL	2009	42		2010	
FS 0012	Stone fruits (group)	0.3			CXL	2009	42		2010	
FB 0275	Strawberry	6			CXL	2011	45	44	2013	
DT 1114	Tea, green, black (black, fermented and dried)	15			CXL	2011	44		2012	
VO 0448	Tomato	0.1			CXL	2009	42		2010	
TN 0085	Tree nuts (group)	0.05		(*)	CXL	2009	42		2010	

177 Abamectin

Main Uses: Acaricide and Insecticide

JMPR:

ADI: 0–0.001 mg/kg bw (2015)

Acute RfD: 0.003 mg/kg bw ((2015))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.2			CXL	2015	48		2016	
FI 0326	Avocado	0.015			CXL	2015	48		2016	
VD 0071	Bean (dry)	0.005			CXL	2015	48		2016	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.08		Immature beans with pods.	CXL	2015	48		2016	
FB 2005	Cane berries (subgroup)	0.2			CXL	2018	51		2019	
VS 0624	Celery	0.03			CXL	2015	48		2016	
FS 0013	Cherries (subgroup)	0.07			CXL	2015	48		2016	
DH 2605	Chive, dried	0.08			CXL	2018	51		2019	
FC 0001	Citrus fruits (group)	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	
VO 0440	Eggplant	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	0.05			CXL	2018	51		2019	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.1			CXL	2018	51		2019	
FB 0269	Grapes	0.03			CXL	2018	51		2019	
VA 2032	Green onions (subgroup)	0.01			CXL	2018	51		2019	
HH 2095	Herbs	0.015			CXL	2018	51		2019	
DH 1100	Hops, dry	0.15			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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0647	Oat straw and fodder, dry				CXL					
VA 0385	Onion, bulb	0.005			CXL	2015	48		2016	
OR 0004	Orange oil, edible	0.1			CXL	2018	51		2019	
FI 0350	Papaya	0.015			CXL	2015	48		2016	
FS 2001	Peaches (including apricots and nectarine) (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 pimienta)	0.09			CXL	2015	48		2016	
FI 0353	Pineapple	0.002 (*)			CXL	2018	51		2019	
FS 0014	Plums (including fresh prunes) (subgroup)	0.005			CXL	2015	48		2016	
FP 0009	Pome fruits (group)	0.01			CXL	2015	48		2016	
VR 0589	Potato	0.005 (*)			CXL	2015	48		2016	
AS 0649	Rice, hay and/or straw	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	
VD 0541	Soya bean (dry)	0.002 (*)			CXL	2018	51		2019	
FB 0275	Strawberry	0.15			CXL	2015	48		2016	
VP 2062	Succulent beans without pods (subgroup)	0.002 (*)			CXL	2018	51		2019	
GC 2090	Sweet corns (subgroup)	0.002			CXL	2018	51		2019	
VR 0508	Sweet potato	0.005 (*)			CXL	2015	48		2016	
VO 0448	Tomato	0.05			CXL	2015	48		2016	
TN 0085	Tree nuts (group)	0.005 (*)			CXL	2015	48		2016	
VR 0600	Yams	0.005 (*)			CXL	2015	48		2016	

178 Bifenthrin

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: 0.01 mg/kg bw ((2009))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.5			CXL	2022	54		2023	
FI 0327	Banana	0.1			CXL	2010	43		2011	
FB 0264	Blackberries	1			CXL	2010	43		2011	
FB 0020	Blueberries	3			CXL	2015	48		2016	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.4			CXL	2010	43		2011	
FC 0001	Citrus fruits (group)	0.05			CXL	2010	43		2011	
SO 0691	Cotton seed	0.5			CXL	2010	43		2011	
FB 0266	Dewberries (including boysenberry and loganberry)	1			CXL	2010	43		2011	
MO 0105	Edible offal (mammalian)	0.2			CXL	2010	43		2011	
VO 2046	Eggplants (subgroup)	0.4			CXL	2022	54		2023	
FB 0269	Grapes	0.3			CXL	2015	48		2016	
DH 1100	Hops, dry	20			CXL	2010	43		2011	
GC 0645	Maize	0.05 (*)			CXL	2010	43		2011	
AS 0645	Maize fodder (dry)	15			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	3 (fat)			CXL	2010	43		2011	
FM 0183	Milk fats	3			CXL	2010	43		2011	
ML 0106	Milks	0.2			CXL	2010	43		2011	
VL 0485	Mustard greens	4			CXL	2010	43		2011	
AL 0072	Pea, hay and/or straw	0.7			CXL	2010	43		2011	
SO 0697	Peanut	0.05 (*)			CXL	2022			2023	
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	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0051	Peppers (subgroup)	0.4		MRL provisionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	4			CXL	2022	54		2023	
FI 0355	Pomegranate	0.5			CXL	2022	54		2023	
VD 0070	Pulses (group)	0.3			CXL	2010	43		2011	
VL 0494	Radish leaves (including radish tops)	4			CXL	2010	43		2011	
SO 0495	Rape seed	0.05			CXL	2010	43		2011	
OR 0495	Rape seed oil, edible	0.1			CXL	2010	43		2011	
FB 0272	Raspberries, red, black	1			CXL	2010	43		2011	
VR 0075	Root and tuber vegetables (group)	0.05			CXL	2010	43		2011	
HS 0191	Spices, fruits and berries	0.03			CXL	2010	43		2011	
HS 0193	Spices, roots and rhizomes	0.05			CXL	2010	43		2011	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	1	(dw)		CXL	2019	52		2021	
DT 1114	Tea, green, black (black, fermented and dried)	30			CXL	2010	43		2011	
VO 0448	Tomato	0.3			CXL	2010	43		2011	
TN 0085	Tree nuts (group)	0.05			CXL	2010	43		2011	
GC 0654	Wheat	0.5	Po		CXL	2010	43		2011	
CM 0654	Wheat bran, unprocessed	2	PoP		CXL	2010	43		2011	
CF 1210	Wheat germ	1	Po		CXL	2010	43		2011	

179 Cycloxydim

Main Uses: Herbicide

JMPR:

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Bean (dry)	30			CXL	2012	45		2013	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	15		Green pods & immature seeds.	CXL	2012	45		2013	
VR 0574	Beetroot	0.2			CXL	2012	45		2013	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	9			CXL	2012	45		2013	
VR 0577	Carrot	5			CXL	2012	45		2013	
VR 0578	Celeriac	1			CXL	2012	45		2013	
MO 0105	Edible offal (mammalian)	0.5			CXL	2012	45		2013	
PE 0112	Eggs	0.15			CXL	2012	45		2013	
FB 0269	Grapes	0.3			CXL	2012	45		2013	
VL 4355	Kale, curly	3			CXL	2012	45		2013	
VA 0384	Leek	4			CXL	2012	45		2013	
VL 0482	Lettuce, head	1.5			CXL	2012	45		2013	
VL 0483	Lettuce, leaf	1.5			CXL	2012	45		2013	
SO 0693	Linseed	7			CXL	2012	45		2013	
GC 0645	Maize	0.2			CXL	2012	45		2013	
AS 0645	Maize fodder (dry)	2			CXL	2012	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.06			CXL	2012	45		2013	
ML 0106	Milks	0.02			CXL	2012	45		2013	
VA 0385	Onion, bulb	3			CXL	2012	45		2013	
VD 0072	Peas (dry)	30			CXL	2012	45		2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP 0064	Peas, shelled (succulent seeds)	15			CXL	2012	45		2013	
VO 0051	Peppers (subgroup)	9		MRL provisionally applies to okra, martynia, and roselle.	CXL	2012	45		2013	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	90			CXL	2012	45		2013	
FP 0009	Pome fruits (group)	0.09 (*)			CXL	2012	45		2013	
VR 0589	Potato	3			CXL	2012	45		2013	
PF 0111	Poultry fats	0.03 (*)			CXL	2012	45		2013	
PM 0110	Poultry meat	0.03 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.02			CXL	2012	45		2013	
SO 0495	Rape seed	7			CXL	2012	45		2013	
GC 0649	Rice	0.09 (*)			CXL	2012	45		2013	
AS 0649	Rice, hay and/or straw	0.09			CXL	2012	45		2013	
VD 0541	Soya bean (dry)	80			CXL	2012	45		2013	
FS 0012	Stone fruits (group)	0.09 (*)			CXL	2012	45		2013	
FB 0275	Strawberry	3			CXL	2012	45		2013	
VR 0596	Sugar beet	0.2			CXL	2012	45		2013	
SO 0702	Sunflower seed	6			CXL	2012	45		2013	
VR 0497	Swede	0.2			CXL	2012	45		2013	
VO 0448	Tomato	1.5			CXL	2012	45		2013	

180 Dithianon

Main Uses: Fungicide

JMPR:

ADI: 0.01 mg/kg bw (2010)

Acute RfD: 0.1 mg/kg bw ((2010))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN 0660	Almonds	0.05 (*)			CXL	2013	46		2014	
FB 0021	Currants, black, red, white	2			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2013	46		2014	
PE 0112	Eggs	0.01 (*)			CXL	2013	46		2014	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	3.5			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 (group)	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 (group)	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:

ADI: 0.03 mg/kg bw (2014)

Acute RfD: 0.3 mg/kg bw ((2014))

Residue: For compliance with the MRL) for plant and animal commodities: Myclobutanil. For estimation of dietary intake for and animal commodities: Myclobutanil. For estimation of dietary intake) for plant commodities: Sum of myclobutanil, α -(4-chlorophenyl)- α -(3-hydroxybutyl)-1H-1,2,4-triazole-1-propanenitrile (RH-9090) and its conjugates, expressed as myclobutanil. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.8			CXL	2014	47		2015	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.05			CXL	2014	47		2015	
VA 0035	Bulb vegetables (group)	0.06			CXL	2014	47		2015	
FS 0013	Cherries (subgroup)	3			CXL	2014	47		2015	
FB 0021	Currants, black, red, white	0.9			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 (group)	0.2			CXL	2014	47		2015	
DF 0269	Grape, dried (= Currants, Raisins and Sultanias)	6			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 (group)	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 apricots and nectarine) (subgroup)	3			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2014	47		2015	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	20			CXL	2014	47		2015	
FS 0014	Plums (including fresh prunes) (subgroup)	2			CXL	2014	47		2015	
FP 0009	Pome fruits (group)	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 (group)	0.06			CXL	2014	47		2015	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.3			CXL	2014	47		2015	
FB 0275	Strawberry	0.8			CXL	2014	47		2015	
VO 0448	Tomato	0.3			CXL	2014	47		2015	

182 Penconazole

Main Uses: Fungicide

JMPR:

ADI: 0–0.03 mg/kg bw (2015)

Acute RfD: 0.8 mg/kg bw ((2015))

Residue: For compliance with the MRL for plant and animal commodities: Penconazole. For dietary risk assessment) for plant commodities: Sum of penconazole and 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentan-2-ol (free and conjugated), expressed as penconazole. For dietary risk assessment) for animal commodities: Sum of penconazole, 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentan-2-ol (free and conjugated) and 4-(2,4-dichloro-phenyl)-5-[1,2,4]triazol-1-yl-pentanoic acid, expressed as penconazole. The residue is fat soluble.

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			CXL	2016	49		2017	
VS 0620	Artichoke, globe	0.06			CXL	2016	49		2017	
VC 0424	Cucumber	0.06			CXL	2016	49		2017	
FB 0278	Currant, black	2			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2016	49		2017	
VO 0440	Eggplant	0.09			CXL	2016	49		2017	
PE 0112	Eggs	0.05 (*)			CXL	2016	49		2017	
VC 0425	Gherkin	0.06			CXL	2016	49		2017	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1.5			CXL	2016	49		2017	
FB 0269	Grapes	0.4			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.05 (*)			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2016	49		2017	
VC 0046	Melons (except watermelon)	0.15			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.08			CXL	2016	49		2017	
FP 0230	Pear	0.1			CXL	2016	49		2017	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.2			CXL	2016	49		2017	
PM 0110	Poultry meat	0.05 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC 0431	Squash, summer	0.06			CXL	2016	49		2017	
FB 0275	Strawberry	0.5			CXL	2016	49		2017	
VO 0448	Tomato	0.09			CXL	2016	49		2017	

184 Etofenprox

Main Uses: Insecticide

JMPR:

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

Acute RfD: 1 mg/kg bw ((2011))

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

The residue is fat soluble.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.6			CXL	2011	44		2012	
VD 0071	Bean (dry)	0.05			CXL	2011	44		2012	
MO 0105	Edible offal (mammalian)	0.05			CXL	2011	44		2012	
PE 0112	Eggs	0.01 (*)			CXL	2011	44		2012	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	8			CXL	2011	44		2012	
FB 0269	Grapes	4			CXL	2011	45	44	2013	
PF 0111	Group of avian fats	0.5			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.02			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.1			3	2024	56			
PE 0112	Group of eggs	0.1			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	3			3	2024	56			
ML 0106	Group of milks	0.1			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.07			3	2024	56			
GC 0645	Maize	0.05 (*)			CXL	2011	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	2011	44		2012	
ML 0106	Milks	0.02			CXL	2011	44		2012	
FS 0245	Nectarine	0.6			CXL	2011	44		2012	
FS 0247	Peach	0.6			CXL	2011	44		2012	
FP 0230	Pear	0.6			CXL	2011	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.01 (*)			CXL	2011	44		2012	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2011	44		2012	
SO 0495	Rape seed	0.01 (*)			CXL	2011	44		2012	
GC 0649	Rice	0.01 (*)			CXL	2011	44		2012	
GC 0649	Rice	9			3	2024	56			
AS 0649	Rice, hay and/or straw	0.05			CXL	2011	44		2012	
CM 0649	Rice, husked	0.3			3	2024	56			
CM 1205	Rice, polished	0.04			3	2024	56			

185 Fenpropathrin

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: 0.03 mg/kg bw ((2012))

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Fenpropathrin.

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2014	47		2015	
FC 0001	Citrus fruits (group)	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 (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2014	47		2015	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2014	47		2015	
FS 0014	Plums (including fresh prunes) (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	3			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 (group)	0.15			CXL	2014	47		2015	

187 Clethodim

Main Uses: Herbicide

JMPR:

ADI: 0-0.2 mg/kg bw 2019

Acute RfD: Unnecessary (2019)

Residue: For compliance with the MRL for plant commodities: Sum of clethodim and its metabolites convertible to dimethyl 3-[2-(ethylsulfonyl)propyl]-pentanedioate (DME) and dimethyl 3-[2-(ethylsulfonyl)propyl]-3-hydroxy-pentanedioate (DME-OH), expressed as clethodim.

For compliance with the MRL for animal commodities: Sum of clethodim and its metabolites convertible to dimethyl 3-[2-(ethylsulfonyl)propyl]-pentanedioate (DME), expressed as clethodim.

For dietary risk assessment for plant and animal commodities: A conclusion could not be reached.

The residue is fat-soluble.

Note: Retained all the CXLs under the 4-year rule, awaiting the re-evaluation by the JMPR. The manufacturer would submit additional toxicology data for the metabolites of clethodim to the JMPR (52:80).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	10			CXL	1997	35	31-34	2003	Recommended for withdrawal
VD 0071	Bean (dry)	2			CXL	1999	35	28,31-34	2003	Recommended for withdrawal
AL 0061	Bean, hay and/or straw	10			CXL	1999	35	33,34	2003	Recommended for withdrawal
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.5 (*)			CXL	1997	35	31-34	2003	Recommended for withdrawal
SO 0691	Cotton seed	0.5			CXL	1994	35	28,31-34	2003	Recommended for withdrawal
OC 0691	Cotton seed oil, crude	0.5 (*)			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
OR 0691	Cotton seed oil, edible	0.5 (*)			CXL	1994,1997	35	28,31-33	2003	Recommended for withdrawal
MO 0105	Edible offal (mammalian)	0.2 (*)			CXL	1999	35	33,34	2003	Recommended for withdrawal
PE 0112	Eggs	0.05 (*)			CXL	1999	35	33	2003	Recommended for withdrawal
VD 0561	Field pea (dry)	2			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
AM 1051	Fodder beet, roots	0.1 (*)			CXL	1997	35	31-34	2003	Recommended for withdrawal
VA 0381	Garlic	0.5			CXL	1997	35	31-34	2003	Recommended for withdrawal

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 (*)			CXL	1999	35	33,34	2003	Recommended for withdrawal
ML 0106	Milks	0.05 (*)			CXL	1999	35	33,34	2003	Recommended for withdrawal
VA 0385	Onion, bulb	0.5			CXL	1997	35	31-34	2003	Recommended for withdrawal
SO 0697	Peanut	5			CXL	1997	35	31-34	2003	Recommended for withdrawal
VR 0589	Potato	0.5			CXL	1999	35	28,31,33,34	2003	Recommended for withdrawal
PM 0110	Poultry meat	0.2 (*)			CXL	1999	35	33,34	2003	Recommended for withdrawal
PO 0111	Poultry, edible offal of	0.2 (*)			CXL	1999	35	33	2003	Recommended for withdrawal
SO 0495	Rape seed	0.5			CXL	1994	35	28,31-34	2003	Recommended for withdrawal
OC 0495	Rape seed oil, crude	0.5 (*)			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
OR 0495	Rape seed oil, edible	0.5 (*)			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
VD 0541	Soya bean (dry)	10			CXL	1994	35	28,31-34	2003	Recommended for withdrawal
OC 0541	Soya bean oil, crude	1			CXL	1994	35	28,31-34	2003	Recommended for withdrawal
OR 0541	Soya bean oil, refined	0.5 (*)			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
VR 0596	Sugar beet	0.1			CXL	1994,1997	35	28,31-34	2003	Recommended for withdrawal
SO 0702	Sunflower seed	0.5			CXL	1999	35	28,31,33,34	2003	Recommended for withdrawal
OC 0702	Sunflower seed oil, crude	0.1 (*)			CXL	1999	35	28,31,33,34	2003	Recommended for withdrawal
VO 0448	Tomato	1			CXL	1997	35	31-34		Recommended for withdrawal

188 Fenpropimorph

Main Uses: Fungicide

JMPR:

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

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

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

The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	2			CXL	2017	50		2018	
GC 0640	Barley	0.2			CXL	2017	50		2018	
AS 0640	Barley, hay and/or straw	0.5			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.7			CXL	2017	50		2018	
PE 0112	Eggs	0.005 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.04			CXL	2017	50		2018	
ML 0106	Milks	0.01			CXL	2017	50		2018	
AS 0647	Oat straw and fodder, dry	0.5			CXL	2017	50		2018	
GC 0647	Oats	0.2			CXL	2017	50		2018	
PF 0111	Poultry fats	0.005 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.005 (*)			CXL	2017	50		2018	
PO 0111	Poultry, edible offal of	0.005 (*)			CXL	2017	50		2018	
GC 0650	Rye	0.07			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, dry	0.5			CXL	2017	50		2018	
VR 0596	Sugar beet	0.03			CXL	2017	50		2018	
AM 3599	Sugar beet, dried pulp	0.1			CXL	2017	50		2018	
GC 0653	Triticale	0.07			CXL	2017	50		2018	
AS 0653	Triticale, hay and/or straw	0.5			CXL	2017	50		2018	
GC 0654	Wheat	0.07			CXL	2017	50		2018	
CM 0654	Wheat bran, unprocessed	0.2			CXL	2017	50		2018	
CF 1210	Wheat germ	0.3			CXL	2017	50		2018	
CF 1212	Wheat wholemeal	0.1			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	0.5			CXL	2017	50		2018	

189 Tebuconazole

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2010))

Residue: For compliance with the MRL and for estimation of dietary exposure for plant and animal commodities: Tebuconazole. Residue is 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	2011	44	43	2012	
FS 0240	Apricot	2			CXL	2011	44		2012	
VS 0620	Artichoke, globe	0.6			CXL	2011	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	2011	44		2012	
AS 0640	Barley, hay and/or straw	40			CXL	2011	44		2012	
VD 0071	Bean (dry)	0.3			CXL	2011	44		2012	
VP 2060	Beans with pods (subgroup)	3			CXL	2017	50		2018	
VB 0400	Broccoli	0.2			CXL	2011	44		2012	
VB 0402	Brussels sprouts	0.3			CXL	2011	44		2012	
VB 0041	Cabbages, head	1			CXL	2011	44		2012	
VR 0577	Carrot	0.4			CXL	2011	44		2012	
VB 0404	Cauliflower	0.05		(*)	CXL	2011	44		2012	
FS 0013	Cherries (subgroup)	4			CXL	2011	44		2012	
AB 0001	Citrus pulp, dried	3		(dw)	CXL	2019	52		2021	
SB 0716	Coffee beans	0.4			CXL	2021	53		2022	
SO 0691	Cotton seed	2			CXL	2011	44		2012	
VC 0424	Cucumber	0.2			CXL	2015	48		2016	
HS 0780	Cumin seed	0.9			3	2024	56			
MO 0105	Edible offal (mammalian)	0.2			CXL	2011	44		2012	
VO 0440	Eggplant	0.1			CXL	2011	44		2012	
PE 0112	Eggs	0.05		(*)	CXL	2011	44		2012	
FB 0267	Elderberries	1.5			CXL	2011	44		2012	
VA 0381	Garlic	0.1			CXL	2011	44		2012	
VR 0604	Ginseng	0.15			CXL	2015	48		2016	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DV 0604	Ginseng, dried including red ginseng	0.4			CXL	2015	48		2016	
DM 0604	Ginseng, extracts	0.5			CXL	2015	48		2016	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	7			CXL	2011	44		2012	
FB 0269	Grapes	6			CXL	2011	44		2012	
DH 1100	Hops, dry	40			CXL	2011	44		2012	
VA 0384	Leek	0.7			CXL	2011	44		2012	
VL 0482	Lettuce, head	5			CXL	2008	43	44	2012	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.7	Po		CXL	2019	52		2021	
FI 0345	Mango	0.05			CXL	2011	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(*)		CXL	2011	44		2012	
VC 0046	Melons (except watermelon)	0.15			CXL	2011	44		2012	
ML 0106	Milks	0.01	(*)		CXL	2011	44		2012	
FS 0245	Nectarine	2			CXL	2011	44		2012	
GC 0647	Oats	2			CXL	2011	44		2012	
VA 0385	Onion, bulb	0.15			CXL	2015	48		2016	
OR 0004	Orange oil, edible	10			CXL	2019	52		2021	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4	Po		CXL	2019	52		2021	
FI 0350	Papaya	2			CXL	2011	44		2012	
FI 0351	Passion fruit	0.1			CXL	2011	44		2012	
FS 0247	Peach	2			CXL	2011	44		2012	
SO 0697	Peanut	0.15			CXL	2011	44		2012	
AL 0697	Peanut fodder	40			CXL	2011	44		2012	
FP 0230	Pear	1			CXL	2011	44		2012	
HS 0444	Peppers chili, dried	10			CXL	2011	44		2012	
VO 0445	Peppers, sweet (including pimento or pimienta)	1			CXL	2011	44		2012	
FS 0014	Plums (including fresh prunes) (subgroup)	1		Except prunes.	CXL	2011	44		2012	
PM 0110	Poultry meat	0.05	(*)		CXL	2011	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2011	44		2012	
DF 0014	Prunes	3			CXL	2011	44		2012	
SO 0495	Rape seed	0.3			CXL	2011	44		2012	
GC 0649	Rice	1.5			CXL	2011	44		2012	
GC 0650	Rye	0.15			CXL	2011	44		2012	
AS 0650	Rye straw and fodder, dry	40			CXL	2011	44		2012	
VA 0388	Shallot	0.15			CXL	2015	48		2016	
VD 0541	Soya bean (dry)	0.15			CXL	2011	44		2012	
VA 0389	Spring onion	2			CXL	2015	48		2016	
VC 0431	Squash, summer	0.2			CXL	2011	44		2012	
SO 0702	Sunflower seed	0.1			CXL	2015	48		2016	
VO 0447	Sweet corn (corn-on-the-cob)	0.6			CXL	2011	44		2012	
FT 0305	Table olives	0.05 (*)			CXL	2011	44		2012	
VO 0448	Tomato	0.7			CXL	2011	44		2012	
TN 0085	Tree nuts (group)	0.05 (*)			CXL	2011	44		2012	
GC 0653	Triticale	0.15			CXL	2011	44		2012	
GC 0654	Wheat	0.15			CXL	2011	44		2012	
AS 0654	Wheat, hay and/or straw	40			CXL	2011	44		2012	

190 Teflubenzuron

Main Uses: Insect growth regulator

JMPR:

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

Acute RfD: Unnecessary ((2016))

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

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

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

191 Tolclofos-Methyl

Main Uses: Fungicide

JMPR:

ADI: 0.07 mg/kg bw 1994. 2019 (reaffirmed)

Acute RfD: Unnecessary (2019)

Residue: For compliance with the MRL for plant and animal commodities: Tolclofos-methyl.

For dietary risk assessment for plant commodities: Sum of tolclofos-methyl, 2,6-dichloro-4-methylphenol (ph-CH₃, incl. conjugates), O,O-dimethyl O-2,6-dichloro-4-(hydroxymethyl) phenylphosphorothioate (TM-CH₂OH, incl. conjugates), O-methyl O-hydrogen O-2,6-dichloro-4-(hydroxymethyl) phenylphosphorothioate (DM-TM-CH₂OH) and O-methyl O-hydrogen O-(2,6-dichloro-4-methylphenyl) phosphorothioate (DM-TM), expressed as tolclofos-methyl.

For dietary risk assessment for animal commodities: Sum of tolclofos-methyl and 3,5-dichloro-4-hydroxybenzoic acid (ph-COOH), expressed as tolclofos-

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	2019	52		2021	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
VL 2050	Leafy greens (subgroup)	0.7		Except spinach, purslane, and chard.	CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2019	52		2021	
ML 0106	Milks	0.01 (*)			CXL	2019	52		2021	
VR 0589	Potato	0.3			CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	

193 Fenpyroximate

Main Uses: Acaricide

JMPR:

ADI: 0–0.005 mg/kg bw (2021)

Acute RfD: 0.005 mg/kg bw ((2021))

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

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

For compliance with the MRL for animal commodities: Sum of fenpyroximate and (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)methyl]benzoic acid (M-3), expressed as fenpyroximate.

For dietary risk assessment for animal commodities: Sum of fenpyroximate, 2-hydroxymethyl-2-propyl (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)methyl]benzoate (Fen-OH), 2-hydroxy-2-methylpropyl (E)- α -(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)-p-toluate (R-UL-1) and (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)methyl]benzoic acid (M-3), expressed as fenpyroximate.

The residue is fat-soluble.

Note: The ADI and ARfD can be applied to metabolites M-1, M-3, M-5, M-21, M-22 and Fen-OH (2021). The 2021 Regular JMPR revised the ARfD for fenpyroximate, a new acute dietary risk assessment for all recommendations made by the 2017 and 2018 JMPRs was conducted in addition to those commodities considered by the current Meeting.

Based on the revised ARfD, the current Meeting confirmed the 2017 JMPR conclusion that the estimated acute dietary exposure to residues of fenpyroximate for the consumption of commodities from FS 0013 Subgroup of cherries, FS 0247 Peach, VC 0432 Watermelon may present a public health concern. Alternative GAP data were available for plums, so the 2017 JMPR exceedances noted for FS 0014 Plums and dried plum no longer exist.

In addition, the current Meeting also concluded, based on the revised ARfD, that the estimated acute dietary exposure to residues of fenpyroximate for the consumption of commodities FP 0226 Apple, FP 0230 Pear, FS 0240 Apricot, VC 0046 Melons (except watermelon), VO 2045 Subgroup of Tomatoes, VO 2046 Subgroup of Eggplants, VP 2060 Subgroup of Beans with pods as previously considered by the 2017 and 2018 JMPRs may present a public health concern.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.2			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
FP 0226	Apple	0.1			3	2024	56			
AB 0226	Apple pomace, dried	1	(dw)		3	2024	56			
DF 0226	Apples, dried	1			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
DF 0226	Apples, dried	0.5			3	2024	56			
FI 0326	Avocado	0.2			CXL	2017	50		2018	
VP 2060	Beans with pods (subgroup)	0.5			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 2700	Cherry tomato	0.2			3	2024	56			
SB 0716	Coffee beans	0.07			CXL	2017	50		2018	
VC 0424	Cucumber	0.3			CXL	2017	50		2018	Recommended for withdrawal by JMPR (2021). Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
VC 0424	Cucumber	0.04			3	2024	56			
MO 0105	Edible offal (mammalian)	0.8			CXL	2021	53		2022	
VO 2046	Eggplants (subgroup)	0.3			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.2			CXL	2017	50		2018	
FB 0269	Grapes	0.1			CXL	2017	50		2018	
MO 0105	Group of edible offal (mammalian)	0.8			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.2			3	2024	56			
ML 0106	Group of milks	0.01			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.05			3	2024	56			
DH 1100	Hops, dry	15			CXL	2017	50		2018	
AB 0002	Lemon and Lime, dried pulp	6	(dw)		CXL	2021	53		2022	
FC 0002	Lemons and limes (including citron) (subgroup)	1			CXL	2021	53		2022	
OR 0002	Lemons and limes, edible oil refined	150			CXL	2021	53		2022	
GC 0645	Maize	0.01	(*)		CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2021	53		2022	
OR 0003	Mandarin, oil	25			3	2024	56			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.15			3	2024	56			
AB 0003	Mandarins, dried pulp	0.8		(dw)	3	2024	56			
MM 0095	Meat (from mammals other than marine mammals)	0.2		(fat)	CXL	2021	53		2022	
VC 0046	Melons (except watermelon)	0.2			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
ML 0106	Milks	0.01			CXL	2021	53		2022	
OR 0004	Orange oil, edible	25			3	2024	56			
AB 0004	Orange, dried pulp	0.8		(dw)	3	2024	56			
HS 3382	Orange, peel (fresh)	0.5			3	2024	56			
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.15			3	2024	56			
FP 0230	Pear	0.2			CXL	2017	50		2018	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
VO 0051	Peppers (subgroup)	0.2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2017	50		2018	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
FS 0014	Plums (including fresh prunes) (subgroup)	0.05			CXL	2021	53		2022	
VR 0589	Potato	0.05		(*)	CXL	2017	50		2018	
DF 0014	Prunes	0.15			CXL	2021	53		2022	
AB 0005	Pummelo and grapefruit, dried pulp	3		(dw)	CXL	2021	53		2022	
OR 0005	Pummelo and grapefruit, oil	80			CXL	2021	53		2022	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.5			CXL	2021	53		2022	
HS 3383	Satsuma mandarin, peel (fresh)	0.6			3	2024	56			

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC	0431	Squash, summer	0.06			CXL	2017	50		2018	Recommended for withdrawal by JMPR (2021). Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
FS	0012	Stone fruits (group)	0.4		Except cherries.	CXL	2013	46		2014	Recommended for withdrawal by JMPR 2017.
FB	0275	Strawberry	0.3			CXL	2017	50		2018	
VP	2062	Succulent beans without pods (subgroup)	0.05 (*)			CXL	2021	53		2022	
DT	1114	Tea, green, black (black, fermented and dried)	8			CXL	2017	50		2018	
VO	0448	Tomato	0.2			3	2024	56			
VO	2045	Tomatoes (subgroup)	0.3			CXL	2018	51		2019	Retained under the 4-year rule awaiting confirmation of alternative GAP and supporting data (53:72).
TN	0085	Tree nuts (group)	0.05 (*)			CXL	2017	50		2018	

194 Haloxyfop

Main Uses: Herbicide

JMPR:

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.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI	0327	Banana	0.02		(*)	CXL	2009	42		2010	
VD	0071	Bean (dry)	3			CXL	2009	43		2011	
VP	0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.5			CXL	2009	43		2011	
VD	0524	Chick-pea (dry)	0.05			CXL	2009	43		2011	
FC	0001	Citrus fruits (group)	0.02		(*)	CXL	2009	43		2011	
SB	0716	Coffee beans	0.02		(*)	CXL	2009	42		2010	
SO	0691	Cotton seed	0.7			CXL	2009	43		2011	
MO	0105	Edible offal (mammalian)	2			CXL	2009	43		2011	
PE	0112	Eggs	0.1			CXL	2009	43		2011	
AM	1051	Fodder beet, roots	0.4			CXL	2009	43		2011	
FB	0269	Grapes	0.02		(*)	CXL	2009	42		2011	
MM	0095	Meat (from mammals other than marine mammals)	0.5		(fat)	CXL	2009	43		2011	
FM	0183	Milk fats	7			CXL	2009	43		2011	
ML	0106	Milks	0.3			CXL	2009	43		2011	
VA	0385	Onion, bulb	0.2			CXL	2009	42		2010	
AL	0697	Peanut fodder	5			CXL	2009	43		2011	
VD	0072	Peas (dry)	0.2			CXL	2009	43		2011	
VP	0063	Peas (pods and succulent=immature seeds)	0.7			CXL	2009	43		2011	
VP	0064	Peas, shelled (succulent seeds)	1			CXL	2009	43		2011	
FP	0009	Pome fruits (group)	0.02		(*)	CXL	2009	43		2011	
PM	0110	Poultry meat	0.7		(fat)	CXL	2009	43		2011	
PO	0111	Poultry, edible offal of	0.7			CXL	2009	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0495	Rape seed	3			CXL	2009	43		2011	
VD 0541	Soya bean (dry)	2			CXL	2009	43		2011	
FS 0012	Stone fruits (group)	0.02 (*)			CXL	2009	42		2010	
VR 0596	Sugar beet	0.4			CXL	2009	43		2011	
SO 0702	Sunflower seed	0.3			CXL	2009	43		2011	

195 Flumethrin

Main Uses: Insecticide

JMPR:

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	1996	30		1999	
ML 0812	Cattle milk	0.05 F V		On carcass fat basis. The MRL accommodates external animal treatment.	CXL	1996	30		1999	

196 Tebufenozide

Main Uses: Insecticide

JMPR:

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.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	30			CXL	2001	36	34,35	2004	
TN 0660	Almonds	0.05			CXL	2001	36	34,35	2004	
FI 0326	Avocado	1			CXL	2001	36	34,35	2004	
FB 0020	Blueberries	3			CXL	2001	36	34,35	2004	
VB 0400	Broccoli	0.5			CXL	2001	36	34,35	2004	
VB 0041	Cabbages, head	5			CXL	2001	36	34,35	2004	
ML 0812	Cattle milk	0.05			CXL	2001	36	34,35	2004	
FC 0001	Citrus fruits (group)	2			CXL	2001	45	34-36	2013	
FB 0265	Cranberry	0.5			CXL	2001	36	34,35	2004	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2003	36		2004	
PE 0112	Eggs	0.02 (*)			CXL	2001	36	34,35	2004	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2001	36	34,35	2004	
FB 0269	Grapes	2			CXL	2001	36	35	2004	
PF 0111	Group of avian fats	0.02 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.02 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.02 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.06			3	2024	56			
PE 0112	Group of eggs	0.02 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.2			3	2024	56			
ML 0106	Group of milks	0.02			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.03			3	2024	56			
FI 0341	Kiwifruit	0.5			CXL	1997	31		1999	
VL 0053	Leafy vegetables (group)	10			CXL	2001	36	34,35	2004	

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	2003	36		2004	
ML 0106	Milks	0.01 (*)			CXL	2003	36		2004	
HH 0738	Mints	20			CXL	2001	36	34,35	2004	
FS 0245	Nectarine	0.5			CXL	2001	36	34,35	2004	
FS 0247	Peach	0.5			CXL	2001	36	34,35	2004	
TN 0672	Pecan	0.01 (*)			CXL	2001	36	34,35	2004	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2001	36	35	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	1			CXL	1996,1999	30		1999	
PM 0110	Poultry meat	0.02 (*)			CXL	2001	36	34,35	2004	
SO 0495	Rape seed	2			CXL	2001	36	34,35	2004	
FB 0272	Raspberries, red, black	2			CXL	2001	36	34,35	2004	
GC 0649	Rice	15			3	2024	56			
CM 0649	Rice, husked	0.1			CXL	1996	30		1999	
CM 0649	Rice, husked	0.6			3	2024	56			
CM 1205	Rice, polished	0.3			3	2024	56			
GS 0659	Sugar cane	1			CXL	2001	36	34,35	2004	
VO 0448	Tomato	1			CXL	2001	36	34,35	2004	
TN 0678	Walnuts	0.05			CXL	1996	30		1999	

197 Fenbuconazole

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.2 mg/kg bw ((2012))

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

The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	2009	45	43,44	2013	
FS 0240	Apricot	0.5			CXL	1997	32	31	2001	
FI 0327	Banana	0.05			CXL	1997	31		1999	
GC 0640	Barley	0.2			CXL	1997	32	31	2001	
CM 0640	Barley bran, unprocessed	1			CXL	2009	45	43,44	2013	
AS 0640	Barley, hay and/or straw	3			CXL	1997	32	31	2001	
FB 0020	Blueberries	0.5			CXL	2009	45	43,44	2013	
FS 0013	Cherries (subgroup)	1			CXL	1997	31		1999	
FC 0001	Citrus fruits (group)	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, dried	4			CXL	2013	46		2014	
FB 0265	Cranberry	1			CXL	2009	45	43,44	2013	
VC 0424	Cucumber	0.2			CXL	1997	31		1999	
MO 0105	Edible offal (mammalian)	0.1			CXL	2009	45	43,44	2013	
PE 0112	Eggs	0.01 (*)			CXL	2009	42		2010	
FB 0269	Grapes	1			CXL	1997	31		1999	
FC 0002	Lemons and limes (including citron) (subgroup)	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	2009	45	43,44	2013	
VC 0046	Melons (except watermelon)	0.2			CXL	1997	31		1999	
ML 0106	Milks	0.01 (*)			CXL	2009	42		2010	
FS 0247	Peach	0.5			CXL	1997	32	31	2001	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0697	Peanut	0.1			CXL	2009	45	43,44	2013	
AL 0697	Peanut fodder	15			CXL	2009	45	43,44	2013	
VO 0051	Peppers (subgroup)	0.6		MRL provisionally applies to okra, martynia, and roselle.	CXL	2009	45	43,44	2013	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	2			CXL	2009	45	43,44	2013	
FS 0014	Plums (including fresh prunes) (subgroup)	0.3			CXL	2009	45	43,44	2013	
FP 0009	Pome fruits (group)	0.5			CXL	2009	45	43,44	2013	
PM 0110	Poultry meat	0.01 (*)			CXL	2009	42		2010	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2009	42		2010	
SO 0495	Rape seed	0.05 (*)			CXL	1997	32	31	2001	
GC 0650	Rye	0.1			CXL	1997	31		1999	
VC 0431	Squash, summer	0.05			CXL	1997	31		1999	
SO 0702	Sunflower seed	0.05 (*)			CXL	1997	31		1999	
AS 0447	Sweet corn fodder	1			CXL	2009	45	43	2013	
DT 1114	Tea, green, black (black, fermented and dried)	30			CXL	2021	53		2022	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2009	42		2010	
GC 0654	Wheat	0.1			CXL	1997	31		1999	
AS 0654	Wheat, hay and/or straw	3			CXL	1997	31		1999	

199 Kresoxim-Methyl

Main Uses: Fungicide

JMPR:

ADI: 0–0.3 mg/kg bw (2018)

Acute RfD: Unnecessary ((2018))

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

The residue is not fat-soluble

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	0.15			CXL	2018	51		2019	
VR 0574	Beetroot	0.05 (*)			CXL	2018	51		2019	
FB 0021	Currants, black, red, white	0.9			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.05			CXL	2018	51		2019	
PE 0112	Eggs	0.02 (*)			CXL	2018	51		2019	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2018	51		2019	
VA 0381	Garlic	0.01			CXL	2018	51		2019	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	3			CXL	2018	51		2019	
FB 0269	Grapes	1.5			CXL	2018	51		2019	
VA 0384	Leek	10			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2018	51		2019	
FI 0345	Mango	0.1			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2018	51		2019	
ML 0106	Milks	0.02 (*)			CXL	2018	51		2019	
OC 0305	Olive oil, virgin	1			CXL	2018	51		2019	
SO 0305	Olives for oil production	0.2			CXL	2018	51		2019	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0247	Peach	1.5			CXL	2018	51		2019	
TN 0672	Pecan	0.05 (*)			CXL	2018	51		2019	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.3			CXL	2018	51		2019	
FP 0009	Pome fruits (group)	0.15		Except Japanese persimmon.	CXL	2019	52		2021	
PF 0111	Poultry fats	0.02 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.02 (*)			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2018	51		2019	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	3 (DM)			CXL	2018	51		2019	
VR 0596	Sugar beet	0.05 (*)			CXL	2018	51		2019	
FT 0305	Table olives	0.2			CXL	2018	51		2019	
VR 4571	Turnip	0.05 (*)			CXL	2018	51		2019	
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.05			CXL	2018	51		2019	

200 Pyriproxyfen

Main Uses: Insecticide

JMPR:

ADI: 0–0.1 mg/kg bw (1999)

Acute RfD: Unnecessary ((1999))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MM 0812	Cattle meat	0.01 (*) (fat)			CXL	1999	34	33	2003	
MO 0812	Cattle, edible offal of	0.01 (*)			CXL	1999	34	33	2003	
FC 0001	Citrus fruits (group)	0.5			CXL	1999	33		2001	
SO 0691	Cotton seed	0.05			CXL	1999	34	33	2003	
OC 0691	Cotton seed oil, crude	0.01			CXL	1999	34	33	2003	
OR 0691	Cotton seed oil, edible	0.01			CXL	1999	34	33	2003	
VC 0424	Cucumber	0.04			CXL	2018	51		2019	
VO 0440	Eggplant	0.6			CXL	2018	51		2019	
VC 0425	Gherkin	0.04			CXL	2018	51		2019	
MM 0814	Goat meat	0.01 (*) (fat)			CXL	1999	34	33	2003	
MO 0814	Goat, edible offal of	0.01 (*)			CXL	1999	34	33	2003	
FI 0345	Mango	0.02 (*)			CXL	2019	52		2021	
VC 0046	Melons (except watermelon)	0.07			CXL	2018	51		2019	
FI 0350	Papaya	0.3			CXL	2018	51		2019	
VO 0051	Peppers (subgroup)	0.6		MRL provisionally applies to okra, martynia, and roselle.	CXL	2018	51		2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	6			CXL	2018	51		2019	
FI 0353	Pineapple	0.01			CXL	2018	51		2019	
VC 0431	Squash, summer	0.04			CXL	2018	51		2019	
VO 0448	Tomato	0.4			CXL	2018	51		2019	

201 Chlorpropham

Main Uses: Plant growth regulator

JMPR:

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

Acute RfD: 0.5 mg/kg bw ((2005))

Residue: Chlorpropham (fat-soluble).

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	2001	38	34,35,37	2006	
MO 0812	Cattle, edible offal of	0.01 (*)			CXL	2001	38	34,35,37	2006	
FM 0183	Milk fats	0.02			CXL	2008	41			2009
ML 0106	Milks	0.01 (*)			CXL	2008	41			2009
VR 0589	Potato	30 Po			CXL	2001	38	34,35,37	2006	

202 Fipronil

Main Uses: Insecticide

JMPR:

ADI: 0–0.0002 mg/kg bw 2021

Acute RfD: 0.03 mg/kg bw (2021)

Residue: For compliance with the MRL for plant and animal commodities: Sum of fipronil and 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylsulfonylpyrazole (MB46136) expressed in terms of fipronil.

For dietary risk assessment for plant and animal commodities: Sum of fipronil and 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylsulfonylpyrazole (MB46136), 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylthiopyrazole (MB45950) and 5-amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylpyrazole (MB46513) expressed in terms of fipronil.

The residue is fat-soluble.

Note: On the basis of the information provided to the JMPR it was concluded that the estimated long-term dietary exposure to residues of fipronil may present a public health concern. The JMPR Secretariat informed CCPR that a chronic risk had been identified for fipronil. The manufacturer would submit data and alternative GAP information to address this risk. CCPR agreed to retain all the CXLs under the 4-year rule and retain the proposed MRLs at Step 4 (53:77-79).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.005			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021). The JMPR Secretariat informed CCPR that a chronic risk had been identified for fipronil. The CCPR was advised that the manufacturer would submit data and alternative GAP information to address this risk. CCPR agreed to retain all the CXLs under the 4-year rule and retain the proposed MRLs at Step 4 (53:77-79). CCPR agreed to continue retaining all existing CXLs and the proposed MRLs at Step 4 under the 4-year rule while awaiting JMPR review (55:149).
FI 0327	Banana	0.004 (*)			4	2021	55	53		(See banana)
FI 0327	Banana	0.004 (*)			3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0640	Barley	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
AS 0640	Barley, hay and/or straw	0.07			4	2021	55	53		(See banana)
AS 0640	Barley, hay and/or straw	0.05		(dw)	3	2024	56			
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	0.004 (*)			4	2021	55	53		(See banana)
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	0.002 (*)			3	2024	56			
HH 0722	Basil, leaves	1.5			CXL	2016	55	49	2017	Recommended for withdrawal by JMPR (2021) (See banana).
HH 0722	Basil, leaves	0.8			4	2021	55	53		(See banana)
VP 2060	Beans with pods (subgroup)	0.01			4	2021	55	53		(See banana)
VB 0041	Cabbages, head	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
MO 1280	Cattle kidney	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
MO 1281	Cattle liver	0.1			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
MM 0812	Cattle meat	0.5		(fat)	CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
ML 0812	Cattle milk	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
SO 0691	Cotton seed	0.01			4	2021	55	53		(See banana)
SO 0691	Cotton seed	0.003			3	2024	56			
VD 2065	Dry beans (subgroup)	0.01		Except soya beans.	4	2021	55	53		(See banana)
VD 2065	Dry beans (subgroup)	0.008		except soya beans	3	2024	56			
VD 2066	Dry peas				(subgroup)		0.008 3	2024	56	
MO 0105	Edible offal (mammalian)	0.1			4	2021	55	53		(See banana)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PE 0112	Eggs	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
PE 0112	Eggs	0.04			4	2021	55	53		(See banana)
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
PF 0111	Group of avian fats	0.05			3	2024	56			
PM 0110	Group of avian muscle	0.02			3	2024	56			
PO 0111	Group of avian, edible offal of	0.02			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.05			3	2024	56			
PE 0112	Group of eggs	0.04			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.15			3	2024	56			
FM 0106	Group of milk fats	0.3			3	2024	56			
ML 0106	Group of milks	0.02			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.015			3	2024	56			
VL 0053	Leafy vegetables (group)	0.01		Residues resulting from rotational cropping.	4	2021	55	53		(See banana)
VL 0053	Leafy vegetables (group)	0.01			3	2024	56			
GC 0645	Maize	0.01			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
GC 2091	Maize cereals (subgroup)	0.01			4	2021	55	53		(See banana)
GC 2091	Maize cereals (subgroup)	0.01			3	2024	56			
AS 0645	Maize fodder (dry)	0.1	dry wt		CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
MF 0100	Mammalian fats (except milk fats)	0.4			4	2021	55	53		(See banana)
MM 0095	Meat (from mammals other than marine mammals)	0.03			4	2021	55	53		(See banana)
FM 0183	Milk fats	0.3			4	2021	55	53		(See banana)
ML 0106	Milks	0.03			4	2021	55	53		(See banana)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0647	Oat straw and fodder, dry	0.05 (dw)			3	2024	56			
AS 3559	Oat, hay and/or straw	0.07 (dw)			4	2021	55	53		(See banana)
GC 0647	Oats	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
VA 0385	Onion, bulb	0.03			4	2021	55	53		(See banana)
VA 0385	Onion, bulb	0.03			3	2024	56			
VR 0589	Potato	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
VR 0589	Potato	0.05			4	2021	55	53		(See banana)
VR 0589	Potato	0.05			3	2024	56			
PF 0111	Poultry fats	0.07			4	2021	55	53		(See banana)
PM 0110	Poultry meat	0.01 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
PM 0110	Poultry meat	0.07			4	2021	55	53		(See banana)
PO 0111	Poultry, edible offal of	0.02			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
PO 0111	Poultry, edible offal of	0.03			4	2021	55	53		(See banana)
GC 0649	Rice	0.01			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
GC 0649	Rice	0.002			3	2024	56			
CM 1206	Rice bran, unprocessed	2			4	2021	55	53		(See banana)
GC 2088	Rice cereals (subgroup)	0.4			4	2021	55	53		(See banana)
AS 0649	Rice, hay and/or straw	0.2 dry wt			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
AS 0649	Rice, hay and/or straw	0.6 (dw)			4	2021	55	53		(See banana)
AS 3570	Rice, hulls	2			4	2021	55	53		(See banana)
CM 0649	Rice, husked	0.4			4	2021	55	53		(See banana)
CM 0649	Rice, husked	0.001 (*)			3	2024	56			
CM 1205	Rice, polished	0.15			4	2021	55	53		(See banana)
CM 1205	Rice, polished	0.001 (*)			3	2024	56			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VR 0075	Root and tuber vegetables (group)	0.002		Except potato and sugar beet. Residues resulting from rotational cropping.	4	2021	55	53		(See banana)
VR 0075	Root and tuber vegetables (group)	0.002			3	2024	56			
GC 0650	Rye	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
AS 0650	Rye straw and fodder, dry	0.05 (dw)			3	2024	56			
AS 3560	Rye, hay and/or straw	0.05 (dw)			4	2021	55	53		(See banana)
VD 0541	Soya bean (dry)	0.01			4	2021	55	53		(See banana)
VD 0541	Soya bean (dry)	0.002			3	2024	56			
AB 0541	Soya bean hulls	0.015			3	2024	56			
OC 0541	Soya bean oil, crude	0.05			4	2021	55	53		(See banana)
OC 0541	Soya bean oil, crude	0.01			3	2024	56			
AL 3538	Soya bean, hulls	0.06			4	2021	55	53		(See banana)
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.03 (dw)		Except of barley, oats, rice, rye, triticale and wheat. Residues resulting from rotational cropping.	4	2021	55	53		(See banana)
VR 0596	Sugar beet	0.2			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
VR 0596	Sugar beet	0.01			4	2021	55	53		(See banana)
VR 0596	Sugar beet	0.004			3	2024	56			
GS 0659	Sugar cane	0.01			4	2021	55	53		(See banana)
GS 0659	Sugar cane	0.01			3	2024	56			
SO 0702	Sunflower seed	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
SO 2091	Sunflower seeds (subgroup)	0.004 (*)			4	2021	55	53		(See banana)
SO 2091	Sunflower seeds (subgroup)	0.01			3	2024	56			
VO 2045	Tomatoes (subgroup)	0.01 (*)			4	2021	55	53		(See banana)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 2045	Tomatoes (subgroup)	0.004 (*)			3	2024	56			
GC 0653	Triticale	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
AS 0653	Triticale, hay and/or straw	0.05 (dw)			4	2021	55	53		(See banana)
AS 0653	Triticale, hay and/or straw	0.05 (dw)			3	2024	56			
GC 0654	Wheat	0.002 (*)			CXL	2001	55	34,35	2003	Recommended for withdrawal by JMPR (2021) (See banana).
AS 0654	Wheat, hay and/or straw	0.05 (dw)			4	2021	55	53		(See banana)
AS 0654	Wheat, hay and/or straw	0.05 (dw)			3	2024	56			
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.004 (*)			4	2021	55	53		(See banana)
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.03			3	2024	56			

203 Spinosad

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2001))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.1			CXL	2001	36	34,35	2004	
FB 0264	Blackberries	1			CXL	2011	44		2012	
FB 0020	Blueberries	0.4			CXL	2011	44		2012	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2001	35		2004	
MF 0812	Cattle fat	3			3	2024	56			
MO 1280	Cattle kidney	1		The MRL accommodates external animal treatment.	CXL	2001	35	34	2003	
MO 1281	Cattle liver	2		The MRL accommodates external animal treatment.	CXL	2001	35	34	2003	
MM 0812	Cattle meat	3	(fat)	The MRL accommodates external animal treatment.	CXL	2001	35	34	2003	
ML 0812	Cattle milk	1		The MRL accommodates external animal treatment.	CXL	2001	36	34,35	2004	
FM 0812	Cattle milk fat	5			CXL	2004	37		2005	
MM 0812	Cattle muscle	0.3			3	2024	56			
VS 0624	Celery	2			CXL	2001	35	34	2003	
GC 0080	Cereal grains (group)	1	Po		CXL	2004	37		2005	
FC 0001	Citrus fruits (group)	0.3			CXL	2001	35	34	2003	
SO 0691	Cotton seed	0.01	(*)		CXL	2001	35	34	2003	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
OC 0691	Cotton seed oil, crude	0.01 (*)			CXL	2001	35	34	2003	
OR 0691	Cotton seed oil, edible	0.01 (*)			CXL	2001	35	34	2003	
FB 0265	Cranberry	0.02			CXL	2011	44		2012	
FB 0266	Dewberries (including boysenberry and loganberry)	1			CXL	2011	44		2012	
MO 0105	Edible offal (mammalian)	0.5		Except cattle.	CXL	2004	37		2005	
PE 0112	Eggs	0.01			CXL	2001	35	34	2003	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2001	35	34	2003	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1			CXL	2004	37		2005	
FB 0269	Grapes	0.5			CXL	2004	37		2005	
PF 0111	Group of avian fats	0.2			3	2024	56			
PM 0110	Group of avian muscle	0.01			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.5		except cattle	3	2024	56			
PE 0112	Group of eggs	0.01			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	2		except cattle	3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.07		except cattle	3	2024	56			
FI 0341	Kiwifruit	0.05			CXL	2001	35	34	2003	
VL 0053	Leafy vegetables (group)	10			CXL	2001	36	34,35	2004	
VP 0060	Legume vegetables (group)	0.3			CXL	2001	35	34	2003	
AS 0645	Maize fodder (dry)	5			CXL	2001	35	34	2003	
FI 0345	Mango	0.01 (*)			3	2024	56			
MM 0095	Meat (from mammals other than marine mammals)	2 (fat)			CXL	2004	37		2005	
VA 0385	Onion, bulb	0.1			CXL	2011	44		2012	
FI 0351	Passion fruit	0.7			CXL	2011	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2001	35	34	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	3			CXL	2004	38	37	2006	
VR 0589	Potato	0.01	(*)		CXL	2001	35	34	2003	
PM 0110	Poultry meat	0.2	(fat)		CXL	2001	35	34	2003	
FB 0272	Raspberries, red, black	1			CXL	2011	44		2012	
VD 0541	Soya bean (dry)	0.01	(*)		CXL	2001	35	34	2003	
VA 0389	Spring onion	4			CXL	2011	44		2012	
FS 0012	Stone fruits (group)	0.2			CXL	2001	35	34	2003	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	2001	35	34	2003	
DT 1114	Tea, green, black (black, fermented and dried)	10			3	2024	56			
VO 0448	Tomato	0.3			CXL	2001	35	34	2003	
TN 0085	Tree nuts (group)	0.07			CXL	2011	44		2012	
CM 0654	Wheat bran, unprocessed	2			CXL	2004	37		2005	
AS 0654	Wheat, hay and/or straw	1			CXL	2001	35	34	2003	

204 Esfenvalerate

Main Uses: Insecticide

JMPR:

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	2002	45	43,44	2013	
PE 0112	Eggs	0.01 (*)			CXL	2002	36	35	2004	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	2002	36	35	2004	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2002	36	35	2004	
SO 0495	Rape seed	0.01 (*)			CXL	2002	36	35	2004	
VO 0448	Tomato	0.1			CXL	2002	45	43,44	2013	
GC 0654	Wheat	0.05			CXL	2002	45	43,44	2013	
AS 0654	Wheat, hay and/or straw	2			CXL	2002	36	35	2004	

205 Flutolanil

Main Uses: Fungicide

JMPR:

ADI: 0.09 mg/kg bw (2002)

Acute RfD: Unnecessary ((2002))

Residue: For compliance with MRL and for estimation of dietary intake for plant commodities: Flutolanil. For compliance with MRL and for estimation of dietary intake for animal commodities: Flutolanil and transformation products containing the 2-trifluoromethylbenzoic acid moiety, expressed as flutolanil. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.05 (*)			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.5			CXL	2013	46		2014	
PE 0112	Eggs	0.05 (*)			CXL	2002	36	35	2004	
VL 0054	Leaves of Brassicaceae (subgroup)	0.07			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2002	36	35	2004	
ML 0106	Milks	0.05 (*)			CXL	2002	36	35	2004	
PM 0110	Poultry meat	0.05 (*)			CXL	2002	36	35	2004	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2002	36	35	2004	
CM 1206	Rice bran, unprocessed	10			CXL	2002	36	35	2004	
AS 0649	Rice, hay and/or straw	10			CXL	2002	36	35	2004	
CM 0649	Rice, husked	2			CXL	2002	36	35	2004	
CM 1205	Rice, polished	1			CXL	2002	36	35	2004	

206 Imidacloprid

Main Uses: Insecticide

JMPR:

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

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

Residue: For compliance with the MRL and for estimation of dietary exposure for plant and animal commodities: Sum of imidacloprid and its metabolites containing the 6-chloropyridinyl moiety, expressed as imidacloprid. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	5			CXL	2008	41		2009	
FP 0226	Apple	0.5			CXL	2002	36	35	2004	
FI 0327	Banana	0.05			CXL	2002	36	35	2004	
AS 0640	Barley, hay and/or straw	1			CXL	2002	36	35	2004	
HH 0722	Basil, leaves	20			CXL	2015	48		2016	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	2			CXL	2002	36	35	2004	
FB 0018	Berries and other small fruits	5		Except cranberries, grapes, and strawberries.	CXL	2008	41		2009	
VB 0400	Broccoli	0.5			CXL	2002	36	35	2004	
VB 0402	Brussels sprouts	0.5			CXL	2002	36	35	2004	
VB 0041	Cabbages, head	0.5			CXL	2002	36	35	2004	
VB 0404	Cauliflower	0.5			CXL	2002	36	35	2004	
VS 0624	Celery	6			CXL	2012	45		2013	
GC 0080	Cereal grains (group)	0.05			CXL	2002	36	35	2004	
FS 0013	Cherries (subgroup)	4			CXL	2015	48		2016	
FC 0001	Citrus fruits (group)	1			CXL	2002	45	35,36	2013	
AB 0001	Citrus pulp, dried	10			CXL	2002	36	35	2004	
SB 0716	Coffee beans	1			CXL	2008	41		2009	
FB 0265	Cranberry	0.05 (*)			CXL	2006	39		2007	
VC 0424	Cucumber	1			CXL	2002	36	35	2004	
MO 0105	Edible offal (mammalian)	0.3			CXL	2008	41		2009	
VO 0440	Eggplant	0.2			CXL	2002	36	35	2004	
PE 0112	Eggs	0.02			CXL	2008	41		2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 0269	Grapes	1			CXL	2002	36	35	2004	
DH 1100	Hops, dry	10			CXL	2002	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	2002	36	35	2004	
VL 0482	Lettuce, head	2			CXL	2002	36	35	2004	
AS 0645	Maize fodder (dry)	0.2			CXL	2002	36	35	2004	
FI 0345	Mango	0.2			CXL	2002	36	35	2004	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2008	41		2009	
VC 0046	Melons (except watermelon)	0.2			CXL	2002	36	35	2004	
ML 0106	Milks	0.1			CXL	2008	41		2009	
AS 0647	Oat straw and fodder, dry	1			CXL	2002	36	35	2004	
SO 0305	Olives for oil production	2			CXL	2015	48		2016	
VA 0385	Onion, bulb	0.1			CXL	2002	36	35	2004	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	1			CXL	2008	41		2009	
AL 0697	Peanut fodder	30			CXL	2008	41		2009	
FP 0230	Pear	1			CXL	2002	36	35	2004	
VP 0063	Peas (pods and succulent=immature seeds)	5			CXL	2008	41		2009	
VP 0064	Peas, shelled (succulent seeds)	2			CXL	2008	41		2009	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2002	36	35	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HS 0444	Peppers chili, dried	10			CXL	2004	38	37	2006	
FS 0014	Plums (including fresh prunes) (subgroup)	1.5			CXL	2015	48		2016	
FI 0355	Pomegranate	1			CXL	2008	41		2009	
PM 0110	Poultry meat	0.02			CXL	2008	41		2009	
PO 0111	Poultry, edible offal of	0.05			CXL	2008	41		2009	
DF 0014	Prunes	5			CXL	2015	48		2016	
VD 0070	Pulses (group)	2		Except soya beans.	CXL	2012	45		2013	
VL 0494	Radish leaves (including radish tops)	5			CXL	2008	41		2009	
SO 0495	Rape seed	0.05		(*)	CXL	2002	36	35	2004	
VR 0075	Root and tuber vegetables (group)	0.5			CXL	2008	41		2009	
AS 0650	Rye straw and fodder, dry	1			CXL	2002	36	35	2004	
VD 0541	Soya bean (dry)	3			CXL	2015	48		2016	
AL 0541	Soya bean, hay and/or straw	50			CXL	2015	48		2016	
VC 0431	Squash, summer	1			CXL	2002	36	35	2004	
FB 0275	Strawberry	0.5			CXL	2008	41		2009	
SO 0702	Sunflower seed	0.05		(*)	CXL	2008	41		2009	
VO 0447	Sweet corn (corn-on-the-cob)	0.02		(*)	CXL	2002	36	35	2004	
AS 0447	Sweet corn fodder	5			CXL	2002	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	2002	36	35	2004	
TN 0085	Tree nuts (group)	0.01			CXL	2007	41		2009	
VC 0432	Watermelon	0.2			CXL	2002	36	35	2004	
CM 0654	Wheat bran, unprocessed	0.3			CXL	2002	36	35	2004	
CF 1211	Wheat flour	0.03			CXL	2002	36	35	2004	
AS 0654	Wheat, hay and/or straw	1			CXL	2002	36	35	2004	

207 Cyprodinil

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2003))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.05 (*)			CXL	2003	37	36	2005	
TN 0660	Almonds	0.02 (*)			CXL	2003	37	36	2005	
VS 0620	Artichoke, globe	4			CXL	2017	50		2018	
FI 0326	Avocado	1			CXL	2013	46		2014	
GC 0640	Barley	3			CXL	2003	37	36	2005	
VP 2060	Beans with pods (subgroup)	2			CXL	2017	50		2018	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.06			CXL	2013	46		2014	
FB 0018	Berries and other small fruits	10		Except grapes.	CXL	2013	46		2014	
VB 0041	Cabbages, head	0.7			CXL	2013	46		2014	
VR 0577	Carrot	1.5			CXL	2017	50		2018	
VS 0624	Celery	30			CXL	2017	50		2018	
DH 0170	Dried herbs	300		Except hops, dry.	CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.2		Except soya beans.	CXL	2021	53		2022	
VD 2066	Dry peas				(subgroup)		0.2		CXL	2021 53 2022
MO 0105	Edible offal (mammalian)	0.01			CXL	2013	46		2014	
PE 0112	Eggs	0.01 (*)			CXL	2003	37	36	2005	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	2			CXL	2013	46		2014	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2013	46		2014	
VO 0050	Fruiting vegetables, other than cucurbits (group)	2		Except sweet corn and mushroom.	CXL	2013	46		2014	
VR 0604	Ginseng	0.3			CXL	2021	53		2022	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DV 0604	Ginseng, dried including red ginseng	3			CXL	2021	53		2022	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2003	37	36	2005	
FB 0269	Grapes	3			CXL	2003	37	36	2005	
FT 0336	Guava	1.5			CXL	2017	50		2018	
HH 0092	Herbs	40			CXL	2013	46		2014	
VL 0053	Leafy vegetables (group)	50		Except brassica leafy vegetables.	CXL	2013	46		2014	
VL 0054	Leaves of Brassicaceae (subgroup)	15			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2003	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	2003	37	36	2005	
VA 0385	Onion, bulb	0.3			CXL	2003	37	36	2005	
VR 0588	Parsnip	0.7			CXL	2013	46		2014	
VP 2061	Peas with pods (subgroup)	2			CXL	2021	53		2022	
HS 0444	Peppers chili, dried	9			CXL	2013	46		2014	
FP 0009	Pome fruits (group)	2			CXL	2013	46		2014	
FI 0355	Pomegranate	5	Po		CXL	2018	51		2019	
VR 0589	Potato	0.01 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	2003	37	36	2005	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2003	37	36	2005	
DF 0014	Prunes	5			CXL	2003	37	36	2005	
VR 0494	Radish	0.3			CXL	2013	46		2014	
SO 0495	Rape seed	0.02			CXL	2015	48		2016	
VD 0541	Soya bean (dry)	0.3			CXL	2019	52		2021	
FS 0012	Stone fruits (group)	2			CXL	2003	37	36	2005	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	10			CXL	2003	37	36	2005	
TN 0085	Tree nuts (group)	0.04		Except almond and pistachio.	CXL	2017	50		2018	
GC 0654	Wheat	0.5			CXL	2003	37	36	2005	
CM 0654	Wheat bran, unprocessed	2			CXL	2003	37	36	2005	

208 Famoxadone

Main Uses: Fungicide

JMPR:

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	2003	37	36	2005	
AS 0640	Barley, hay and/or straw	5			CXL	2003	37	36	2005	
VA 2031	Bulb onions (subgroup)	0.4			CXL	2022	54		2023	
FB 2005	Cane berries (subgroup)	10			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.5			CXL	2003	37	36	2005	
PE 0112	Eggs	0.01 (*)			CXL	2003	37	36	2005	
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.6			CXL	2022	54		2023	
AB 0269	Grape pomace, dried	7			CXL	2003	37	36	2005	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2003	37	36	2005	
FB 0269	Grapes	2			CXL	2003	37	36	2005	
MU 1100	Hops, dried	50			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	2003	37	36	2005	
ML 0106	Milks	0.03 F			CXL	2003	37	36	2005	
VO 0444	Peppers chili	5			CXL	2022	54		2023	
HS 0444	Peppers chili, dried	50			CXL	2022	54		2023	
VO 0445	Peppers, sweet (including pimento or pimienta)	5			CXL	2022	54		2023	
VR 0589	Potato	0.02 (*)			CXL	2003	37	36	2005	
PM 0110	Poultry meat	0.01 (*)			CXL	2003	37	36	2005	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2003	37	36	2005	
VO 0448	Tomato	2			CXL	2022	54		2023	
GC 0654	Wheat	0.1			CXL	2003	37	36	2005	
CM 0654	Wheat bran, unprocessed	0.2			CXL	2003	37	36	2005	
AS 0654	Wheat, hay and/or straw	7			CXL	2003	37	36	2005	

209 Methoxyfenozide

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.9 mg/kg bw ((2003))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Methoxyfenozide. The residue is fat-soluble in its distribution between meat muscle and fat, but not in 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	2003	37	36	2005	
FI 0326	Avocado	0.7			CXL	2009	42		2010	
DH 0722	Basil leaves, dried	400			CXL	2021	53		2022	
HH 0722	Basil, leaves	80			CXL	2021	53		2022	
VD 0071	Bean (dry)	0.5			CXL	2009	42		2010	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.3			CXL	2009	42		2010	
FB 0020	Blueberries	4			CXL	2009	42		2010	
VB 0400	Broccoli	3			CXL	2003	37	36	2005	
VB 0041	Cabbages, head	7			CXL	2003	37	36	2005	
VR 0577	Carrot	0.5			CXL	2009	42		2010	
VS 0624	Celery	15			CXL	2003	37	36	2005	
FC 0001	Citrus fruits (group)	2			CXL	2012	45		2013	
SB 0716	Coffee beans	0.15			CXL	2021	53		2022	
VP 0526	Common bean (pods and/or immature seeds)	2			CXL	2009	42		2010	
SO 0691	Cotton seed	7			CXL	2003	37	36	2005	
VD 0527	Cowpea (dry)	5			CXL	2009	42		2010	
FB 0265	Cranberry	0.7			CXL	2009	42		2010	
MO 0105	Edible offal (mammalian)	0.2			CXL	2012	45		2013	
PE 0112	Eggs	0.01			CXL	2003	37	36	2005	
VC 0045	Fruiting vegetables, cucurbits (group)	0.3		Except watermelon.	CXL	2012	45		2013	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2003	37	36	2005	
FB 0269	Grapes	1			CXL	2003	37	36	2005	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0482	Lettuce, head	15			CXL	2003	37	36	2005	
VL 0483	Lettuce, leaf	30			CXL	2003	37	36	2005	
GC 0645	Maize	0.02 (*)			CXL	2003	37	36	2005	
AS 0645	Maize fodder (dry)	60 (dw)			CXL	2003	37	36	2005	
MF 0100	Mammalian fats (except milk fats)	0.3			CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.3 (fat)			CXL	2012	45		2013	
ML 0106	Milks	0.05			CXL	2009	42		2010	
VL 0485	Mustard greens	30			CXL	2003	37	36	2005	
FI 0350	Papaya	1			CXL	2009	42		2010	
SO 0697	Peanut	0.03			CXL	2009	42		2010	
AL 0697	Peanut fodder	80			CXL	2009	42		2010	
OR 0697	Peanut oil, edible	0.1			CXL	2009	42		2010	
VD 0072	Peas (dry)	5			CXL	2012	45		2013	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2012	45		2013	
VP 0064	Peas, shelled (succulent seeds)	0.3			CXL	2009	42		2010	
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2003	37	36	2005	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	20			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	2			CXL	2003	37	36	2005	
PM 0110	Poultry meat	0.01 (*)			CXL	2003	37	36	2005	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2003	37	36	2005	
DF 0014	Prunes	2			CXL	2003	37	36	2005	
VR 0494	Radish	0.4			CXL	2009	42		2010	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0494	Radish leaves (including radish tops)	7			CXL	2009	42		2010	
FS 0012	Stone fruits (group)	2			CXL	2003	37	36	2005	
FB 0275	Strawberry	2			CXL	2009	42		2010	
VR 0596	Sugar beet	0.3			CXL	2009	42		2010	
GS 0659	Sugar cane	0.015			CXL	2021	53		2022	
DM 0659	Sugar cane molasses	0.1			CXL	2021	53		2022	
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL	2003	37	36	2005	
AS 0447	Sweet corn fodder	7			CXL	2003	37	36	2005	
VR 0508	Sweet potato	0.02			CXL	2009	42		2010	
DT 1114	Tea, green, black (black, fermented and dried)	80			CXL	2021	53		2022	
VO 0448	Tomato	2			CXL	2003	37	36	2005	
TN 0085	Tree nuts (group)	0.1			CXL	2003	37	36	2005	

210 Pyraclostrobin

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.7 mg/kg bw ((2018))

Residue: For compliance with MRL and for estimation of dietary intake / risk assessment 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, hay and/or straw	30			CXL	2011	44		2012	
VS 0620	Artichoke, globe	2			CXL	2011	44		2012	
VS 0621	Asparagus	0.01 (*)			CXL	2018	51		2019	
FI 0326	Avocado	0.2			CXL	2018	51		2019	
FI 0327	Banana	0.02 (*)			CXL	2004	38	37	2006	
GC 0640	Barley	1			CXL	2011	44		2012	
VD 0071	Bean (dry)	0.2			CXL	2004	38	37	2006	
VP 2060	Beans with pods (subgroup)	0.3		Except common beans.	CXL	2018	51		2019	
FB 0264	Blackberries	3			CXL	2011	44		2012	
FB 0020	Blueberries	4			CXL	2011	44		2012	
VP 0523	Broad bean, without pods (succulent seeds)	0.01			CXL	2018	51		2019	
VB 0402	Brussels sprouts	0.3			CXL	2006	39		2007	
VB 0041	Cabbages, head	0.2			CXL	2006	39		2007	
SB 0715	Cacao beans	0.01			CXL	2018	51		2019	
VC 4199	Cantaloupe	0.2			CXL	2006	39		2007	
VS 0624	Celery	1.5			CXL	2018	51		2019	
FS 0013	Cherries (subgroup)	3		Includes all commodities in this subgroup.	CXL	2014	47		2015	
FC 0001	Citrus fruits (group)	2			CXL	2011	45	44	2013	
OR 0001	Citrus oil, edible	10			CXL	2012	45		2013	
SB 0716	Coffee beans	0.3			CXL	2006	39		2007	
VP 0526	Common bean (pods and/or immature seeds)	0.6			CXL	2018	51		2019	
VP 2845	Common beans (succulent seeds)	0.3			CXL	2018	51		2019	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 2066	Dry peas				(subgroup)		0.3		CXL	2018 51 2019
MO 0105	Edible offal (mammalian)	0.05			CXL	2018	51		2019	
VO 0440	Eggplant	0.3			CXL	2006	39		2007	
PE 0112	Eggs	0.05 (*)			CXL	2004	38	37	2006	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	0.1			CXL	2006	39		2007	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2011	44		2012	
VA 0381	Garlic	0.15			CXL	2011	44		2012	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2004	38	37	2006	
FB 0269	Grapes	2			CXL	2004	38	37	2006	
DH 1100	Hops, dry	15			CXL	2006	39		2007	
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand- headed kale; not including Marrow-stem kele)	1			CXL	2006	39		2007	
VA 0384	Leek	0.7			CXL	2006	39		2007	
VD 0533	Lentil (dry)	0.5			CXL	2004	38	37	2006	
VL 0482	Lettuce, head	40			CXL	2018	51		2019	
GC 0645	Maize	0.02 (*)			CXL	2004	38	37	2006	
MF 0100	Mammalian fats (except milk fats)	0.5			CXL	2018	51		2019	
FI 0345	Mango	0.6			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)			CXL	2018	51		2019	
ML 0106	Milks	0.03			CXL	2018	51		2019	
GC 0647	Oats	1			CXL	2011	44		2012	
SO 0089	Oilseed, except peanut	0.4			CXL	2011	44		2012	
OC 0305	Olive oil, virgin	0.07			CXL	2018	51		2019	
SO 0305	Olives for oil production	0.01			CXL	2018	51		2019	
VA 0385	Onion, bulb	1.5			CXL	2011	44		2012	
FI 0350	Papaya	0.15			CXL	2011	44		2012	
FI 0351	Passion fruit	0.2			CXL	2018	51		2019	
AL 0072	Pea, hay and/or straw	30			CXL	2004	38	37	2006	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.3			CXL	2014	47		2015	
AL 0697	Peanut fodder	50			CXL	2004	38	37	2006	
SO 0703	Peanut, whole	0.02 (*)			CXL	2004	38	37	2006	
VP 2061	Peas with pods (subgroup)	0.3			CXL	2018	51		2019	
VO 0051	Peppers (subgroup)	0.5		MRL provisionally applies to okra, martynia, and roselle.	CXL	2006	39		2007	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
FI 0353	Pineapple	0.3			CXL	2018	51		2019	
TN 0675	Pistachio nuts	1			CXL	2004	38	37	2006	
FS 0014	Plums (including fresh prunes) (subgroup)	0.8		Includes all commodities in this subgroup.	CXL	2014	47		2015	
FP 0009	Pome fruits (group)	0.7			CXL	2018	51		2019	
PM 0110	Poultry meat	0.05 (*) (fat)			CXL	2004	38	37	2006	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2004	38	37	2006	
VL 0494	Radish leaves (including radish tops)	20			CXL	2004	38	37	2006	
FB 0272	Raspberries, red, black	3			CXL	2011	44		2012	
GC 0649	Rice	1.5			CXL	2018	51		2019	
AS 0649	Rice, hay and/or straw	5 (dw)			CXL	2018	51		2019	
CM 0649	Rice, husked	0.09			CXL	2018	51		2019	
CM 1205	Rice, polished	0.03			CXL	2018	51		2019	
VR 2070	Root vegetables (subgroup)	0.5		Except sugar beet.	CXL	2019	52		2021	
GC 0650	Rye	0.2			CXL	2011	44		2012	
GC 0651	Sorghum grain	0.5			CXL	2011	44		2012	
VD 0541	Soya bean (dry)	0.05			CXL	2006	39		2007	
GC 4673	Spelt	0.2			CXL	2006	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0502	Spinach	0.6			CXL	2019	52		2021	
VA 0389	Spring onion	1.5			CXL	2011	44		2012	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	30			CXL	2004	38	37	2006	
FB 0275	Strawberry	1.5			CXL	2011	44		2012	
VP 2063	Succulent peas without pods (subgroup)	0.08			CXL	2018	51		2019	
GS 0659	Sugar cane	0.08			CXL	2018	51		2019	
FT 0305	Table olives	0.01			CXL	2018	51		2019	
DT 1114	Tea, green, black (black, fermented and dried)	6			CXL	2018	51		2019	
VO 0448	Tomato	0.3			CXL	2004	38	37	2006	
TN 0085	Tree nuts (group)	0.02 (*)		Except pistachio nuts.	CXL	2011	44		2012	
GC 0653	Triticale	0.2			CXL	2011	44		2012	
VR 2071	Tuberous and corm vegetables (subgroup)	0.02 (*)			CXL	2018	51		2019	
GC 0654	Wheat	0.2			CXL	2004	38	37	2006	
VL 2832	Witloof chicory (sprouts)	0.09			CXL	2018	51		2019	

211 Fludioxonil

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2004))

Residue: For compliance with MRLs and estimation of dietary intake in plant commodities: Fludioxonil. For compliance with MRLs and estimation of dietary intake in animal commodities: Sum of fludioxonil and metabolites determined as 2,2-difluorobenzo[1,1]dioxole-4-carboxylic acid, expressed as fludioxonil. Fludioxonil is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	20			CXL	2022	54		2023	
OR 0660	Almond oil	0.3			CXL	2022	54		2023	
FI 0326	Avocado	1.5			CXL	2018	51		2019	
FI 0327	Banana	2	Po		CXL	2022	54		2023	
VP 2060	Beans with pods (subgroup)	0.8		Except soya beans (succulent seeds in pods).	CXL	2022	54		2023	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.4			CXL	2013	46		2014	
FB 0264	Blackberries	5			CXL	2004	38	37	2006	
FB 0020	Blueberries	2			CXL	2018	51		2019	
VB 0400	Broccoli	0.7			CXL	2004	38	37	2006	
VA 2031	Bulb onions (subgroup)	0.5			CXL	2018	51		2019	
VB 0041	Cabbages, head	0.7			CXL	2018	51		2019	
VR 0577	Carrot	1			CXL	2018	51		2019	
VS 0624	Celery	15			CXL	2018	51		2019	
GC 0080	Cereal grains (group)	0.05 (*)			CXL	2004	38	37	2006	
FC 0001	Citrus fruits (group)	10	Po		CXL	2010	43		2011	
SO 0691	Cotton seed	0.05 (*)			CXL	2004	38	37	2006	
FB 0021	Currants, black, red, white	3			CXL	2018	51		2019	
FB 0266	Dewberries (including boysenberry and loganberry)	5			CXL	2004	38	37	2006	
DH 0170	Dried herbs	60			CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.3		Except soya beans.	CXL	2022	54		2023	
VD 2066	Dry peas				(subgroup)		0.3		CXL	2022 54 2023

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.15			CXL	2022	54		2023	
VO 0440	Eggplant	0.3			CXL	2004	38	37	2006	
PE 0112	Eggs	0.02			CXL	2018	51		2019	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2013	46		2014	
VR 0604	Ginseng	4			CXL	2013	46		2014	
FB 0269	Grapes	2			CXL	2004	38	37	2006	
VA 2032	Green onions (subgroup)	0.8			CXL	2018	51		2019	
FT 0336	Guava	0.5			CXL	2018	51		2019	
HH 0092	Herbs	9			CXL	2013	46		2014	
FI 0341	Kiwifruit	15	Po		CXL	2004	38	37	2006	
VL 0054	Leaves of Brassicaceae	15		Except radish (subgroup)	CXL	2018	51		2019	
VL 0482	Lettuce, head	10			CXL	2004	38	37	2006	
VL 0483	Lettuce, leaf	40			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2022	54		2023	
FI 0345	Mango	7	Po		CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	2022	54		2023	
ML 0106	Milks	0.07			CXL	2022	54		2023	
FI 0350	Papaya	5	Po		CXL	2022	54		2023	
VP 2061	Peas with pods (subgroup)	0.8			CXL	2022	54		2023	
VP 0064	Peas, shelled (succulent seeds)	0.03			CXL	2004	38	37	2006	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2013	46		2014	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	4			CXL	2013	46		2014	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0353	Pineapple	5	Po		CXL	2018	51		2019	
TN 0675	Pistachio nuts	0.2			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	5	Po		CXL	2006	39		2007	
FI 0355	Pomegranate	3	Po		CXL	2018	51		2019	
VR 0589	Potato	5	Po		CXL	2013	46		2014	
PF 0111	Poultry fats	0.01	(*)		CXL	2018	51		2019	
PM 0110	Poultry meat	0.01	(*)		CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.1			CXL	2018	51		2019	
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	2004	38	37	2006	
FB 0272	Raspberries, red, black	5			CXL	2004	38	37	2006	
VD 0541	Soya bean (dry)	0.2			CXL	2018	51		2019	
VL 0502	Spinach	30			CXL	2013	46		2014	
FS 0012	Stone fruits (group)	5	Po		CXL	2004	38	37	2006	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.06	(*)		CXL	2004	38	37	2006	
FB 0275	Strawberry	3			CXL	2004	38	37	2006	
VR 0596	Sugar beet	4	Po		CXL	2022	54		2023	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	2004	38	37	2006	
AS 0447	Sweet corn fodder	20			CXL	2006	39		2007	
VR 0508	Sweet potato	10	Po		CXL	2010	43		2011	
VO 0448	Tomato	3	Po		CXL	2013	46		2014	
TN 0085	Tree nuts (group)	0.3		Except Canarium nut, Chilean hazelnut, and pistachios.	CXL	2022	54		2023	
VL 0473	Watercress	10			CXL	2004	38	37	2006	
VR 0600	Yams	10	Po		CXL	2010	43		2011	

212 Metalaxyl-M

Main Uses: Fungicide

JMPR:

ADI: 0–0.08 mg/kg bw Applies to metalaxyl and metalaxyl-M (alone or in combination) (2021)

Acute RfD: 0.5 mg/kg bw (Applies to metalaxyl and metalaxyl-M (alone or in combination)) (2021)

Residue: For metalaxyl and metalaxyl-M for compliance with the MRL for plant commodities: Metalaxyl (sum of enantiomers).

For metalaxyl and metalaxyl-M for dietary risk assessment in plant commodities: Metalaxyl (sum of enantiomers) and N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (M8; free and conjugated; sum of enantiomers), expressed as metalaxyl.

For metalaxyl and metalaxyl-M for compliance with the MRL in animal commodities: Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.

For metalaxyl and metalaxyl-M for dietary risk assessment in animal commodities: Sum of metalaxyl (sum of enantiomers) and metabolites (free + conjugated) M1 (N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine), M3 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine methyl ester), M6 (N-(2,6-dimethylphenyl)-N-(hydroxyacetyl)alanine), M7 (N-(2,6-dimethyl-5-hydroxyphenyl)-N-(methoxyacetyl)alanine methyl ester) and M8 (N-(2-hydroxymethyl-6-methylphenyl)-N-(methoxyacetyl)alanine methyl ester (sum of enantiomers), expressed as metalaxyl.

The residue is not fat-soluble.

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. See Metalaxyl (138) (53:54).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 4095	Acerola				CXL					

213 Trifloxystrobin

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2004))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	2004	38	37	2006	
VS 0621	Asparagus	0.05 (*)			CXL	2012	45		2013	
FI 0327	Banana	0.05			CXL	2004	38	37	2006	
GC 0640	Barley	0.5			CXL	2004	38	37	2006	
AS 0640	Barley, hay and/or straw	7			CXL	2004	38	37	2006	
VD 0071	Bean (dry)	0.01 (*)			CXL	2015	48		2016	
VP 2060	Beans with pods (subgroup)	0.5			CXL	2021	53		2022	
FB 0261	Bilberry	3			CXL	2021	53		2022	
FB 0263	Bilberry, red	3			CXL	2021	53		2022	
FB 0020	Blueberries	3			CXL	2021	53		2022	
VB 0402	Brussels sprouts	0.1			CXL	2004	38	37	2006	
VB 0041	Cabbages, head	1.5			CXL	2017	50		2018	
FB 2005	Cane berries (subgroup)	3			CXL	2021	53		2022	
VR 0577	Carrot	0.1			CXL	2004	38	37	2006	
VS 0624	Celery	1			CXL	2004	38	37	2006	
FC 0001	Citrus fruits (group)	0.5			CXL	2004	38	37	2006	Recommended withdrawal by JMPR (2021). Retained under the 4-year rule, awaiting the evaluation by JMPR. New residue data for citrus fruit would be available in December 2023 (53:85).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB 0001	Citrus pulp, dried	1			CXL	2004	38	37	2006	Recommended withdrawal by JMPR (2021). Retained under the 4-year rule, awaiting the evaluation by JMPR. New residue data for citrus fruit would be available in December 2023 (53:85).
SB 0716	Coffee beans	0.015			CXL	2021	53		2022	
VL 0470	Corn salad	15			CXL	2021	53		2022	
SO 0691	Cotton seed	0.4			CXL	2017	50		2018	
FB 0021	Currants, black, red, white	3			CXL	2021	53		2022	
MO 0105	Edible offal (mammalian)	0.09			CXL	2021	53		2022	
VO 0440	Eggplant	0.7			CXL	2012	45		2013	
PE 0112	Eggs	0.04 (*)			CXL	2021	53		2022	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	0.5			CXL	2004	38	37	2006	
VC 0045	Fruiting vegetables, cucurbits (group)	0.3			CXL	2004	38	37	2006	
VR 0604	Ginseng	0.03 (*)			CXL	2017	50		2018	
FB 0268	Gooseberry	3			CXL	2021	53		2022	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2004	38	37	2006	
FB 0269	Grapes	3			CXL	2004	38	37	2006	
DH 1100	Hops, dry	40			CXL	2004	38	37	2006	
VA 0384	Leek	0.7			CXL	2004	38	37	2006	
VD 0533	Lentil (dry)	0.01			CXL	2015	48		2016	
VL 0482	Lettuce, head	15			CXL	2012	45		2013	
VL 0483	Lettuce, leaf	15			CXL	2021	53		2022	
SO 0693	Linseed	0.4			CXL	2021	53		2022	
GC 0645	Maize	0.02			CXL	2004	38	37	2006	
AS 0645	Maize fodder (dry)	10			CXL	2004	38	37	2006	
MF 0100	Mammalian fats (except milk fats)	0.07			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.07 (fat)			CXL	2021	53		2022	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.02 (*)			CXL	2021	53		2022	
OR 0305	Olive oil, refined	1.2			CXL	2012	45		2013	
OC 0305	Olive oil, virgin	0.9			CXL	2012	45		2013	
FI 0350	Papaya	0.6			CXL	2012	45		2013	
SO 0697	Peanut	0.02 (*)			CXL	2004	38	37	2006	
AL 0697	Peanut fodder	5			CXL	2004	38	37	2006	
VD 0072	Peas (dry)	0.01			CXL	2015	48		2016	
VP 2061	Peas with pods (subgroup)	1.5			CXL	2021	53		2022	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.3			CXL	2004	38	37	2006	
FP 0009	Pome fruits (group)	0.7			CXL	2004	38	37	2006	
VR 0589	Potato	0.02 (*)			CXL	2004	38	37	2006	
PF 0111	Poultry fats	0.04 (*)			CXL	2021	53		2022	
PM 0110	Poultry meat	0.04 (*) (fat)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.04 (*)			CXL	2021	53		2022	
VR 0494	Radish	0.08			CXL	2012	45		2013	
VL 0494	Radish leaves (including radish tops)	15			CXL	2012	45		2013	
GC 0649	Rice	5			CXL	2004	38	37	2006	
CM 1206	Rice bran, unprocessed	7			CXL	2004	38	37	2006	
AS 0649	Rice, hay and/or straw	10			CXL	2004	38	37	2006	
FB 0273	Rose hips	3			CXL	2021	53		2022	
VD 0541	Soya bean (dry)	0.05			CXL	2015	48		2016	
VL 0502	Spinach	20			CXL	2017	50		2018	
FS 0012	Stone fruits (group)	3			CXL	2004	38	37	2006	
FB 0275	Strawberry	1			CXL	2012	45		2013	
VR 0596	Sugar beet	0.05			CXL	2004	38	37	2006	
DM 0596	Sugar beet molasses	0.1			CXL	2004	38	37	2006	
AM 3599	Sugar beet, dried pulp	0.2			CXL	2004	38	37	2006	
FT 0305	Table olives	0.3			CXL	2012	45		2013	
VO 0448	Tomato	0.7			CXL	2004	38	37	2006	
TN 0085	Tree nuts (group)	0.02 (*)			CXL	2004	38	37	2006	
GC 0654	Wheat	0.2			CXL	2004	38	37	2006	
CM 0654	Wheat bran, unprocessed	0.5			CXL	2004	38	37	2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	5			CXL	2004	38	37	2006	

214 Dimethenamid-P

Main Uses: Herbicide

JMPR:

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
VD 0071	Bean (dry)	0.01 (*)			CXL	2005	38		2006	
AL 0061	Bean, hay and/or straw	0.01 (*)			CXL	2005	38		2006	
VR 0574	Beetroot	0.01 (*)			CXL	2005	38		2006	
PE 0112	Eggs	0.01 (*)			CXL	2005	38		2006	
AM 1051	Fodder beet, roots	0.01 (*)			CXL	2005	38		2006	
VA 0381	Garlic	0.01 (*)			CXL	2005	38		2006	
GC 0645	Maize	0.01 (*)			CXL	2005	38		2006	
AS 0645	Maize fodder (dry)	0.01 (*)			CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2005	38		2006	
ML 0106	Milks	0.01 (*)			CXL	2005	38		2006	
VA 0385	Onion, bulb	0.01 (*)			CXL	2005	38		2006	
SO 0697	Peanut	0.01 (*)			CXL	2005	38		2006	
AL 0697	Peanut fodder	0.01 (*)			CXL	2005	38		2006	
VR 0589	Potato	0.01 (*)			CXL	2005	38		2006	
PM 0110	Poultry meat	0.01 (*)			CXL	2005	38		2006	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2005	38		2006	
VA 0388	Shallot	0.01 (*)			CXL	2005	38		2006	
GC 0651	Sorghum grain	0.01 (*)			CXL	2005	38		2006	
AS 0651	Sorghum straw and fodder, dry	0.01 (*)			CXL	2005	38		2006	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2005	38		2006	
VR 0596	Sugar beet	0.01 (*)			CXL	2005	38		2006	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2005	38		2006	
VR 0508	Sweet potato	0.01 (*)			CXL	2005	38		2006	

215 Fenhexamid

Main Uses: Fungicide

JMPR:

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	2005	38		2006	
TN 0660	Almonds	0.02 (*)			CXL	2005	38		2006	
FS 0240	Apricot	10			CXL	2005	38		2006	
VS 0621	Asparagus	0.02			CXL	2021	53		2022	
FB 0261	Bilberry	5			CXL	2005	38		2006	
FB 0264	Blackberries	15			CXL	2005	38		2006	
FB 0020	Blueberries	5			CXL	2005	38		2006	
VA 2031	Bulb onions (subgroup)	3			CXL	2021	53		2022	
FS 0013	Cherries (subgroup)	7			CXL	2005	38		2006	
VC 0424	Cucumber	1			CXL	2005	38		2006	
FB 0021	Currants, black, red, white	5			CXL	2005	38		2006	
FB 0266	Dewberries (including boysenberry and loganberry)	15			CXL	2005	38		2006	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2005	38		2006	
VO 0440	Eggplant	2			CXL	2005	38		2006	
FB 0267	Elderberries	5			CXL	2005	38		2006	
VC 0425	Gherkin	1			CXL	2005	38		2006	
FB 0268	Gooseberry	5			CXL	2005	38		2006	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	25			CXL	2005	38		2006	
FB 0269	Grapes	15			CXL	2005	38		2006	
FB 0270	Juneberries	5			CXL	2005	38		2006	
FI 0341	Kiwifruit	15			CXL	2005	38		2006	
VL 0482	Lettuce, head	30			CXL	2005	38		2006	
VL 0483	Lettuce, leaf	30			CXL	2005	38		2006	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*) (fat)			CXL	2005	38		2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.01	(*) F		CXL	2005	38		2006	
FS 0245	Nectarine	10			CXL	2005	38		2006	
FS 0247	Peach	10			CXL	2005	38		2006	
FP 0230	Pear	6	Po		CXL	2021	53		2022	
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, martynia, and roselle.	CXL	2005	38		2006	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
FS 0014	Plums (including fresh prunes) (subgroup)	1			CXL	2005	38		2006	
FB 0272	Raspberries, red, black	15			CXL	2005	38		2006	
VC 0431	Squash, summer	1			CXL	2005	38		2006	
FB 0275	Strawberry	10			CXL	2005	38		2006	
VO 0448	Tomato	2			CXL	2005	38		2006	

216 Indoxacarb

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2005))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	60			CXL	2005	38		2006	
AM 0660	Almond hulls	9	(dw)		CXL	2022	54		2023	
FP 0226	Apple	0.5			CXL	2005	38		2006	
VP 2060	Beans with pods (subgroup)	0.9		Except soya bean.	CXL	2022	54		2023	
VR 0574	Beetroot	0.5			CXL	2022	54		2023	
VB 0400	Broccoli	0.2			CXL	2005	38		2006	
FB 2006	Bush berries (subgroup)	2			CXL	2022	54		2023	
VB 0041	Cabbages, head	3			CXL	2005,2007	40	38,39	2008	
VB 0404	Cauliflower	0.2			CXL	2005	38		2006	
VD 0524	Chick-pea (dry)	0.2			CXL	2005	38		2006	
AM 0691	Cotton fodder, dry	20			CXL	2005	38		2006	
SO 0691	Cotton seed	1			CXL	2005	38		2006	
VD 0527	Cowpea (dry)	0.1			CXL	2009	42		2010	
FB 0265	Cranberry	1			CXL	2009	42		2010	
VD 2065	Dry beans (subgroup)	0.09		Except cowpea, mung bean, and soya bean.	CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.05			CXL	2022	54		2023	
VO 0440	Eggplant	0.5			CXL	2005	38		2006	
PE 0112	Eggs	0.02			CXL	2009	42		2010	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2009	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2005	38		2006	
FB 0269	Grapes	2			CXL	2005	38		2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0482	Lettuce, head	7			CXL	2005	38		2006	
VL 0483	Lettuce, leaf	3			CXL	2012	45		2013	
GC 2091	Maize cereals (subgroup)	0.015			CXL	2022	54		2023	
AS 3558	Maize, stover	25	(dw)		CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	2			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	2022	54		2023	
FM 0183	Milk fats	6			CXL	2022	54		2023	
ML 0106	Milks	0.2			CXL	2022	54		2023	
HH 0738	Mints	15			CXL	2009	42		2010	
VD 0536	Mung bean (dry)	0.2			CXL	2005	38		2006	
SO 0697	Peanut	0.02	(*)		CXL	2005	38		2006	
AL 0697	Peanut fodder	50			CXL	2005	38		2006	
FP 0230	Pear	0.2			CXL	2005	38		2006	
VO 0051	Peppers (subgroup)	0.3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2005	38		2006	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
VR 0589	Potato	0.02			CXL	2005	38		2006	
PM 0110	Poultry meat	0.01	(*) (fat)		CXL	2009	42		2010	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2009	42		2010	
DF 0014	Prunes	3			CXL	2009	42		2010	
VD 0541	Soya bean (dry)	0.5			CXL	2005	38		2006	
FS 0012	Stone fruits (group)	1			CXL	2009	42		2010	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	2005	38		2006	
DT 1114	Tea, green, black (black, fermented and dried)	5			CXL	2013	46		2014	
VO 0448	Tomato	0.5			CXL	2005	38		2006	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN	0085 Tree nuts (group)	0.07			CXL	2022	54		2023	

217 Novaluron

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2005))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			3	2024	56			
VD 0071	Bean (dry)	0.1			CXL	2010	43		2011	
FB 0020	Blueberries	7			CXL	2010	43		2011	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.7			CXL	2010	43		2011	
VL 0464	Chard	15			CXL	2010	43		2011	
VP 0526	Common bean (pods and/or immature seeds)	0.7			CXL	2010	43		2011	
SO 0691	Cotton seed	0.5			CXL	2005	38		2006	
MO 0105	Edible offal (mammalian)	0.7			CXL	2010	43		2011	
PE 0112	Eggs	0.1			CXL	2010	43		2011	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2010	43		2011	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.7		Except sweet corn.	CXL	2010	43		2011	
PF 0111	Group of avian fats	1.5			3	2024	56			
PM 0110	Group of avian muscle	0.04			3	2024	56			
PO 0111	Group of avian, edible offal of	0.1			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.2			3	2024	56			
PE 0112	Group of eggs	0.3			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	3			3	2024	56			
FM 0106	Group of milk fats	3			3	2024	56			
ML 0106	Group of milks	0.2			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.2			3	2024	56			

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)	10			CXL	2010	43		2011	
FM 0183	Milk fats	7			CXL	2010	43		2011	
ML 0106	Milks	0.4			CXL	2010	43		2011	
VL 0485	Mustard greens	25			CXL	2010	43		2011	
FP 0009	Pome fruits (group)	3			CXL	2005	38		2006	
VR 0589	Potato	0.01		(*)	CXL	2005	38		2006	
PM 0110	Poultry meat	0.5		(fat)	CXL	2010	43		2011	
PO 0111	Poultry, edible offal of	0.1			CXL	2010	43		2011	
DF 0014	Prunes	3			CXL	2010	43		2011	
GC 0649	Rice	5			3	2024	56			
CM 1205	Rice, polished	0.15			3	2024	56			
VP 0541	Soya bean (immature seeds)	0.01		(*)	CXL	2005	38		2006	
FS 0012	Stone fruits (group)	7			CXL	2010	43		2011	
FB 0275	Strawberry	0.5			CXL	2010	43		2011	
GS 0659	Sugar cane	0.5			CXL	2010	43		2011	
AS 0447	Sweet corn fodder	40			CXL	2005	38		2006	
TN 0085	Tree nuts (group)	0.08			3	2024	56			

218 Sulfuryl fluoride

Main Uses: Fumigant

JMPR:

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	2005	38		2006	
CF 0081	Cereal bran, processed	0.1	Po		CXL	2005	38		2006	
GC 0080	Cereal grains (group)	0.05	Po		CXL	2005	38		2006	
DF 0167	Dried fruits	0.06	Po		CXL	2005	38		2006	
CF 1255	Maize flour	0.1	Po		CXL	2005	38		2006	
CF 0645	Maize meal	0.1	Po		CXL	2005	38		2006	
CM 0649	Rice, husked	0.1	Po		CXL	2005	38		2006	
CM 1205	Rice, polished	0.1	Po		CXL	2005	38		2006	
CF 1250	Rye flour	0.1	Po		CXL	2005	38		2006	
CF 1251	Rye wholemeal	0.1	Po		CXL	2005	38		2006	
TN 0085	Tree nuts (group)	3	Po		CXL	2005	38		2006	
CF 1211	Wheat flour	0.1	Po		CXL	2005	38		2006	
CF 1210	Wheat germ	0.1	Po		CXL	2005	38		2006	
CF 1212	Wheat wholemeal	0.1	Po		CXL	2005	38		2006	

219 Bifenazate

Main Uses: Acaricide

JMPR:

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

Acute RfD: Unnecessary ((2006))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2006	39		2007	
VD 0071	Bean (dry)	0.3			CXL	2010	43		2011	
FB 0264	Blackberries	7			CXL	2010	43		2011	
SO 0691	Cotton seed	0.3			CXL	2006	39		2007	
FB 0266	Dewberries (including boysenberry and loganberry)	7			CXL	2010	43		2011	
MO 0105	Edible offal (mammalian)	0.01		(*)	CXL	2006	39		2007	
PE 0112	Eggs	0.01		(*)	CXL	2006	39		2007	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2006	39		2007	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2006	39		2007	
FB 0269	Grapes	0.7			CXL	2006	39		2007	
DH 1100	Hops, dry	20			CXL	2006	39		2007	
VP 0060	Legume vegetables (group)	7			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.05		(fat)	CXL	2006,2007	40	39	2008	
FM 0183	Milk fats	0.05			CXL	2006	39		2007	
ML 0106	Milks	0.01		(*)	CXL	2006	39		2007	
HH 0738	Mints	40			CXL	2006	39		2007	
VO 0444	Peppers chili	3			CXL	2006	39		2007	
VO 0445	Peppers, sweet (including pimento or pimienta)	2			CXL	2006	39		2007	
FP 0009	Pome fruits (group)	0.7			CXL	2006	39		2007	
PM 0110	Poultry meat	0.01		(*) (fat)	CXL	2006	39		2007	
PO 0111	Poultry, edible offal of	0.01		(*)	CXL	2006	39		2007	
FB 0272	Raspberries, red, black	7			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0012	Stone fruits (group)	2			CXL	2006	39		2007	
FB 0275	Strawberry	2			CXL	2006	39		2007	
VO 0448	Tomato	0.5			CXL	2006	39		2007	
TN 0085	Tree nuts (group)	0.2			CXL	2006	39		2007	

220 Aminopyralid

Main Uses: Herbicide

JMPR:

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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.1			CXL	2007	40		2008	
MO 0105	Edible offal (mammalian)	0.05		Except kidney.	CXL	2007	40		2008	
PE 0112	Eggs	0.01 (*)			CXL	2007	40		2008	
AS 0164	Fodder (dry) of cereal grains	3			CXL	2007	40		2008	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	70			CXL	2007	40		2008	
MO 0098	Kidney of cattle, goats, pigs and sheep	1			CXL	2007	40		2008	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2007	40		2008	
ML 0106	Milks	0.02			CXL	2007	40		2008	
GC 0647	Oats	0.1			CXL	2007	40		2008	
PM 0110	Poultry meat	0.01 (*)			CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2007	40		2008	
AS 0163	Straw of cereal grains	0.3			CXL	2007	40		2008	
GC 0653	Triticale	0.1			CXL	2007	40		2008	
GC 0654	Wheat	0.1			CXL	2007	40		2008	
CM 0654	Wheat bran, unprocessed	0.3			CXL	2007	40		2008	

221 Boscalid

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2006))

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant commodities: Boscalid. For estimation of dietary intake) for animal commodities: Sum of boscalid, 2-chloro-N-(4'-chloro-5-hydroxybiphenyl-2-yl)nicotinamide including its conjugate, expressed as boscalid. The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			CXL	2009	42		2010	
FI 0327	Banana	0.6			CXL	2008	42	41	2010	
GC 0640	Barley	0.5			CXL	2009	42		2010	
AS 0640	Barley, hay and/or straw	50	(dw)		CXL	2009	42		2010	
FB 0018	Berries and other small fruits	10		Except strawberry and grapes.	CXL	2009	42		2010	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	5			CXL	2009	42		2010	
VA 0035	Bulb vegetables (group)	5			CXL	2009	42		2010	
GC 0080	Cereal grains (group)	0.1		Except barley, oats, rye, and wheat.	CXL	2009	42		2010	
FS 0013	Cherries (subgroup)	5			CXL	2019	52		2021	
FC 0001	Citrus fruits (group)	2			CXL	2010	43		2011	
OR 0001	Citrus oil, edible	50			CXL	2010	43		2011	
OR 0001	Citrus oil, edible	15			CXL	2009	42		2010	
AB 0001	Citrus pulp, dried	6			CXL	2010	43		2011	
SB 0716	Coffee beans	0.05	(*)		CXL	2009	42		2010	
MO 0105	Edible offal (mammalian)	0.2			CXL	2009	42		2010	
PE 0112	Eggs	0.02			CXL	2009	42		2010	
VC 0045	Fruiting vegetables, cucurbits (group)	3			CXL	2009	42		2010	
VO 0050	Fruiting vegetables, other than cucurbits (group)	3		Except fungi, mushroom, and sweet corn.	CXL	2009	42		2010	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	10			CXL	2009	42		2010	
FB 0269	Grapes	5			CXL	2009	42		2010	
DH 1100	Hops, dry	60			CXL	2010	43		2011	
FI 0341	Kiwifruit	5			CXL	2009	42		2010	
VL 0053	Leafy vegetables (group)	40			CXL	2010	43		2011	
VP 0060	Legume vegetables (group)	3			CXL	2009	42		2010	
FI 0345	Mango	2			CXL	2019	52		2021	
MM 0095	Meat (from mammals other than marine mammals)	0.7	(fat)		CXL	2009	42		2010	
FM 0183	Milk fats	2			CXL	2009	42		2010	
ML 0106	Milks	0.1			CXL	2009	42		2010	
AS 0647	Oat straw and fodder, dry	50	(dw)		CXL	2009	42		2010	
GC 0647	Oats	0.5			CXL	2009	42		2010	
SO 0088	Oilseeds and oilfruits (group)	1			CXL	2009	42		2010	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	4			CXL	2019	52		2021	
HS 0444	Peppers chili, dried	10			CXL	2009	42		2010	
TN 0675	Pistachio nuts	1			CXL	2009	42		2010	
FS 0014	Plums (including fresh prunes) (subgroup)	1.5			CXL	2019	52		2021	
FP 0009	Pome fruits (group)	2			CXL	2019	52		2021	
FI 0355	Pomegranate	2			CXL	2023	55		2024	
PF 0111	Poultry fats	0.02			CXL	2009	42		2010	
PM 0110	Poultry meat	0.02			CXL	2009	42		2010	
PO 0111	Poultry, edible offal of	0.02			CXL	2009	42		2010	
DF 0014	Prunes	5			CXL	2019	52		2021	
VD 0070	Pulses (group)	3			CXL	2009	42		2010	
VR 0075	Root and tuber vegetables (group)	2			CXL	2009	42		2010	
GC 0650	Rye	0.5			CXL	2009	42		2010	
AS 0650	Rye straw and fodder, dry	50	(dw)		CXL	2009	42		2010	
VS 0078	Stalk and stem vegetables	30			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	5 (dw)		Except straw and fodder of barley, oats, rye, and wheat.	CXL	2009	42		2010	
FB 0275	Strawberry	3			CXL	2009	42		2010	
DT 1114	Tea, green, black (black, fermented and dried)	40			CXL	2019	52		2021	
TN 0085	Tree nuts (group)	0.05 (*)		Except pistachio.	CXL	2009	42		2010	
GC 0654	Wheat	0.5			CXL	2009	42		2010	
AS 0654	Wheat, hay and/or straw	50 (dw)			CXL	2009	42		2010	

222 Quinoxifen

Main Uses: Fungicide

JMPR:

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	2006	39		2007	
FS 0013	Cherries (subgroup)	0.5			CXL	2021	53		2022	
FB 0278	Currant, black	1			CXL	2006	39		2007	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2006	39		2007	
PE 0112	Eggs	0.01 (*)			CXL	2006	39		2007	
FB 0269	Grapes	2			CXL	2006	39		2007	
DH 1100	Hops, dry	1			CXL	2006	39		2007	
VL 0482	Lettuce, head	8			CXL	2006	39		2007	
VL 0483	Lettuce, leaf	20			CXL	2006	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2007	40	39	2008	
VC 0046	Melons (except watermelon)	0.1			CXL	2006	39		2007	
FM 0183	Milk fats	0.2			CXL	2006	39		2007	
ML 0106	Milks	0.01			CXL	2006	39		2007	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2006	39		2007	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2006	39		2007	
PM 0110	Poultry meat	0.02 (fat)			CXL	2006	39		2007	
PO 0111	Poultry, edible offal of	0.01			CXL	2006	39		2007	
FB 0275	Strawberry	1			CXL	2006	39		2007	

Commodity			MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name											
VR 0596	Sugar beet		0.03				CXL	2006	39		2007	
GC 0654	Wheat		0.01 (*)				CXL	2006	39		2007	

223 Thiacloprid

Main Uses: Insecticide

JMPR:

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: Thiacloprid. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2006	39		2007	
FB 0018	Berries and other small fruits	1			CXL	2006	39		2007	
SO 0691	Cotton seed	0.02 (*)			CXL	2006	39		2007	
VC 0424	Cucumber	0.3			CXL	2006	39		2007	
MO 0105	Edible offal (mammalian)	0.5			CXL	2006	39		2007	
VO 0440	Eggplant	0.7			CXL	2006	39		2007	
PE 0112	Eggs	0.02 (*)			CXL	2006	39		2007	
FI 0341	Kiwifruit	0.2			CXL	2006	39		2007	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2006	39		2007	
VC 0046	Melons (except watermelon)	0.2			CXL	2006	39		2007	
ML 0106	Milks	0.05			CXL	2006	39		2007	
SO 0485	Mustard seed	0.5			CXL	2006	39		2007	
VO 0445	Peppers, sweet (including pimento or pimienta)	1			CXL	2006	39		2007	
FP 0009	Pome fruits (group)	0.7			CXL	2006	39		2007	
VR 0589	Potato	0.02 (*)			CXL	2006	39		2007	
PM 0110	Poultry meat	0.02 (*)			CXL	2006	39		2007	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2006	39		2007	
SO 0495	Rape seed	0.5			CXL	2006	39		2007	
GC 0649	Rice	0.02 (*)			CXL	2006	39		2007	
VC 0431	Squash, summer	0.3			CXL	2006	39		2007	
FS 0012	Stone fruits (group)	0.5			CXL	2006	39		2007	
VO 0448	Tomato	0.5			CXL	2006	39		2007	
TN 0085	Tree nuts (group)	0.02			CXL	2006	39		2007	
VC 0432	Watermelon	0.2			CXL	2006	39		2007	
GC 0654	Wheat	0.1			CXL	2006	39		2007	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	5			CXL	2006	39		2007	
VC 0433	Winter squash	0.2			CXL	2006	39		2007	

224 Difenoconazole

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2007))

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	1.5			CXL	2017	50		2018	
VS 0621	Asparagus	0.03			CXL	2007	40		2008	
FI 0326	Avocado	0.6			CXL	2015	48		2016	
FI 0327	Banana	0.1			CXL	2007	40		2008	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.7			CXL	2010	43		2011	
FB 0020	Blueberries	4			CXL	2017	50		2018	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2013	46		2014	
FB 2005	Cane berries (subgroup)	3			CXL	2023	55		2024	
VR 0577	Carrot	0.2			CXL	2007	40		2008	
VR 0578	Celeriac	0.5			CXL	2007	40		2008	
VS 0624	Celery	3			CXL	2007	40		2008	
FC 0001	Citrus fruits (group)	0.6			CXL	2013	46		2014	
SB 0716	Coffee beans	0.01	(*)		CXL	2017	50		2018	
SO 0691	Cotton seed	0.4			CXL	2021	53		2022	
FB 0265	Cranberry	0.6			CXL	2021	53		2022	
VC 0424	Cucumber	0.2			CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.05		Except soya bean.	CXL	2017	50		2018	
VD 2066	Dry peas				(subgroup)		0.15		CXL	2017 50 2018
MO 0105	Edible offal (mammalian)	1.5			CXL	2013	46		2014	
PE 0112	Eggs	0.03			CXL	2013	46		2014	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.6		Except goji berry and chili pepper.	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA 0381	Garlic	0.02 (*)			CXL	2007	40		2008	
VC 0425	Gherkin	0.2			CXL	2013	46		2014	
DV 0784	Ginger rhizome, dried	1.5			CXL	2022	54		2023	
HS 0784	Ginger, rhizome	0.2			CXL	2022	54		2023	
VR 0604	Ginseng	0.08			CXL	2013	46		2014	
DV 0604	Ginseng, dried including red ginseng	0.8			CXL	2017	50		2018	
DM 0604	Ginseng, extracts	0.6			CXL	2013	46		2014	
VO 2704	Goji berry	5			CXL	2022	54		2023	
DV 2704	Goji berry, dried	15			CXL	2022	54		2023	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	6			CXL	2013	46		2014	
FB 0269	Grapes	3			CXL	2013	46		2014	
FT 0336	Guava	0.15			CXL	2021	53		2022	
VA 0384	Leek	0.3			CXL	2007	40		2008	
VL 0482	Lettuce, head	2			CXL	2007	40		2008	
VL 0483	Lettuce, leaf	2			CXL	2007	40		2008	
GC 2091	Maize cereals (subgroup)	0.015			CXL	2023	55		2024	
CF 1255	Maize flour	0.015			CXL	2023	55		2024	
CF 3517	Maize gluten	0.05			CXL	2023	55		2024	Value not relevant for IEDI assessment calculations.
OC 0645	Maize oil, crude	0.02			CXL	2023	55		2024	
AS 3557	Maize, hay and/or straw	15 (dw)			CXL	2023	55		2024	Value not relevant for IEDI assessment calculations.
FI 0345	Mango	0.07			CXL	2007	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	
VL 0485	Mustard greens	8			CXL	2023	55		2024	
VA 0385	Onion, bulb	0.1			CXL	2013	46		2014	
FI 0350	Papaya	0.2			CXL	2007	40		2008	
FI 0351	Passion fruit	0.05			CXL	2010	43		2011	
SO 0697	Peanut	0.01 (*)			CXL	2015	48		2016	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0063	Peas (pods and succulent=immature seeds)	0.7			CXL	2010	43		2011	
VO 0444	Peppers chili	0.9			CXL	2017	50		2018	
HS 0444	Peppers chili, dried	5			CXL	2017	50		2018	
FI 2540	Pitaya	0.15			CXL	2017	50		2018	
FP 0009	Pome fruits (group)	4	Po		CXL	2017	50		2018	
VR 0589	Potato	4	Po		CXL	2013	46		2014	
PM 0110	Poultry meat	0.01	(*)	(fat)	CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2007	40		2008	
DF 0014	Prunes	4			CXL	2023	55		2024	
VR 2952	Pseudoginseng	0.02			CXL	2022	54		2023	
DV 2952	Pseudoginseng, dried	0.07			CXL	2022	54		2023	
VR 0494	Radish	0.7			CXL	2023	55		2024	
VL 0494	Radish leaves (including radish tops)	8			CXL	2023	55		2024	
SO 0495	Rape seed	0.15			CXL	2015	48		2016	
GC 0649	Rice	8			CXL	2017	50		2018	
AS 0649	Rice, hay and/or straw	17	(dw)		CXL	2017	50		2018	
CM 1205	Rice, polished	0.07			CXL	2017	50		2018	
VD 0541	Soya bean (dry)	0.1			CXL	2015	48		2016	
VA 0389	Spring onion	9			CXL	2013	46		2014	
VC 0431	Squash, summer	0.2			CXL	2013	46		2014	
FS 0012	Stone fruits (group)	1.5			CXL	2023	55		2024	
FB 0275	Strawberry	2			CXL	2017	50		2018	
VR 0596	Sugar beet	0.2			CXL	2007	40		2008	
SO 0702	Sunflower seed	0.02			CXL	2007	40		2008	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01	(*)		CXL	2017	50		2018	
AS 0447	Sweet corn fodder	0.01	(*)	(dw)	CXL	2017	50		2018	
VR 0508	Sweet potato	4	Po		CXL	2023	55		2024	
FT 0305	Table olives	2			CXL	2007	40		2008	
DT 1114	Tea, green, black (black, fermented and dried)	20			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.03			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC 0432	Watermelon	0.02			CXL	2017	50		2018	
GC 0654	Wheat	0.02 (*)			CXL	2007	40		2008	
AS 0654	Wheat, hay and/or straw	3			CXL	2007	40		2008	

225 Dimethomorph

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.6 mg/kg bw ((2007))

Residue: For compliance with the MRL and estimation of dietary intake for plant and animal commodities: Dimethomorph (sum of isomers). The residue is not fat

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS	0620	Artichoke, globe	2			CXL	2014	47		2015	
VP	0062	Beans without pods (Phaseolus spp.) (succulent seeds)	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	2007	40		2008	
MO	0105	Edible offal (mammalian)	0.01		(*)	CXL	2007	40		2008	
PE	0112	Eggs	0.01		(*)	CXL	2007	40		2008	
VC	0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2007	40		2008	
VO	0050	Fruiting vegetables, other than cucurbits (group)	1.5			CXL	2014	47		2015	
VA	0381	Garlic	0.6			CXL	2014	47		2015	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2014	47		2015	
FB	0269	Grapes	3			CXL	2014	47		2015	
DH	1100	Hops, dry	80			CXL	2007	40		2008	
VB	0405	Kohlrabi	0.02			CXL	2007	40		2008	
VA	0384	Leek	0.8			CXL	2014	47		2015	
VL	0482	Lettuce, head	10			CXL	2007	40		2008	
VL	0483	Lettuce, leaf	9			CXL	2016	49		2017	
MM	0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	2007	40		2008	
ML	0106	Milks	0.01		(*)	CXL	2007	40		2008	
VA	0385	Onion, bulb	0.6			CXL	2014	47		2015	
VA	0387	Onion, Welsh	9			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP 0064	Peas, shelled (succulent seeds)	0.15			CXL	2014	47		2015	
HS 0444	Peppers chili, dried	5			CXL	2007	40		2008	
FI 0353	Pineapple	0.01 (*)			CXL	2007	40		2008	
VR 0589	Potato	0.05			CXL	2007	40		2008	
PM 0110	Poultry meat	0.01 (*)			CXL	2007	40		2008	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2007	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:

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

Acute RfD: Unnecessary ((2007))

Residue: For compliance with MRL and dietary intake for plant commodities: Pyrimethanil. For compliance with the MRL and for dietary intake estimation for milk: Sum of pyrimethanil and 2-anilino-4,6-dimethylpyrimidin-5-ol, expressed as pyrimethanil. For compliance with the MRL and for dietary intake estimation) for livestock tissues (excluding poultry): Sum of pyrimethanil and 2-(4-hydroxyanilino)-4,6-dimethylpyrimidine, expressed as pyrimethanil. The residue is not fat-

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	12			CXL	2007	40		2008	
TN 0660	Almonds	0.2			CXL	2007	40		2008	
FS 0240	Apricot	3			CXL	2007	40		2008	
FI 0327	Banana	0.1			CXL	2007	40		2008	
FB 0264	Blackberries	15			CXL	2015	48		2016	
FB 0020	Blueberries	8			CXL	2015	48		2016	
VR 0577	Carrot	1			CXL	2007	40		2008	
FS 0013	Cherries (subgroup)	4	Po		CXL	2007	40		2008	
FC 0001	Citrus fruits (group)	7	Po		CXL	2007	40		2008	
VP 0526	Common bean (pods and/or immature seeds)	3			CXL	2007	40		2008	
VC 0424	Cucumber	0.7			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.1			CXL	2007	40		2008	
VD 0561	Field pea (dry)	0.5			CXL	2007	40		2008	
DV 0604	Ginseng, dried including red ginseng	1.5			CXL	2013	46		2014	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2007	40		2008	
FB 0269	Grapes	4			CXL	2007	40		2008	
VL 0482	Lettuce, head	3			CXL	2007	40		2008	
FB 2009	Low growing berries (subgroup)	3			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(*)		CXL	2007	40		2008	
ML 0106	Milks	0.01			CXL	2007	40		2008	
FS 0245	Nectarine	4			CXL	2007	40		2008	
VA 0385	Onion, bulb	0.2			CXL	2007	40		2008	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 0072	Pea, hay and/or straw	3			CXL	2007	40		2008	
FS 0247	Peach	4			CXL	2007	40		2008	
FS 0014	Plums (including fresh prunes) (subgroup)	2			CXL	2007	40		2008	
FP 0009	Pome fruits (group)	15	Po		CXL	2013	46		2014	
VR 0589	Potato	0.05	(*)		CXL	2007	40		2008	
FB 0272	Raspberries, red, black	15			CXL	2015	48		2016	
VA 0389	Spring onion	3			CXL	2007	40		2008	
AS 0447	Sweet corn fodder	40			CXL	2007	40		2008	
VO 0448	Tomato	0.7			CXL	2007	40		2008	

227 Zoxamide

Main Uses: Fungicide

JMPR:

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									
VC 0045	Fruiting vegetables, cucurbits (group)	2			CXL	09	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	15			CXL	07	40		2008	
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:

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

Acute RfD: Unnecessary ((2008))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM 0660	Almond hulls	7			CXL	2008	41		2009	
VS 0620	Artichoke, globe	5			CXL	2008	41		2009	
VS 0621	Asparagus	0.01 (*)			CXL	2008	41		2009	
FI 0326	Avocado	1.5			3	2024	56			
FI 0327	Banana	2			CXL	2008	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	2008	41		2009	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	5			CXL	2008	41		2009	
VA 0035	Bulb vegetables (group)	10			CXL	2008	41		2009	
FT 0289	Carambola	0.1			CXL	2012	45		2013	
VS 0624	Celery	5			CXL	2008	41		2009	
FC 0001	Citrus fruits (group)	15			CXL	2008	41		2009	
SB 0716	Coffee beans	0.03			CXL	2013	46		2014	
SO 0691	Cotton seed	0.7			CXL	2008	41		2009	
FB 0265	Cranberry	0.5			CXL	2008	41		2009	
DH 0170	Dried herbs	300		Except hops (dry).	CXL	2008	41		2009	
MO 0105	Edible offal (mammalian)	0.07			CXL	2008	41		2009	
PE 0112	Eggs	0.01 (*)			CXL	2008	41		2009	
VC 0045	Fruiting vegetables, cucurbits (group)	1			CXL	2008	41		2009	
VC 0045	Fruiting vegetables, cucurbits (group)	1		except melons and watermelons	3	2024	56			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO 0050	Fruiting vegetables, other than cucurbits (group)	3		Except mushrooms and sweet corn.	CXL	2008	41		2009	
VR 0604	Ginseng	0.1			CXL	2011	44		2012	
DV 0604	Ginseng, dried including red ginseng	0.3			CXL	2011, 2012	45	44	2013	
DM 0604	Ginseng, extracts	0.5			CXL	2011, 2012	45	44	2013	
FB 0269	Grapes	2			CXL	2008	41		2009	
PF 0111	Group of avian fats	0.01			3	2024	56			
PM 0110	Group of avian muscle	0.01			3	2024	56			
PO 0111	Group of avian, edible offal of	0.01			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.07			3	2024	56			
PE 0112	Group of eggs	0.01			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.05			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01			3	2024	56			
FT 0336	Guava	0.2			CXL	2019	52		2021	
HH 0092	Herbs	70			CXL	2008	41		2009	
MU 1100	Hops, dried	40			3	2024	56			
DH 1100	Hops, dry	30			CXL	2008	41		2009	
VP 0060	Legume vegetables (group)	3			CXL	2008	41		2009	
VL 0482	Lettuce, head	3			CXL	2008	41		2009	
VL 0483	Lettuce, leaf	3			CXL	2008	41		2009	
GC 0645	Maize	0.02			CXL	2008	41		2009	
AS 0645	Maize fodder (dry)	40	(dw)		CXL	2008	41			
OR 0645	Maize oil, edible	0.1			CXL	2008	41		2009	
FI 0345	Mango	4	Po		CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.05	(fat)		CXL	2008	41		2009	
VC 0046	Melons (except watermelon)	5			3	2024	56			
FM 0183	Milk fats	0.03			CXL	2008	41		2009	
ML 0106	Milks	0.01			CXL	2008	41		2009	
GC 0647	Oats	1.5			CXL	2013	46		2014	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0350	Papaya	4	Po		CXL	2022	54		2023	
AL 0072	Pea, hay and/or straw	20	(dw)		CXL	2013	46		2014	
SO 0697	Peanut	0.2			CXL	2008	41		2009	
AL 0697	Peanut fodder	30			CXL	2008	41		2009	
HS 0444	Peppers chili, dried	30			CXL	2008	41		2009	
FI 0353	Pineapple	2			3	2024	56			
TN 0675	Pistachio nuts	1			CXL	2008	41		2009	
FI 2540	Pitaya	0.3			CXL	2017	50		2018	
FI 0354	Plantain	2			CXL	2008	41		2009	
VR 0589	Potato	7	Po		CXL	2013	46		2014	
PM 0110	Poultry meat	0.01	(*)		CXL	2008	41		2009	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2008	41		2009	
VD 0070	Pulses (group)	0.07		Except soya beans.	CXL	2013	46		2014	
SO 0495	Rape seed	0.5			CXL	2017	50		2018	
GC 0649	Rice	5			CXL	2008	41		2009	
VR 0075	Root and tuber vegetables (group)	1		Except potato and sugar beet.	CXL	2022	54		2023	
GC 0650	Rye	0.2			CXL	2008	41		2009	
GC 0651	Sorghum grain	10			CXL	2013	46		2014	
AS 0651	Sorghum straw and fodder, dry	30	(dw)		CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.5			CXL	2008	41		2009	
AL 0541	Soya bean, hay and/or straw	100			CXL	2008	41		2009	
FS 0012	Stone fruits (group)	2			CXL	2008	41		2009	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	15	(dw)	Except maize and sorghum.	CXL	2013	46		2014	
FB 0275	Strawberry	10			CXL	2008	41		2009	
VR 0596	Sugar beet	4	Po		CXL	2022	54		2023	
GS 0659	Sugar cane	0.05			CXL	2017	50		2018	
SO 0702	Sunflower seed	0.5			CXL	2008	41		2009	
TN 0085	Tree nuts (group)	0.01			CXL	2008	41		2009	
GC 0653	Triticale	0.2			CXL	2008	41		2009	
VC 0432	Watermelon	5			3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0654	Wheat	0.2			CXL	2008	41		2009	
VL 2832	Witloof chicory (sprouts)	0.3			CXL	2008	41		2009	

230 Chlorantraniliprole

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2008))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	50			CXL	2010	43		2011	
VS 0620	Artichoke, globe	2			CXL	2013	46		2014	
FI 0326	Avocado	0.3			CXL	2022	54		2023	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.8		Green pods and immature seeds.	CXL	2013	46		2014	
FB 0018	Berries and other small fruits	1			CXL	2010	43		2011	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2010	43		2011	
VR 0577	Carrot	0.08			CXL	2013	46		2014	
VS 0624	Celery	7			CXL	2008	41		2009	
GC 0080	Cereal grains (group)	0.02		Except rice.	CXL	2013	46		2014	
FC 0001	Citrus fruits (group)	0.7			CXL	2014	47		2015	
SB 0716	Coffee beans	0.05			CXL	2013	46		2014	
SO 0691	Cotton seed	0.3			CXL	2008	41		2009	
VD 2065	Dry beans (subgroup)	0.3		Except soya beans.	CXL	2019	52		2021	
VD 2066	Dry peas				(subgroup)		0.3		CXL	2019 52 2021
MO 0105	Edible offal (mammalian)	0.2			CXL	2010	43		2011	
PE 0112	Eggs	0.2			CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits (group)	0.3			CXL	2008	41		2009	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.6			CXL	2008	41		2009	
DH 1100	Hops, dry	40			CXL	2013	46		2014	
VL 0053	Leafy vegetables (group)	20		Except radish leaves.	CXL	2013	46		2014	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2010	43		2011	
FM 0183	Milk fats	0.2			CXL	2010	43		2011	
ML 0106	Milks	0.05			CXL	2010	43		2011	
HH 0738	Mints	15			CXL	2010	43		2011	
SO 3160	Palm fruit (African oil palm)	0.8			CXL	2019	52		2021	
OC 1240	Palm kernel oil, crude	2			CXL	2019	52		2021	
SO 0697	Peanut	0.06			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2013	46		2014	
VP 0064	Peas, shelled (succulent seeds)	0.05			CXL	2013	46		2014	
HS 0444	Peppers chili, dried	5			CXL	2008	41		2009	
FP 0009	Pome fruits (group)	0.4			CXL	2008	41		2009	
FI 0355	Pomegranate	0.4			CXL	2013	46		2014	
PF 0111	Poultry fats	0.08			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.07			CXL	2016	49		2017	
VR 0494	Radish	0.5			CXL	2013	46		2014	
VL 0494	Radish leaves (including radish tops)	40			CXL	2013	46		2014	
SO 0495	Rape seed	2			CXL	2013	46		2014	
GC 0649	Rice	0.4			CXL	2013	46		2014	
CM 1205	Rice, polished	0.04			CXL	2013	46		2014	
VR 0075	Root and tuber vegetables (group)	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 (group)	1			CXL	2008	41		2009	
AS 0161	Straw, fodder (dry) and hay of cereal grains and other grass-like plants	30 (dw)			CXL	2016	49		2017	
GS 0659	Sugar cane	0.5			CXL	2010	43		2011	
SO 0702	Sunflower seed	2			CXL	2013	46		2014	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2010	43		2011	

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)	80			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.02			CXL	2010	43		2011	

231 Mandipropamid

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2008))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Mandipropamid.

The residue is not fat-soluble.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DH	0722	Basil leaves, dried	200			CXL	2022	54		2023	
HH	0722	Basil, leaves	30			CXL	2022	54		2023	
VP	2060	Beans with pods (subgroup)	1			CXL	2018	51		2019	
VB	0400	Broccoli	2			CXL	2008	41		2009	
VA	2031	Bulb onions (subgroup)	0.05			CXL	2022	54		2023	
VB	0041	Cabbages, head	3			CXL	2008	41		2009	
SB	0715	Cacao beans	0.06			CXL	2018	51		2019	
VS	0624	Celery	20			CXL	2008	41		2009	
OR	0001	Citrus oil, edible	30			CXL	2021	53		2022	
AB	0001	Citrus pulp, dried	1.5			CXL	2021	53		2022	
MO	0105	Edible offal (mammalian)	0.01 (*)			CXL	2021	53		2022	
VO	2046	Eggplants (subgroup)	0.7			CXL	2022	54		2023	
PE	0112	Eggs	0.01 (*)			CXL	2018	51		2019	
VC	2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.2			CXL	2022	54		2023	
VC	2040	Fruiting vegetables, cucurbits - melons, pumpkins and winter squashes (subgroup)	0.4			CXL	2022	54		2023	
VR	0604	Ginseng	0.15			CXL	2022	54		2023	
DV	0604	Ginseng, dried including red ginseng	4			CXL	2022	54		2023	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	5			CXL	2008	41		2009	
FB	0269	Grapes	2			CXL	2008	41		2009	
DH	1100	Hops, dry	90			CXL	2013	46		2014	
VL	0053	Leafy vegetables (group)	25			CXL	2008	41		2009	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0002	Lemons and limes (including citron) (subgroup)	0.5			CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2021	53		2022	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.5			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2018	51		2019	
ML 0106	Milks	0.01 (*)			CXL	2018	51		2019	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4			CXL	2021	53		2022	
VO 0051	Peppers (subgroup)	0.7		MRL provisionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	7			CXL	2022	54		2023	
VR 0589	Potato	0.1			CXL	2018	51		2019	
PF 0111	Poultry fats	0.01 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.01 (*)			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2018	51		2019	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.2			CXL	2021	53		2022	
VO 2045	Tomatoes (subgroup)	1			CXL	2022	54		2023	

232 Prothioconazole

Main Uses: Fungicide

JMPR:

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

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

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

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

The residue is not fat soluble

Note: Prothioconazole ARfD: Unnecessary (general population)

Prothioconazole-desthio:

ADI: 0-0.01 mg/kg bw

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

ARfD: 1 mg/kg bw (general population)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	2009	42		2010	
FB 2006	Bush berries (subgroup)	1.5			CXL	2014	47		2015	
SO 0691	Cotton seed	0.3			CXL	2017	50	20	2018	
FB 0265	Cranberry	0.15			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.15			CXL	2021	53		2022	
PE 0112	Eggs	0.005 (*)			CXL	2021	53		2022	
AS 0164	Fodder (dry) of cereal grains	5			CXL	2009	42		2010	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2		Except watermelon.	CXL	2014	47		2015	
SO 0693	Linseed	0.03			CXL	2021	53		2022	
GC 0645	Maize	0.1			CXL	2014	47		2015	
AS 0645	Maize fodder (dry)	15			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2021	53		2022	
ML 0106	Milks	0.004 (*)			CXL	2021	53		2022	
GC 0647	Oats	0.05			CXL	2008	41		2009	
SO 0697	Peanut	0.02 (*)			CXL	2008	41		2009	
AL 0697	Peanut fodder	15			CXL	2014	47		2015	
GC 0656	Popcorn	0.1			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0589	Potato	0.02 (*)			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01			CXL	2021	53		2022	
PM 0110	Poultry meat	0.01 (*)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.01			CXL	2021	53		2022	
VD 0070	Pulses (group)	1		Except soya bean, dry.	CXL	2009	42		2010	
SO 0495	Rape seed	0.2			CXL	2021	53		2022	
OR 0495	Rape seed oil, edible	0.15			CXL	2021	53		2022	
GC 0650	Rye	0.05			CXL	2008	41			
VD 0541	Soya bean (dry)	0.2			CXL	2014	47		2015	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	4			CXL	2009	42		2010	
VR 0596	Sugar beet	0.3			CXL	2009	42		2010	
OC 0702	Sunflower seed oil, crude	0.5			CXL	2021	53		2022	
SO 2091	Sunflower seeds (subgroup)	0.5			CXL	2021	53		2022	
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	2008	41		2009	
GC 0654	Wheat	0.1			CXL	2009	42		2010	

233 Spinetoram

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2008))

Residue: For compliance with MRLs for plant and animal commodities: Spinetoram. For estimation of dietary intake for plant and animal commodities: Spinetoram and N-demethyl and N-formyl metabolites of the major spinetoram component. The residue is fat soluble.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS	0240	Apricot	0.15			CXL	2017	50		2018	
FI	0326	Avocado	0.3			CXL	2017	50		2018	
VP	0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.05		Green pods and immature seeds.	CXL	2012	45		2013	
FB	0020	Blueberries	0.2			CXL	2012	45		2013	
VB	0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.3			CXL	2012	45		2013	
VS	0624	Celery	6			CXL	2012	45		2013	
FS	0013	Cherries (subgroup)	0.09			CXL	2017	50		2018	
SO	0691	Cotton seed	0.01 (*)			CXL	2017	50		2018	
FB	0021	Currants, black, red, white	0.5			CXL	2017	50		2018	
MO	0105	Edible offal (mammalian)	0.1			CXL	2018	51		2019	
PE	0112	Eggs	0.01 (*)			CXL	2017	50		2018	
VC	2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.04			CXL	2017	50		2018	
FB	0269	Grapes	0.3			CXL	2012	45		2013	
VA	0384	Leek	0.05			CXL	2017	50		2018	
VL	0482	Lettuce, head	10			CXL	2008	41		2009	
VL	0483	Lettuce, leaf	10			CXL	2008	41		2009	
FI	0343	Litchi	0.015			CXL	2017	50		2018	
GC	0645	Maize	0.01 (*)			CXL	2017	50		2018	
MF	0100	Mammalian fats (except milk fats)	1			CXL	2017	50		2018	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.15			CXL	2017	50		2018	
FI 0345	Mango	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	1 (fat)			CXL	2017	50		2018	
VC 0046	Melons (except watermelon)	0.01 (*)			CXL	2017	50		2018	
FM 0183	Milk fats	0.15			CXL	2017	50		2018	
ML 0106	Milks	0.02			CXL	2017	50		2018	
FS 0245	Nectarine	0.3			CXL	2012	45		2013	
VA 0385	Onion, bulb	0.01 (*)			CXL	2012	45		2013	
VA 0387	Onion, Welsh	0.8			CXL	2012	45		2013	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.07			CXL	2008	41		2009	
FI 0351	Passion fruit	0.4			CXL	2017	50		2018	
FS 0247	Peach	0.3			CXL	2012	45		2013	
VO 0051	Peppers (subgroup)	0.4		MRL provisionally applies to okra, martynia, and roselle.	CXL	2017	50		2018	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	4			CXL	2017	50		2018	
FI 2540	Pitaya	0.5			CXL	2021	53		2022	
FS 0014	Plums (including fresh prunes) (subgroup)	0.09			CXL	2017	50		2018	
FP 0009	Pome fruits (group)	0.05			CXL	2008	41		2009	
VR 0589	Potato	0.01 (*)			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	2017	50		2018	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2017	50		2018	
FB 0272	Raspberries, red, black	0.8			CXL	2012	45		2013	
AS 0649	Rice, hay and/or straw	1.5			CXL	2017	50		2018	
CM 0649	Rice, husked	0.02 (*)			CXL	2017	50		2018	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2017	50		2018	
VL 0502	Spinach	8			CXL	2012	45		2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA 0389	Spring onion	0.8			CXL	2012	45		2013	
FB 0275	Strawberry	0.15			CXL	2017	50		2018	
VR 0596	Sugar beet	0.01 (*)			CXL	2008	41		2009	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	
AS 0447	Sweet corn fodder	0.15			CXL	2017	50		2018	
FT 0305	Table olives	0.07			CXL	2017	50		2018	
DT 1114	Tea, green, black (black, fermented and dried)	70			CXL	2021	53		2022	
VO 0448	Tomato	0.06			CXL	2008	41		2009	
TN 0085	Tree nuts (group)	0.01			CXL	2008	41		2009	

234 Spirotetramat

Main Uses: Insecticide

JMPR:

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

Acute RfD: 1.0 mg/kg bw ((2008))

Residue: For compliance with MRL for plant commodities: Spirotetramat and its enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat. For estimation of dietary intake for plant commodities: Spirotetramat, enol metabolite 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, ketohydroxy metabolite 3-(2,5-dimethylphenyl)-3-hydroxy-8-methoxy-1-azaspiro[4.5]decane-2,4-dione, monohydroxy metabolite cis-3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]decan-2-one, and enol glucoside metabolite glucoside of 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat. For compliance with MRL and estimation of dietary intake for animal commodities: Spirotetramat enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2008	41		2009	
VS 0620	Artichoke, globe	1			CXL	2013	46		2014	
FI 0326	Avocado	0.4			CXL	2015	48		2016	
FB 2006	Bush berries (subgroup)	1.5			CXL	2013	46		2014	
VB 0041	Cabbages, head	2			CXL	2008	41		2009	
VR 0577	Carrot	0.04			CXL	2019	52		2021	
VS 0624	Celery	4			CXL	2008	41		2009	
FC 0001	Citrus fruits (group)	0.5			CXL	2008	41		2009	
SO 0691	Cotton seed	0.4			CXL	2011	44		2012	
AB 1203	Cotton seed, meal	1			CXL	2011	44		2012	
FB 0265	Cranberry	0.2			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	1			CXL	2011	44		2012	
PE 0112	Eggs	0.01			CXL	2011	44		2012	
VB 0042	Flowerhead brassicas (includes Broccoli, Broccoli, Chinese and cauliflower)	1			CXL	2008	41		2009	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2008	41		2009	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1		Except sweet corn, mushrooms, and chili pepper.	CXL	2008	41		2009	
AB 0269	Grape pomace, dried	4			CXL	2008	41		2009	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	4			CXL	2008	41		2009	
FB 0269	Grapes	2			CXL	2008	41		2009	
FT 0336	Guava	2			CXL	2015	48		2016	
DH 1100	Hops, dry	15			CXL	2008	41		2009	
FI 0341	Kiwifruit	0.02 (*)			CXL	2011	44		2012	
VL 0053	Leafy vegetables (group)	7			CXL	2008	41		2009	
AL 0157	Legume animal feeds	30			CXL	2011	44		2012	
VP 0060	Legume vegetables (group)	1.5			CXL	2011	44		2012	
FI 0343	Litchi	15			CXL	2011	44		2012	
FI 0345	Mango	0.3			CXL	2011	44		2012	
MM 0095	Meat (from mammals other than marine mammals)	0.05			CXL	2011	44		2012	
ML 0106	Milks	0.005			CXL	2012	45		2013	
VA 0385	Onion, bulb	0.4			CXL	2011	44		2012	
FI 0350	Papaya	0.4			CXL	2011	44		2012	
VO 0444	Peppers chili	2		Non-bell.	CXL	2008	41		2009	
HS 0444	Peppers chili, dried	15			CXL	2008	41		2009	
FP 0009	Pome fruits (group)	0.7			CXL	2008	41		2009	
VR 0589	Potato	0.8			CXL	2008	41		2009	
PM 0110	Poultry meat	0.01 (*)			CXL	2011	44		2012	
PO 0111	Poultry, edible offal of	0.01			CXL	2011	44		2012	
DF 0014	Prunes	5			CXL	2008	41		2009	
VD 0070	Pulses (group)	2		Except soya bean (dry).	CXL	2011	44		2012	
VD 0541	Soya bean (dry)	4			CXL	2011	44		2012	
FS 0012	Stone fruits (group)	3			CXL	2008	41		2009	
FB 0275	Strawberry	0.3			CXL	2019	52		2021	
VR 0596	Sugar beet	0.06			CXL	2019	52		2021	
AV 0596	Sugar beet leaves or tops (dry)	8 (dw)			CXL	2019	52		2021	
DM 0596	Sugar beet molasses	0.3			CXL	2019	42		2021	
GC 0447	Sweet corn	1.5			CXL	2015	48		2016	
TN 0085	Tree nuts (group)	0.5			CXL	2008	41		2009	

235 Fluopicolide

Main Uses: Fungicide

JMPR:

ADI: 0-0.08 mg/kg bw

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

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

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0402	Brussels sprouts	0.2			CXL	2009	42		2010	
VB 0041	Cabbages, head	7			CXL	2009	43		2011	
VS 0624	Celery	20			CXL	2009	43		2011	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2009	42		2010	
PE 0112	Eggs	0.01 (*)			CXL	2009	42		2010	
VB 0042	Flowerhead brassicas (includes Broccoli, Broccoli, Chinese and cauliflower)	2			CXL	2009	42		2010	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2009	42		2010	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1		Except mushrooms and sweet corn.	CXL	2009	42		2010	
AB 0269	Grape pomace, dried	7			CXL	2009	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	10			CXL	2009	42		2010	
FB 0269	Grapes	2			CXL	2009	42		2010	
VL 0053	Leafy vegetables (group)	30			CXL	2009	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2009	42		2010	
ML 0106	Milks	0.02			CXL	2009	42		2010	
VA 0385	Onion, bulb	1			CXL	2009	42		2010	
VA 0387	Onion, Welsh	10			CXL	2009	42		2010	
HS 0444	Peppers chili, dried	7			CXL	2009	42		2010	
PM 0110	Poultry meat	0.01 (*)			CXL	2009	42		2010	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2009	42		2010	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.2			CXL	2009	42		2010	

236 Metaflumizone

Main Uses: Insecticide

JMPR:

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 Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP	0226	Apple	0.9			CXL	2019	52		2021	
VB	0402	Brussels sprouts	0.8			CXL	2009	42		2010	
VL	0466	Chinese cabbage (type pack-choi)	6			CXL	2009	42		2010	
SB	0716	Coffee beans	0.15			CXL	2019	52		2021	
MO	0105	Edible offal (mammalian)	0.02		(*)	CXL	2019	52		2021	
VO	0440	Eggplant	0.6			CXL	2009	42		2010	
PE	0112	Eggs	0.02			CXL	2019	52		2021	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	13			CXL	2019	52		2021	
FB	0269	Grapes	5			CXL	2019	52		2021	
FC	0002	Lemons and limes (including citron) (subgroup)	2			CXL	2019	52		2021	
VL	0482	Lettuce, head	7			CXL	2009	42		2010	
GC	0645	Maize	0.04			CXL	2019	52		2021	
MF	0100	Mammalian fats (except milk fats)	0.15			CXL	2019	52		2021	
MM	0095	Meat (from mammals other than marine mammals)	0.02		(*) (fat)	CXL	2019	52		2021	
VC	0046	Melons (except watermelon)	1			CXL	2019	52		2021	
FM	0183	Milk fats	0.6			CXL	2019	52		2021	
ML	0106	Milks	0.02			CXL	2019	52		2021	
OR	0004	Orange oil, edible	100			CXL	2019	52		2021	
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	3			CXL	2019	52		2021	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.6		MRL provisionally applies to okra, martynia, and roselle.	CXL	2009	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	6			CXL	2009	42		2010	
VR 0589	Potato	0.02 (*)			CXL	2009	42		2010	
PF 0111	Poultry fats	0.08			CXL	2019	52		2021	
PM 0110	Poultry meat	0.02 (*) (fat)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2019	52		2021	
VD 0541	Soya bean (dry)	0.2			CXL	2019	52		2021	
GS 0659	Sugar cane	0.02 (*)			CXL	2019	52		2021	
VO 0448	Tomato	0.6			CXL	2009	42		2010	

237 Spirodiclofen

Main Uses: Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2009))

Residue: For compliance with the MRL and for estimation of dietary intake for plant commodities: Spirodiclofen. For compliance with the MRL for animal commodities: Spirodiclofen. For estimation of dietary intake for animal commodities: Sum of spirodiclofen and spirodiclofen-enol, expressed as spirodiclofen. The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15			CXL	2009	42		2010	
FI 0326	Avocado	0.9			CXL	2014	47		2015	
FB 0020	Blueberries	4			CXL	2014	47		2015	
FC 0001	Citrus fruits (group)	0.4			CXL	2009	42		2010	
SB 0716	Coffee beans	0.03 (*)			CXL	2009	42		2010	
VC 0424	Cucumber	0.07			CXL	2009	42		2010	
FB 0021	Currants, black, red, white	1			CXL	2009	42		2010	
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2009	42		2010	
VC 0425	Gherkin	0.07			CXL	2009	42		2010	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.3			CXL	2009	42		2010	
FB 0269	Grapes	0.2			CXL	2009	42		2010	
DH 1100	Hops, dry	40			CXL	2009	42		2010	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2009	42		2010	
ML 0106	Milks	0.004 (*)			CXL	2009	42		2010	
FI 0350	Papaya	0.03 (*)			CXL	2009	42		2010	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.2			CXL	2009	42		2010	
FP 0009	Pome fruits (group)	0.8			CXL	2009	42		2010	
FS 0012	Stone fruits (group)	2			CXL	2009	42		2010	
FB 0275	Strawberry	2			CXL	2009	42		2010	
AS 0447	Sweet corn fodder	4			CXL	2009	42		2010	
VO 0448	Tomato	0.5			CXL	2009	42		2010	
TN 0085	Tree nuts (group)	0.05			CXL	2009	42		2010	

238 Clothianidin

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.6 mg/kg bw ((2010))

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

Note: T = based on thiamethoxam use only; C = based on clothianidin 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
AM 0660	Almond hulls	0.1 (dw)	T		CXL	2023	55		2024	
VS 0620	Artichoke, globe	0.05	T		CXL	2010	43		2011	
FI 0326	Avocado	0.03	T		CXL	2014	47		2015	
FI 0327	Banana	0.02	C,t		CXL	2010	44	43	2012	
GC 0640	Barley	0.07	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
CF 0640	Barley bran, processed	0.15	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	1 (dw)	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.2	T		CXL	2014	47		2015	
FB 0018	Berries and other small fruits	0.07	c,T	Except grapes.	CXL	2010	43		2011	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.2	T		CXL	2010	43		2011	
SB 0715	Cacao beans	0.02 (*)	T		CXL	2010	43		2011	
FC 0001	Citrus fruits (group)	0.07	T		CXL	2010	45	43	2013	
SB 0716	Coffee beans	0.05	T		CXL	2010	43		2011	
HS 0780	Cumin seed	1			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.02 (*)	C,t	Except liver.	CXL	2010	44	43	2012	
PE 0112	Eggs	0.01 (*)			CXL	2021	53		2022	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0045	Fruiting vegetables, cucurbits (group)	0.02 (*)	T		CXL	2010	43		2011	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.05	T	Except goji berry.	CXL	2023	55		2024	
VO 2704	Goji berry	0.06	T		CXL	2023	55		2024	
DV 2704	Goji berry, dried	0.3	T		CXL	2023	55		2024	
JF 0269	Grape juice	0.2	C,t		CXL	2010	43		2012	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1	C,t		CXL	2010	44	43	2012	
FB 0269	Grapes	0.7	C,t		CXL	2010	44	43	2012	
DH 1100	Hops, dry	0.07	T		CXL	2014	47		2015	
VL 0053	Leafy vegetables (group)	2	T		CXL	2010	43		2011	
VP 0060	Legume vegetables (group)	0.01 (*)	T		CXL	2010	43		2011	
MO 0099	Liver of cattle, goats, pigs & sheep	0.4			CXL	2021	53		2022	
GC 0645	Maize	0.02	c,T		CXL	2010	43		2011	
AS 0645	Maize fodder (dry)	0.01 (*) (dw)	T		CXL	2010	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)	C,t		CXL	2010	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	2010	44	43	2012	
ML 0106	Milks	0.05			CXL	2021	53		2022	
HH 0738	Mints	0.3	T		CXL	2014	47		2015	
AS 3559	Oat, hay and/or straw	1 (dw)	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
GC 0647	Oats	0.07	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
SO 0088	Oilseeds and oilfruits (group)	0.02 (*)	c,T		CXL	2010	43		2011	
VA 0385	Onion, bulb	0.01 (*)	T		CXL	2023	55		2024	
FI 0350	Papaya	0.01 (*)	T		CXL	2010	43		2011	
AL 0072	Pea, hay and/or straw	0.2 (dw)	T		CXL	2010	43		2011	
HS 0444	Peppers chili, dried	0.5	T		CXL	2010	43		2011	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0353	Pineapple	0.01 (*)	T		CXL	2010	43		2011	
FP 0009	Pome fruits (group)	0.4	C,t		CXL	2010	44	43	2012	
GC 0656	Popcorn	0.01 (*)	c,T		CXL	2010	43		2011	
PF 0111	Poultry fats	0.01 (*)			CXL	2021	53		2022	
PM 0110	Poultry meat	0.01 (*)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.4			CXL	2021	53		2022	
DF 0014	Prunes	0.2	c,T		CXL	2010	43		2011	
VD 0070	Pulses (group)	0.02	T		CXL	2010	43		2011	
GC 0649	Rice	0.9	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
CM 1206	Rice bran, unprocessed	1	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
AS 0649	Rice, hay and/or straw	0.2 (dw)	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
AS 3570	Rice, hulls	4	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
CM 0649	Rice, husked	0.5	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
CM 1205	Rice, polished	0.5	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
VR 0075	Root and tuber vegetables (group)	0.2	C,T		CXL	2010	46	43,44,45	2014	
AS 3560	Rye, hay and/or straw	1 (*)			CXL	2021	53		2022	
GC 0651	Sorghum grain	0.15	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	

	Commodity Code	Name	MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS	3562	Sorghum, hay and/or straw	0.8	(dw)	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
GS	0658	Sorgo or sorghum, sweet	0.4		T	Based on thiamethoxam use only.	CXL	2021	53		2022	
VS	0078	Stalk and stem vegetables	0.04		C	Except artichoke and celery.	CXL	2010	44	43	2012	
VS	2080	Stems and petioles (subgroup)	0.04		T		CXL	2023	55		2024	
FS	0012	Stone fruits (group)	0.2		c,T		CXL	2010	43		2011	
GS	0659	Sugar cane	0.4		C		CXL	2010	44	43	2012	
AS	3563	Sweet corn, stover	0.05	(dw)	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
GC	2090	Sweet corns (subgroup)	0.01	(*)	C,t	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
DT	1114	Tea, green, black (black, fermented and dried)	0.7		T		CXL	2010	43		2011	
TN	0085	Tree nuts (group)	0.01	(*)	T		CXL	2023	55		2024	
GC	0653	Triticale	0.15		c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
AS	0653	Triticale, hay and/or straw	1	(dw)	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
GC	0654	Wheat	0.15		c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
CF	0654	Wheat bran, processed	6		c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CF 1210	Wheat germ	6	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	1 (dw)	c,T	Combined clothianidin and thiamethoxam use.	CXL	2021	53		2022	

239 Cyproconazole

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.06 mg/kg bw ((2010))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0071	Bean (dry)	0.02 (*)			CXL	2010	43		2011	
GC 0080	Cereal grains (group)	0.08		Except maize, rice, and sorghum.	CXL	2010	43		2011	
SB 0716	Coffee beans	0.07			CXL	2013	46		2014	
SM 0716	Coffee beans, roasted	0.1			CXL	2013	46		2014	
VD 2065	Dry beans (subgroup)	0.02		except soya bean	3	2024	56			
VD 2066	Dry peas			(subgroup)			0.02 3	2024	56	
MO 0105	Edible offal (mammalian)	0.5			CXL	2010	43		2011	
PE 0112	Eggs	0.01 (*)			CXL	2010	43		2011	
PF 0111	Group of avian fats	0.01 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.01 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.5			3	2024	56			
PE 0112	Group of eggs	0.01 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.02			3	2024	56			
ML 0106	Group of milks	0.01			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01			3	2024	56			
AL 3301	Legume feeds with low water (<20%) content (hay) (subgroup)	0.3		except soya bean and lentil	3	2024	56			
GC 0645	Maize	0.01 (*)			CXL	2010	43		2011	
AS 0645	Maize fodder (dry)	2			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.01			CXL	2010	43		2011	
VD 0072	Peas (dry)	0.02 (*)			CXL	2010	43		2011	
VP 0064	Peas, shelled (succulent seeds)	0.01			CXL	2010	43		2011	
PM 0110	Poultry meat	0.01 (*)			CXL	2010	43		2011	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2010	43		2011	
SO 0495	Rape seed	0.4			CXL	2010	43		2011	
VD 0541	Soya bean (dry)	0.07			CXL	2010	43		2011	
OR 0541	Soya bean oil, refined	0.1			CXL	2010	43		2011	
AL 0541	Soya bean, hay and/or straw	3			CXL	2010	43		2011	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	5		Except maize, rice, and sorghum.	CXL	2010	43		2011	
VR 0596	Sugar beet	0.05			CXL	2010	43		2011	

240 Dicamba

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.5 mg/kg bw ((2010))

Residue: For compliance with the MRL for plant commodities: Dicamba. For estimation of dietary intake for plant commodities: sum of dicamba and 5-OH dicamba expressed as dicamba. For compliance with the MRL and for estimation of dietary intake for animal commodities: Sum of dicamba and DCSA expressed as dicamba. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	5			CXL	2010	43		2011	
GC 0640	Barley	7			CXL	2010	43		2011	
AS 0640	Barley, hay and/or straw	50			CXL	2010	43		2011	
SO 0691	Cotton seed	3			CXL	2019	52		2021	
MO 0105	Edible offal (mammalian)	0.7			CXL	2010	43		2011	
PE 0112	Eggs	0.01	(*)		CXL	2010	43		2011	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	30			CXL	2010	43		2011	
GC 0645	Maize	0.01	(*)		CXL	2019	52		2021	
AS 0645	Maize fodder (dry)	0.6	(*)		CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.07			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.03			CXL	2010	43		2011	
ML 0106	Milks	0.2			CXL	2010	43		2011	
PF 0111	Poultry fats	0.04			CXL	2010	43		2011	
PM 0110	Poultry meat	0.02			CXL	2010	43		2011	
PO 0111	Poultry, edible offal of	0.07			CXL	2010	43		2011	
GC 0651	Sorghum grain	4			CXL	2010	43		2011	
AS 0651	Sorghum straw and fodder, dry	8			CXL	2010	43		2011	
VD 0541	Soya bean (dry)	10			CXL	2019	52		2021	
AB 0541	Soya bean hulls	15			CXL	2019	52		2021	
AB 1265	Soya bean meal	15			CXL	2019	52		2021	
AL 0541	Soya bean, hay and/or straw	150	(dw)		CXL	2019	52		2021	
GS 0659	Sugar cane	1			CXL	2010	43		2011	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 1275	Sweet corn (kernels)	0.02			CXL	2010	43		2011	
GC 0654	Wheat	2			CXL	2010	43		2011	
AS 0654	Wheat, hay and/or straw	50			CXL	2010	43		2011	

241 Etoxazole

Main Uses: Acaricide

JMPR:

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

Acute RfD: Unnecessary ((2010))

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

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	3			CXL	2010	43		2011	
FC 0001	Citrus fruits (group)	0.1			CXL	2010	43		2011	
VC 0424	Cucumber	0.02			CXL	2010	43		2011	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2010	43		2011	
FB 0269	Grapes	0.5			CXL	2010	43		2011	
DH 1100	Hops, dry	15			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2010	43		2011	
ML 0106	Milks	0.01 (*)			CXL	2010	43		2011	
HH 0738	Mints	15			CXL	2010	43		2011	
FP 0009	Pome fruits (group)	0.07			CXL	2011	44		2012	
DT 1114	Tea, green, black (black, fermented and dried)	15			CXL	2010	43		2011	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2010	43		2011	

242 Flubendiamide

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.2 mg/kg bw ((2010))

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

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	2010	43		2011	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	4			CXL	2010	43		2011	
VS 0624	Celery	5			CXL	2010	43		2011	
SO 0691	Cotton seed	1.5			CXL	2010	43		2011	
MO 0105	Edible offal (mammalian)	1			CXL	2010	43		2011	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2010	43		2011	
FB 0269	Grapes	2			CXL	2010	43		2011	
MO 0105	Group of edible offal (mammalian)	1			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	2			3	2025	56			
FM 0106	Group of milk fats	5			3	2025	56			
ML 0106	Group of milks	0.1			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.2			3	2024	56			
VP 0060	Legume vegetables (group)	2			CXL	2010	43		2011	
VL 0482	Lettuce, head	5			CXL	2010	43		2011	
VL 0483	Lettuce, leaf	7			CXL	2010	43		2011	
GC 0645	Maize	0.02			CXL	2010	43		2011	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	2010	43		2011	
FM 0183	Milk fats	5			CXL	2010	43		2011	
ML 0106	Milks	0.1			CXL	2010	43		2011	
SO 0088	Oilseeds and oilfruits (group)	0.04			3	2022	54			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 0072	Pea, hay and/or straw	40			CXL	2010	43		2011	
VO 0051	Peppers (subgroup)	0.7		MRL provisionally applies to okra, martynia, and roselle.	CXL	2010	43		2011	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	7			CXL	2010	43		2011	
FP 0009	Pome fruits (group)	0.8			CXL	2010	43		2011	
VD 0070	Pulses (group)	1			CXL	2010	43		2011	
GC 0649	Rice	4			3	2024	56			
CM 0649	Rice, husked	0.1			3	2024	56			
CM 1205	Rice, polished	0.01 (*)			3	2024	56			
AL 0541	Soya bean, hay and/or straw	60			CXL	2010	43		2011	
FS 0012	Stone fruits (group)	2			CXL	2010	43		2011	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	2010	43		2011	
DT 1114	Tea, green, black (black, fermented and dried)	50			CXL	2010	43		2011	
VO 0448	Tomato	2			CXL	2010	43		2011	
TN 0085	Tree nuts (group)	0.1			CXL	2010	43		2011	

243 Fluopyram

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.5 mg/kg bw ((2010))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.4			CXL	2017	50		2018	
VS 0621	Asparagus	0.01		(*)	CXL	2014	47		2015	
FI 0327	Banana	0.8			CXL	2012	45		2013	
GC 0640	Barley	0.4			CXL	2023	55		2024	
AS 0640	Barley, hay and/or straw	6		(dw)	CXL	2023	55		2024	
DH 0722	Basil leaves, dried	400			CXL	2017	50		2018	
HH 0722	Basil, leaves	70			CXL	2017	50		2018	
AL 0061	Bean, hay and/or straw	70			CXL	2017	50		2018	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1			CXL	2015	48		2016	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.2			CXL	2015	48		2016	
VB 0400	Broccoli	0.3			CXL	2014	47		2015	
VB 0402	Brussels sprouts	0.3			CXL	2014	47		2015	
GC 0641	Buckwheat	0.4			CXL	2023	55		2024	
FB 2006	Bush berries (subgroup)	7			CXL	2017	50		2018	
VB 0041	Cabbages, head	0.15			CXL	2014	47		2015	
FB 2005	Cane berries (subgroup)	5			CXL	2017	50		2018	
VR 0577	Carrot	0.4			CXL	2012	45		2013	
VB 0404	Cauliflower	0.09			CXL	2014	47		2015	
FS 0013	Cherries (subgroup)	2			CXL	2017	50		2018	
SB 0716	Coffee beans	0.015			CXL	2021	53		2022	
SO 0691	Cotton seed	0.8			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR		
Code	Name											
VC	0424	Cucumber	0.5		CXL	2010	43		2011			
HS	0730	Dill seed	70		CXL	2017	50		2018			
VD	2065	Dry beans (subgroup)	0.15	Except soy bean (dry).	CXL	2017	50		2018			
VD	2066	Dry peas			(subgroup)		0.7		CXL	2017	50	2018
MO	0105	Edible offal (mammalian)	8		CXL	2023	55		2024			
VO	2046	Eggplants (subgroup)	0.5		CXL	2017	50		2018			
PE	0112	Eggs	2		CXL	2023	55		2024			
VA	0381	Garlic	0.07		CXL	2014	47		2015			
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	5		CXL	2010	43		2011			
FB	0269	Grapes	2		CXL	2010	43		2011			
DH	1100	Hops, dry	50		CXL	2017	50		2018			
VA	0384	Leek	0.15		CXL	2014	47		2015			
FC	0002	Lemons and limes (including citron) (subgroup)	1		CXL	2017	50		2018			
VL	0482	Lettuce, head	15		CXL	2014	47		2015			
VL	0483	Lettuce, leaf	15		CXL	2014	47		2015			
GC	2091	Maize cereals (subgroup)	0.02		CXL	2017	50		2018			
AS	0645	Maize fodder (dry)	18		CXL	2017	50		2018			
MF	0100	Mammalian fats (except milk fats)	1.5		CXL	2023	55		2024			
FC	0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.6		CXL	2017	50		2018			
FI	0345	Mango	1		CXL	2017	50		2018			
MM	0095	Meat (from mammals other than marine mammals)	1.5		CXL	2023	55		2024			
ML	0106	Milks	0.8		CXL	2023	55		2024			
AS	3559	Oat, hay and/or straw	6	(dw)	CXL	2023	55		f2024			
GC	0647	Oats	0.4		CXL	2023	55		2024			
VA	0385	Onion, bulb	0.07		CXL	2014	47		2015			
VA	0387	Onion, Welsh	2		CXL	2017	50		2018			
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.6		CXL	2017	50		2018			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0072	Pea, hay and/or straw	100			CXL	2017	50		2018	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1			CXL	2014	47		2015	
SO 0697	Peanut	0.2			CXL	2017	50		2018	
AL 0697	Peanut fodder	47			CXL	2017	50		2018	
VP 0064	Peas, shelled (succulent seeds)	0.2			CXL	2015	48		2016	
VO 0051	Peppers (subgroup)	3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2017	50		2018	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	30			CXL	2017	50		2018	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5			CXL	2014	47		2015	
FP 0009	Pome fruits (group)	0.5			CXL	2012	45		2013	
VR 0589	Potato	0.15			CXL	2017	50		2018	
PF 0111	Poultry fats	1			CXL	2023	55		2024	
PM 0110	Poultry meat	1.5			CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	4			CXL	2023	55		2024	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.4			CXL	2017	50		2018	
SO 0495	Rape seed	1			CXL	2014	47		2015	
GC 0649	Rice	4			CXL	2017	50		2018	
AS 0649	Rice, hay and/or straw	17			CXL	2017	50		2018	
CM 0649	Rice, husked	1.5			CXL	2018	51		2019	
CM 1205	Rice, polished	0.5			CXL	2018	51		2019	
GC 0650	Rye	0.2			CXL	2023	55		2024	
AS 3560	Rye, hay and/or straw	6	(dw)		CXL	2023	55		2024	
GC 0651	Sorghum grain	0.6			CXL	2023	55		2024	
AS 3561	Sorghum, stover	3	(dw)		CXL	2023	55		2024	
VD 0541	Soya bean (dry)	0.3			CXL	2017	50		2018	
AL 0541	Soya bean, hay and/or straw	35			CXL	2017	50		2018	
VA 0389	Spring onion	15			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 0275	Strawberry	0.4			CXL	2012	45		2013	
VR 0596	Sugar beet	0.04			CXL	2012	45		2013	
SO 0702	Sunflower seed	0.7			CXL	2017	50		2018	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	
VO 2045	Tomatoes (subgroup)	0.5			CXL	2018	51		2019	
TN 0085	Tree nuts (group)	0.04			CXL	2012	45		2013	
GC 0653	Triticale	0.2			CXL	2023	55		2024	
AS 0653	Triticale, hay and/or straw	6			CXL	2023	55		2024	
GC 0654	Wheat	0.2			CXL	2023	55		2024	
CF 0654	Wheat bran, processed	0.6			CXL	2023	55		2024	
CF 1210	Wheat germ	0.5			CXL	2023	55		2024	
AS 0654	Wheat, hay and/or straw	6 (dw)			CXL	2023	55		2024	
VL 2832	Witloof chicory (sprouts)	0.15			CXL	2017	50		2018	

244 Meptyldinocap

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2010))

Residue: For with the MRL for plant commodities: Dinocap, sum of all isomers. For estimation of dietary intake for plant commodities: Sum of meptyldinocap, and the corresponding phenol 2, 4-DNOP, expressed as parent meptyldinocap.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC	0424	Cucumber	0.07	M,d		CXL	2010	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	2010	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	2010	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	2010	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*.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 0275	Strawberry	0.3	M,d		CXL	2010	43		2011	The current dinocap Codex MRL of 0.5 mg/kg covers the use of meptyldinocap.

245 Thiamethoxam

Main Uses: Insecticide

JMPR:

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

Acute RfD: 1 mg/kg bw ((2010))

Residue: For compliance with the MRL for animal and plant commodities: Thiamethoxam. For estimation of the dietary intake for plant and animal commodities (except poultry): Thiamethoxam and clothianidin (considered separately). For estimation of the dietary intake for poultry: Sum of thiamethoxam, CGA 265307 and MU3, expressed as thiamethoxam; and clothianidin (clothianidin to be considered separately from thiamethoxam). The residue is not fat-soluble.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	2 (dw)			CXL	2023	55		2024	
VS 0620	Artichoke, globe	0.5			CXL	2010	43		2011	
FI 0326	Avocado	0.5			CXL	2014	47		2015	
FI 0327	Banana	0.02 (*)			CXL	2010	43		2011	
GC 0640	Barley	0.5			CXL	2021	53		2022	
CF 0640	Barley bran, processed	1.5			CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	8 (dw)			CXL	2021	53		2023	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.3			CXL	2014	47		2015	
FB 0018	Berries and other small fruits	0.5			CXL	2010	43		2011	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	5			CXL	2010	43		2011	
SB 0715	Cacao beans	0.02 (*)			CXL	2010	43		2011	
FC 0001	Citrus fruits (group)	0.5			CXL	2010	45	43	2013	
SB 0716	Coffee beans	0.2			CXL	2010	43		2011	
HS 0780	Cumin seed	1			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.05			CXL	2021	53		2022	
PE 0112	Eggs	0.01 (*)			CXL	2021	53		2022	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2010	43		2011	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.7		Except goji berry.	CXL	2023	55		2024	
VO 2704	Goji berry	1.5			CXL	2023	55		2024	
DV 2704	Goji berry, dried	5			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DH 1100	Hops, dry	0.09			CXL	2014	47		2015	
VL 0053	Leafy vegetables (group)	3			CXL	2010	43		2011	
VP 0060	Legume vegetables (group)	0.01		(*)	CXL	2010	43		2011	
GC 0645	Maize	0.05			CXL	2010	43		2011	
AS 0645	Maize fodder (dry)	0.05			CXL	2010	43		2011	
MF 0100	Mammalian fats (except milk fats)	0.01		(*)	CXL	2021	53		2022	
FI 0345	Mango	0.2			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.07			CXL	2021	53		2022	
ML 0106	Milks	0.15			CXL	2021	53		2022	
HH 0738	Mints	1.5			CXL	2014	47		2015	
AS 3559	Oat, hay and/or straw	8		(dw)	CXL	2021	53		2022	
GC 0647	Oats	0.5			CXL	2021	53		2022	
SO 0088	Oilseeds and oilfruits (group)	0.02		(*)	CXL	2010	43		2011	
VA 0385	Onion, bulb	0.02			CXL	2023	55		2024	
FI 0350	Papaya	0.01		(*)	CXL	2010	43		2011	
AL 0072	Pea, hay and/or straw	0.3			CXL	2010	43		2011	
HS 0444	Peppers chili, dried	7			CXL	2010	43		2011	
FP 0307	Persimmon, Japanese	0.6			CXL	2021	53		2022	
FI 0353	Pineapple	0.01		(*)	CXL	2010	43		2011	
FP 0009	Pome fruits (group)	0.3			CXL	2010	43		2011	
GC 0656	Popcorn	0.01		(*)	CXL	2010	43		2011	
PF 0111	Poultry fats	0.01		(*)	CXL	2021	53		2022	
PM 0110	Poultry meat	0.03			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.01		(*)	CXL	2021	53		2022	
VD 0070	Pulses (group)	0.04			CXL	2010	43		2011	
GC 0649	Rice	50			CXL	2021	53		2022	
CM 1206	Rice bran, unprocessed	30			CXL	2021	53		2022	
AS 0649	Rice, hay and/or straw	3		(dw)	CXL	2021	53		2022	
AS 3570	Rice, hulls	300			CXL	2021	53		2023	
CM 0649	Rice, husked	5			CXL	2021	53		2023	
CM 1205	Rice, polished	3			CXL	2021	53		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0075	Root and tuber vegetables (group)	0.3			CXL	2010	43		2011	
AS 3560	Rye, hay and/or straw	8	(dw)		CXL	2021	53		2022	
GC 0651	Sorghum grain	0.6			CXL	2021	53		2022	
AS 3562	Sorghum, hay and/or straw	0.8	(dw)		CXL	2021	53		2022	
GS 0658	Sorgo or sorghum, sweet	0.6			CXL	2021	53		2022	
VS 2080	Stems and petioles (subgroup)	0.8			CXL	2023	55		2024	
FS 0012	Stone fruits (group)	1			CXL	2010	43		2011	
AS 3563	Sweet corn, stover	0.25	(dw)		CXL	2021	53		2022	
GC 2090	Sweet corns (subgroup)	0.01	(*)		CXL	2021	53		2022	
DT 1114	Tea, green, black (black, fermented and dried)	20			CXL	2010	43		2011	
TN 0085	Tree nuts (group)	0.01	(*)		CXL	2023	55		2024	
GC 0653	Triticale	0.15			CXL	2021	53		2022	
AS 0653	Triticale, hay and/or straw	8	(dw)		CXL	2021	53		2022	
GC 0654	Wheat	0.15			CXL	2021	53		2022	
CF 0654	Wheat bran, processed	0.4			CXL	2021	53		2022	
CF 1210	Wheat germ	0.3			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	8	(dw)		CXL	2021	53		2022	

246 Acetamiprid

Main Uses: Insecticide

JMPR:

ADI: 0–0.07 mg/kg bw (2011)

Acute RfD: 0.1 mg/kg bw ((2011))

Residue: For compliance with the MRL and for estimation of dietary exposure for plant commodities: Acetamiprid. For compliance with the MRL and for estimation of dietary exposure for animal commodities: Sum of acetamiprid and its desmethyl (IM-2-1) metabolite, expressed as acetamiprid. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0621	Asparagus	0.8			CXL	2015	48		2016	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.4			CXL	2011	44		2012	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.3			CXL	2011	44		2012	
FB 0018	Berries and other small fruits	2		Except grapes and strawberries.	CXL	2011	44		2012	
VB 0041	Cabbages, head	0.7			CXL	2011	44		2012	
HS 0775	Cardamom	0.1			CXL	2018	54	51	2023	
VS 0624	Celery	1.5			CXL	2011	44		2012	
FS 0013	Cherries (subgroup)	1.5			CXL	2011	44		2012	
FC 0001	Citrus fruits (group)	1			CXL	2011	44		2012	
SO 0691	Cotton seed	0.7			CXL	2011	44		2012	
VC 0424	Cucumber	0.3			CXL	2015	48		2016	
VD 2065	Dry beans (subgroup)	0.2		except soya beans and mung beans	3	2024	56			
MO 0105	Edible offal (mammalian)	1			CXL	2015	48		2016	
PE 0112	Eggs	0.01	(*)		CXL	2011	44		2012	
VB 0042	Flowerhead brassicas (includes Broccoli, Broccoli, Chinese and cauliflower)	0.4			CXL	2011	44		2012	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2		Except cucumber.	CXL	2015	48		2016	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.2		Except sweet corn and mushrooms.	CXL	2011	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VA 0381	Garlic	0.02			CXL	2011	44		2012	
FB 0269	Grapes	0.5			CXL	2011	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	
VD 0536	Mung bean (dry)	0.4			3	2024	56			
FS 0245	Nectarine	0.7			CXL	2011	44		2012	
VA 0385	Onion, bulb	0.02			CXL	2011	44		2012	
FS 0247	Peach	0.7			CXL	2011	44		2012	
VP 0064	Peas, shelled (succulent seeds)	0.3			CXL	2011	44		2012	
HS 0790	Pepper, black, white	0.1			CXL	2015	48		2016	
HS 0444	Peppers chili, dried	2			CXL	2011	44		2012	
TN 0675	Pistachio nuts	1			CXL	2021	53		2022	
FS 0014	Plums (including fresh prunes) (subgroup)	0.2		Except prunes.	CXL	2011	44		2012	
FP 0009	Pome fruits (group)	0.8			CXL	2011	44		2012	
PM 0110	Poultry meat	0.01 (*)			CXL	2011	44		2012	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2011	44		2012	
DF 0014	Prunes	0.6			CXL	2011	44		2012	
VD 0541	Soya bean (dry)	0.01			CXL	2023	55		2024	
HS 0190	Spices, seeds	2			CXL	2019	52		2021	
VA 0389	Spring onion	5			CXL	2011	44		2012	
FB 0275	Strawberry	0.5			CXL	2011	44		2012	
VP 2066	Subgroup of dry peas	0.24			3	2024	56			
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2015	48		2016	
AS 0447	Sweet corn fodder	40			CXL	2015	48		2016	
TN 0085	Tree nuts (group)	0.06		Except pistachio nut.	CXL	2021	53		2022	

247 Emamectin benzoate

Main Uses: Insecticide

JMPR:

ADI: 0–0.0005 mg/kg bw (2011)

Acute RfD: 0.02 mg/kg bw ((2014))

Residue: For compliance with the MRL and estimation of dietary intake for plant and animal commodities: Emamectin B1a benzoate. The residue is not fat soluble.

Note: Emamectin was previously evaluated at JMPR (2011) when an ADI of 0–0.0005 mg/kg bw and ARfD of 0.03 mg/kg bw were established for emamectin benzoate. Emamectin benzoate was evaluated by JECFA (2013) which confirmed the HBGVs established by JMPR (2011). JMPR (2014) withdrew the ARfD of 0.03 mg/kg bw and established an ARfD of 0.02 mg/kg bw. Emamectin was evaluated by JMPR (2023), due to a request for additional information on analytical methodology, storage stability and MRLs. The results of the newly submitted studies did not affect the previously established ADI or ARfD for emamectin benzoate.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DH 0722	Basil leaves, dried	0.4			CXL	2022	54		2023	
HH 0722	Basil, leaves	0.06			CXL	2022	54		2023	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.015			CXL	2011	44		2012	
DH 2605	Chive, dried	0.05			CXL	2022	54		2023	
VA 4155	Chives	0.01			CXL	2022	54		2023	
VL 0510	Cos lettuce	0.7			CXL	2014	47		2015	
SO 0691	Cotton seed	0.002 (*)			CXL	2011	44		2012	
MO 0105	Edible offal (mammalian)	0.1			CXL	2022	54		2023	
VB 0042	Flowerhead brassicas (subgroup)	0.007			CXL	2022	54		2023	
VC 0045	Fruiting vegetables, cucurbits (group)	0.007			CXL	2011	44		2012	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.02		Except sweet corn and mushrooms.	CXL	2011	44		2012	
FB 0269	Grapes	0.03			CXL	2011	44		2012	
VL 0054	Leaves of Brassicaceae (subgroup)	0.2			CXL	2022	54		2023	
VL 0482	Lettuce, head	1			CXL	2011	44		2012	
VL 0483	Lettuce, leaf	0.7			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.005			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
ML 0106	Milks	0.003			CXL	2022	54		2023	
VL 0485	Mustard greens	0.2			CXL	2011	44		2012	
FS 0245	Nectarine	0.03			CXL	2011	44		2012	
FS 0247	Peach	0.03			CXL	2011	44		2012	
HS 0444	Peppers chili, dried	0.2			CXL	2011	44		2012	
FP 0009	Pome fruits (group)	0.02			CXL	2011	44		2012	
SO 0495	Rape seed	0.005 (*)			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.001 (*)			CXL	2022	54		2023	
VL 0502	Spinach	0.05			CXL	2022	54		2023	
DT 1114	Tea, green, black (black, fermented and dried)	0.1			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.001 (*)			CXL	2014	47		2015	

248 Flutriafol

Main Uses: Fungicide

JMPR:

ADI: 0–0.01 mg/kg bw (2011)

Acute RfD: 0.05 mg/kg bw ((2011))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	15 (dw)			CXL	2022	54		2023	
TN 0660	Almonds	0.8			CXL	2022	54		2023	
FI 0327	Banana	0.3			CXL	2011	44		2012	
GC 0640	Barley	1.5			CXL	2022	54		2023	
AS 0640	Barley, hay and/or straw	10 (dw)			CXL	2022	54		2023	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	1.5			CXL	2015	48		2016	
VS 0624	Celery	3			CXL	2015	48		2016	
FS 0013	Cherries (subgroup)	0.8			CXL	2015	48		2016	
SB 0716	Coffee beans	0.15			CXL	2011	44		2012	
SO 0691	Cotton seed	0.5			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	1			CXL	2022	54		2023	
PE 0112	Eggs	0.01 (*)			CXL	2022	54		2023	
VC 0045	Fruiting vegetables, cucurbits (group)	0.3			CXL	2015	48		2016	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2011	45	44	2013	
FB 0269	Grapes	0.8			CXL	2011	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	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	2022	54		2023	
ML 0106	Milks	0.01 (*)			CXL	2022	54		2023	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.6			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0697	Peanut	0.15			CXL	2011	44		2012	
AL 0697	Peanut fodder	20			CXL	2011	44		2012	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2015	48		2016	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	10			CXL	2011	44		2012	
FS 0014	Plums (including fresh prunes) (subgroup)	0.4			CXL	2015	48		2016	
FP 0009	Pome fruits (group)	0.4			CXL	2015	48		2016	
PF 0111	Poultry fats	0.03			CXL	2022	54		2023	
PM 0110	Poultry meat	0.03	(fat)		CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.03			CXL	2022	54		2023	
DF 0014	Prunes	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 0649	Rice	4			4	2022	54,55			CCPR noted the reservation of the EU and Switzerland on the advancement of the MRLs for rice which were based on a GAP which is currently unsupported. CCPR agreed to retain the MRLs for all rice commodities at Step 4, awaiting additional data from the sponsor and the outcome of the JMPR re-evaluation (54:131-132). On behalf of the data sponsor, the Observer of CropLife International advised CCPR that the compound was listed on the Priority Schedule for review by JMPR in 2026 and that data covering rice commodities would be included in the data submission. CCPR agreed to retain the proposed MRLs at Step 4, awaiting JMPR review (55:178-179).
AS 0649	Rice, hay and/or straw	6 (dw)			4	2022	54,55			(See rice)
AS 3570	Rice, hulls	20 (dw)		Husks.	4	2022	54,55			(See rice)
CM 0649	Rice, husked	1			4	2022	54,55			(See rice)
CM 1205	Rice, polished	1.5			4	2022	54,55			(See rice)
GC 0651	Sorghum grain	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	2011	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0654	Wheat	0.15			CXL	2011	44		2012	
CM 0654	Wheat bran, unprocessed	0.3			CXL	2011	44		2012	
AS 0654	Wheat, hay and/or straw	8			CXL	2011	44		2012	

249 Isopyrazam

Main Uses: Fungicide

JMPR:

ADI: 0–0.06 mg/kg bw (2011)

Acute RfD: 0.3 mg/kg bw ((2011))

Residue: For compliance with the MRL for plant commodities: Isopyrazam (sum of syn-isomer and anti-isomer). For estimation of dietary exposure for plant commodities: Sum of isopyrazam and 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid [9-(1-hydroxyl-1-methylethyl)-(1RS, 4RS, 9RS)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]amide expressed as isopyrazam. For compliance with the MRL for estimation of dietary exposure) for animal commodities: Isopyrazam (sum of syn-isomer and anti-isomer). The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DF 0226	Apples, dried	3			CXL	2017	50		2018	
FI 0327	Banana	0.06			CXL	2011	44		2012	
GC 0640	Barley	0.6			CXL	2017	50		2018	
AS 0640	Barley, hay and/or straw	15	(dw)		CXL	2017	50		2018	
VR 0577	Carrot	0.15			CXL	2017	50		2018	
VO 2700	Cherry tomato	0.4			CXL	2017	50		2018	
VC 0424	Cucumber	0.06			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.02			CXL	2017	50		2018	
VO 2046	Eggplants (subgroup)	0.4			CXL	2017	50		2018	
PE 0112	Eggs	0.01	(*)		CXL	2011	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.03	(fat)		CXL	2017	50		2018	
VC 0046	Melons (except watermelon)	0.15			CXL	2017	50		2018	
FM 0183	Milk fats	0.02			CXL	2017	50		2018	
ML 0106	Milks	0.01	(*)		CXL	2017	50		2018	
SO 0697	Peanut	0.01			CXL	2017	50		2018	
VO 0445	Peppers, sweet (including pimento or pimiento)	0.09			CXL	2017	50		2018	
FP 0009	Pome fruits (group)	0.4			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01	(*)		CXL	2011	44		2012	
PM 0110	Poultry meat	0.01	(*)		CXL	2011	44		2012	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2011	44		2012	
SO 0495	Rape seed	0.2			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0650	Rye	0.03			CXL	2017	50		2018	
AS 0650	Rye straw and fodder, dry	15 (dw)			CXL	2017	50		2018	
VO 0448	Tomato	0.4			CXL	2017	50		2018	
DV 0448	Tomato, dried	5			CXL	2017	50		2018	
GC 0653	Triticale	0.03			CXL	2017	50		2018	
AS 0653	Triticale, hay and/or straw	15 (dw)			CXL	2017	50		2018	
GC 0654	Wheat	0.03			CXL	2017	50		2018	
CM 0654	Wheat bran, unprocessed	0.15			CXL	2011	44		2012	
AS 0654	Wheat, hay and/or straw	15 (dw)			CXL	2017	50		2018	

250 Propylene oxide

Main Uses: Insecticide

JMPR:

ADI: 0-0.04 mg/kg bw (2011)

Acute RfD: 0.04 mg/kg bw ((2011))

Residue: For compliance with MRL for plant commodities: Propylene oxide. For estimation of dietary exposure for plant commodities: Propylene oxide, propylene chlorohydrin and propylene bromohydrin. Propylene chlorohydrin and propylene bromohydrin to be considered separately from propylene oxide. The residue is not fat soluble.

Note: Propylene chlorohydrin

ADI: 0-0.3 mg/kg bw

ARfD: 0.3 mg/kg bw

Propylene bromohydrin

ADI: 0-0.03 mg/kg bw

ARfD: 0.03 mg/kg bw

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 4095	Acerola				CXL					

251 Saflufenacil

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2011))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	0.06			CXL	2016	49		2017	
FI 0327	Banana	0.01			CXL	2011	44		2012	
GC 0640	Barley	1			CXL	2016	49		2017	
CM 0640	Barley bran, unprocessed	3			CXL	2016	49		2017	
AS 0640	Barley, hay and/or straw	10			CXL	2016	49		2017	
GC 0080	Cereal grains (group)	0.01			CXL	2011	44		2012	
FC 0001	Citrus fruits (group)	0.01			CXL	2011	44		2012	
SB 0716	Coffee beans	0.01			CXL	2011	44		2012	
SO 0691	Cotton seed	0.2			CXL	2011	44		2012	
MO 0105	Edible offal (mammalian)	60			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
FB 0269	Grapes	0.01			CXL	2011	44		2012	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	30			CXL	2016	49		2017	
SO 0693	Linseed	0.6			CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	0.05			CXL	2011	44		2012	
MF 0100	Mammalian fats (except milk fats)	0.05			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01			CXL	2016	49		2017	
ML 0106	Milks	0.01			CXL	2016	49		2017	
SO 0485	Mustard seed	0.6			CXL	2017	50		2018	
SO 0697	Peanut	0.01 (*)			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	0.01			CXL	2011	44		2012	
VP 0064	Peas, shelled (succulent seeds)	0.01			CXL	2011	44		2012	
FP 0009	Pome fruits (group)	0.01			CXL	2011	44		2012	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FI	0355 Pomegranate	0.01 (*)			CXL	2016	49		2017	
PF	0111 Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM	0110 Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO	0111 Poultry, edible offal of	0.01 (*)			CXL	2016	49		2017	
VD	0070 Pulses (group)	0.3			CXL	2012	45		2013	
SO	0495 Rape seed	0.6			CXL	2011	44		2012	
AS	0651 Sorghum straw and fodder, dry	0.05			CXL	2011	44		2012	
VP	0541 Soya bean (immature seeds)	0.01			CXL	2011	44		2012	
FS	0012 Stone fruits (group)	0.01			CXL	2011	44		2012	
GS	0659 Sugar cane	0.03			CXL	2016	49		2017	
DM	0659 Sugar cane molasses	1			CXL	2016	49		2017	
SO	0702 Sunflower seed	0.7			CXL	2016	49		2017	
GC	0447 Sweet corn	0.01			CXL	2011	44		2012	
TN	0085 Tree nuts (group)	0.01			CXL	2011	44		2012	
GC	0653 Triticale	0.7			CXL	2016	49		2017	
AS	0653 Triticale, hay and/or straw	10			CXL	2016	49		2017	
GC	0654 Wheat	0.7			CXL	2016	49		2017	
AS	0654 Wheat, hay and/or straw	10			CXL	2016	49		2017	

252 Sulfoxaflor

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2011))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VS 0620	Artichoke, globe	0.9			CXL	2022	54		2023	
VS 0621	Asparagus	0.015			CXL	2021	53		2022	
FI 0326	Avocado	0.15			CXL	2021	53		2022	
GC 0640	Barley	0.6			CXL	2011	45	44	2013	
AS 0640	Barley, hay and/or straw	3			CXL	2011	45	44	2013	
VD 0071	Bean (dry)	0.3			CXL	2013	46		2014	
VB 0400	Broccoli	3			CXL	2011	45	44	2013	
FB 2006	Bush berries (subgroup)	2			CXL	2021	53		2022	
VB 0041	Cabbages, head	0.4			CXL	2011	45	44	2013	
FB 2005	Cane berries (subgroup)	1.5			CXL	2021	53		2022	
VR 0577	Carrot	0.05			CXL	2013	46		2014	
VB 0404	Cauliflower	0.04			CXL	2011	45	44	2013	
VS 0624	Celery	1.5			CXL	2011	45	44	2013	
FS 0013	Cherries (subgroup)	1.5			CXL	2014	47		2015	
SB 0716	Coffee beans	0.3			CXL	2021	53		2022	
SO 0691	Cotton seed	0.4			CXL	2011	45	44	2013	
MO 0105	Edible offal (mammalian)	1			CXL	2018	51		2019	
PE 0112	Eggs	0.1			CXL	2011	45	44	2013	
FB 0267	Elderberries	2			CXL	2021	53		2022	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2011	45	44	2013	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1.5		Except sweet corn and mushrooms.	CXL	2011	45	44	2013	
VA 0381	Garlic	0.01 (*)			CXL	2011	45	44	2013	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	6			CXL	2011	45	44	2013	
FB 0269	Grapes	2			CXL	2011	45	44	2013	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0053	Leafy vegetables (group)	6			CXL	2011	45	44	2013	
FC 0002	Lemons and limes (including citron) (subgroup)	0.4			CXL	2014	47		2015	
GC 0645	Maize	0.01		(*)	CXL	2018	51		2019	
AS 0645	Maize fodder (dry)	0.6			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2018	51		2019	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.8			CXL	2014	47		2015	
FI 0345	Mango	0.3			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.4			CXL	2018	51		2019	
ML 0106	Milks	0.3			CXL	2018	51		2019	
VA 0385	Onion, bulb	0.01		(*)	CXL	2011	45	44	2013	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.8			CXL	2014	47		2015	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.4			CXL	2014	47		2015	
HS 0444	Peppers chili, dried	15			CXL	2011	45	44	2013	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5			CXL	2014	47		2015	
FP 0009	Pome fruits (group)	0.3			CXL	2014	47		2015	
PF 0111	Poultry fats	0.03			CXL	2014	47		2015	
PM 0110	Poultry meat	0.7			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.3			CXL	2011	45	44	2013	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.15			CXL	2014	47		2015	
SO 0495	Rape seed	0.15			CXL	2011	45	44	2013	
GC 0649	Rice	7			CXL	2018	51		2019	
AS 0649	Rice, hay and/or straw	20			CXL	2018	51		2019	
CM 0649	Rice, husked	1.5			CXL	2018	51		2019	
CM 1205	Rice, polished	1			CXL	2018	51		2019	
VR 0075	Root and tuber vegetables (group)	0.03		Except carrots.	CXL	2011	45	44	2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0651	Sorghum grain	0.2			CXL	2018	51		2019	
AS 0651	Sorghum straw and fodder, dry	0.7			CXL	2018	51		2019	
VD 0541	Soya bean (dry)	0.3			CXL	2011	45	44	2013	
AL 0541	Soya bean, hay and/or straw	3			CXL	2011	45	44	2013	
VA 0389	Spring onion	0.7			CXL	2011	45	44	2013	
FB 0275	Strawberry	0.5			CXL	2011	45	44	2013	
SO 2091	Sunflower seeds (subgroup)	0.4			CXL	2022	54		2023	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2018	51		2019	
TN 0085	Tree nuts (group)	0.03			CXL	2018	51		2019	
GC 0653	Triticale	0.2			CXL	2011	45	44	2013	
GC 0654	Wheat	0.2			CXL	2011	45	44	2013	
AS 0654	Wheat, hay and/or straw	3			CXL	2011	45	44	2013	

253 Penthiopyrad

Main Uses: Fungicide

JMPR:

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

Acute RfD: 1 mg/kg bw ((2011))

Residue: For compliance with MRL for plant commodities: Penthiopyrad. For compliance with MRL for animal commodities and for the estimation of dietary intake for plant and animal commodities: Sum of penthiopyrad and 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide (PAM), expressed as penthiopyrad. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	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, hay and/or straw	80 (DM)			CXL	2012	46	45	2014	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	3		Green pods and immature seeds.	CXL	2012	45		2013	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.3			CXL	2012	45		2013	
FB 2006	Bush berries (subgroup)	7			CXL	2019	52		2021	
VB 0041	Cabbages, head	4			CXL	2012	46	45	2014	
FB 2005	Cane berries (subgroup)	10			CXL	2019	52		2021	
VR 0577	Carrot	0.6			CXL	2012	45		2013	
VS 0624	Celery	15			CXL	2012	45		2013	
AB 1204	Cotton gin trash	20 (DM)			CXL	2012	46	45	2014	
SO 0691	Cotton seed	0.5			CXL	2012	46	45	2014	
MO 0105	Edible offal (mammalian)	0.08			CXL	2013	46		2014	
PE 0112	Eggs	0.03			CXL	2012	46	45	2014	
FB 0267	Elderberries	7			CXL	2019	52		2021	
VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and cauliflower)	5			CXL	2012	45		2013	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2012	45		2013	
VO 0050	Fruiting vegetables, other than cucurbits (group)	2		Except sweet corn and mushroom.	CXL	2012	45		2013	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 2254	Guelder rose	7			CXL	2019	52		2021	
VL 0053	Leafy vegetables (group)	30		Except brassica leafy vegetables.	CXL	2012	45		2013	
GC 0645	Maize	0.01			CXL	2012	46	45	2014	
CF 1255	Maize flour	0.05			CXL	2012	46	45	2014	
AS 0645	Maize fodder (dry)	10	(DM)		CXL	2012	45		2017	
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	0.8			CXL	2012	46	45	2014	
AS 0646	Millet fodder, dry	10	(DM)		CXL	2012	46	45	2014	
AS 0647	Oat straw and fodder, dry	80	(DM)		CXL	2012	46	45	2014	
GC 0647	Oats	0.2			CXL	2013	46		2014	
VA 0385	Onion, bulb	0.7			CXL	2012	45		2013	
VA 0387	Onion, Welsh	4			CXL	2012	45		2013	
AL 0072	Pea, hay and/or straw	60	(DM)		CXL	2012	46	45	2014	
SO 0697	Peanut	0.05			CXL	2012	46	45	2014	
AL 0697	Peanut fodder	30	(DM)		CXL	2012	46	45	2014	
OR 0697	Peanut oil, edible	0.5			CXL	2012	46	45	2014	
VP 0063	Peas (pods and succulent=immature seeds)	3			CXL	2012	45		2013	
VP 0064	Peas, shelled (succulent seeds)	0.3			CXL	2012	45		2013	
HS 0444	Peppers chili, dried	14			CXL	2012	45		2013	
FP 0009	Pome fruits (group)	0.4			CXL	2012	46	45	2014	
VR 0589	Potato	0.05			CXL	2012	45		2013	
PF 0111	Poultry fats	0.03			CXL	2012	46	45	2014	
PM 0110	Poultry meat	0.03			CXL	2012	46	45	2014	
PO 0111	Poultry, edible offal of	0.03			CXL	2012	46	45	2014	
VD 0070	Pulses (group)	0.3		Except soya beans.	CXL	2012	45		2013	
VR 0494	Radish	3			CXL	2012	45		2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 grain	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, hay and/or straw	200	(DM)		CXL	2012	46	45	2014	
VA 0389	Spring onion	4			CXL	2012	45		2013	
FS 0012	Stone fruits (group)	4			CXL	2012	45		2013	
FB 0275	Strawberry	3			CXL	2012	45		2013	
VR 0596	Sugar beet	0.5			CXL	2012	46	45	2014	
SO 0702	Sunflower seed	1.5			CXL	2012	46	45	2014	
VO 0447	Sweet corn (corn-on-the-cob)	0.02			CXL	2012	45		2013	
TN 0085	Tree nuts (group)	0.05			CXL	2012	45		2013	
GC 0653	Triticale	0.1			CXL	2013	46		2014	
AS 0653	Triticale, hay and/or straw	80	(DM)		CXL	2012	46	45	2014	
VL 0506	Turnip greens	50			CXL	2012	45		2013	
GC 0654	Wheat	0.1			CXL	2013	46		2014	
CF 0654	Wheat bran, processed	0.1			CXL	2012	46	45	2014	
CM 0654	Wheat bran, unprocessed	0.2			CXL	2013	46		2014	
CF 1210	Wheat germ	0.2			CXL	2013	46		2014	
AS 0654	Wheat, hay and/or straw	80	(DM)		CXL	2012	46	45	2014	

254 Chlorfenapyr

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.03 mg/kg bw (2012)

Residue: For compliance with the MRL for plant and animal commodities: Chlorfenapyr. For dietary risk assessment for plant and animal commodities: Sum of chlorfenapyr plus 10 × 4-bromo-2-(p-chlorophenyl)-5-(trifluoromethyl)-pyrrole-3-carbonitrile (tralopyril). The residue is fat-soluble.

Note: JMPR (2018) noted that no revision of the ADI or ARfD was necessary. JMPR also concluded that six metabolites identified in residue studies – CL322250 (M-5A), CL325195 (M-5), CL152837 (M-4), CL152832 (M-7A), CL152835 (M-6) and CL325157 (M-6A) – were toxicologically not relevant at currently estimated dietary exposures.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.05			CXL	2018	51		2019	
PE 0112	Eggs	0.01			CXL	2018	51		2019	
VA 0381	Garlic	0.01		(*)	CXL	2018	51		2019	
FC 0002	Lemons and limes (including citron) (subgroup)	0.8			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.6			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.6		(fat)	CXL	2018	51		2019	
VC 0046	Melons (except watermelon)	0.4			CXL	2018	51		2019	
ML 0106	Milks	0.03			CXL	2018	51		2019	
VA 0385	Onion, bulb	0.01		(*)	CXL	2018	51		2019	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	1.5			CXL	2018	51		2019	
FI 0350	Papaya	0.3			CXL	2018	51		2019	
VO 0051	Peppers (subgroup)	0.3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2018	51		2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	3			CXL	2018	51		2019	
VR 0589	Potato	0.01		(*)	CXL	2018	51		2019	
PF 0111	Poultry fats	0.02			CXL	2018	51		2019	
PM 0110	Poultry meat	0.02		(fat)	CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.01			CXL	2018	51		2019	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD 0541	Soya bean (dry)	0.08			CXL	2018	51		2019	
OC 0541	Soya bean oil, crude	0.4			CXL	2018	51		2018	
AL 0541	Soya bean, hay and/or straw	7		(DM)	CXL	2018	51		2018	
DT 1114	Tea, green, black (black, fermented and dried)	60			CXL	2018	51		2019	
VO 0448	Tomato	0.4			CXL	2018	51		2019	

255 Dinotefuran

Main Uses: Insecticide

JMPR:

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

Acute RfD: 1 mg/kg bw ((2012))

Residue: For compliance with the MRL for plant commodities: Dinotefuran. For estimation of dietary intake for plant commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) and 1-methyl-3-(tetrahydro-3furylmethyl)guanidium dihydrogen (DN) expressed as dinotefuran. For compliance with the MRL and estimation of dietary intake for animal commodities: Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) expressed as dinotefuran. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2012	45		2013	
VS 0624	Celery	0.6			CXL	2012	45		2013	
SO 0691	Cotton seed	0.2			CXL	2012	45		2013	
FB 0265	Cranberry	0.15			CXL	2012	45		2013	
MO 0105	Edible offal (mammalian)	0.1			CXL	2012	45		2013	
PE 0112	Eggs	0.02 (*)			CXL	2012	45		2013	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2012	45		2013	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.5		Except goji berry.	CXL	2023	55		2024	
VO 2704	Goji berry	0.6			CXL	2023	55		2024	
DV 2704	Goji berry, dried	2			CXL	2023	55		2024	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	3			CXL	2012	45		2013	
FB 0269	Grapes	0.9			CXL	2012	45		2013	
VL 0053	Leafy vegetables (group)	6		Except watercress.	CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2012	45		2013	
ML 0106	Milks	0.1			CXL	2012	45		2013	
FS 0245	Nectarine	0.8			CXL	2012	45		2013	
VA 0385	Onion, bulb	0.1			CXL	2012	45		2013	
FS 0247	Peach	0.8			CXL	2012	45		2013	
HS 0444	Peppers chili, dried	5			CXL	2012	45		2013	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.02 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2012	45		2013	
GC 0649	Rice	8			CXL	2012	45		2013	
AS 0649	Rice, hay and/or straw	6			CXL	2012	45		2013	
CM 1205	Rice, polished	0.3			CXL	2012	45		2013	
VA 0389	Spring onion	4			CXL	2012	45		2013	
VL 0473	Watercress	7			CXL	2012	45		2013	

256 Fluxapyroxad

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2012))

Residue: For compliance with the MRL for plant and animal commodities: Fluxapyroxad. For estimation of dietary intake) for plant commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'- biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) and 3-(difluoromethyl)- 1-(β-D-glucopyranosyl)-N-(3',4',5'-trifluorobiphenyl-2-yl)-1H-pyrazole-4- carboxamide (M700F048) and expressed as parent equivalents. For estimation of dietary intake) for animal commodities: Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'- biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) expressed as parent equivalents. The residue is fat soluble.

Note: The JMPR 2018 concluded that the new studies support the existing ADI of 0–0.02 mg/kg bw and have no impact on the ARfD of 0.3 mg/kg bw established in 2012.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 3350	Alfalfa hay	20 (DM)			CXL	2018	51		2019	
FI 0327	Banana	3			CXL	2015	48		2016	
GC 0640	Barley	2			CXL	2012	45		2013	
CF 0640	Barley bran, processed	4			CXL	2012		45	2013	
AS 0640	Barley, hay and/or straw	30			CXL	2012	45		2013	
VD 0071	Bean (dry)	0.3			CXL	2012	45		2013	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	2			CXL	2012	45		2013	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.09			CXL	2012	45		2013	
FB 0018	Berries and other small fruits	7		Except grapes.	CXL	2015	48		2016	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2015	48		2016	
VR 0577	Carrot	1			CXL	2015	48		2016	
VS 0624	Celery	10			CXL	2015	48		2016	
FS 0013	Cherries (subgroup)	3			CXL	2015	48		2016	
VD 0524	Chick-pea (dry)	0.4			CXL	2012	45		2013	
OR 0001	Citrus oil, edible	90			CXL	2019	52		2021	
AB 0001	Citrus pulp, dried	8			CXL	2019	52		2021	
SB 0716	Coffee beans	0.15			CXL	2018	51		2019	
SO 0691	Cotton seed	0.5			CXL	2018	51		2019	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.1			CXL	2012	45		2013	
PE 0112	Eggs	0.02			CXL	2012	45		2013	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2015	48		2016	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.6		Except sweet corn and mushrooms.	CXL	2012	45		2013	
VA 0381	Garlic	0.6			CXL	2015	48		2016	
AB 0269	Grape pomace, dried	150			CXL	2015	48		2016	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	15			CXL	2015	48		2016	
FB 0269	Grapes	3			CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae (subgroup)	4			CXL	2015	48		2016	
FC 0002	Lemons and limes (including citron) (subgroup)	1			CXL	2019	52		2021	
VD 0533	Lentil (dry)	0.4			CXL	2012	45		2013	
VL 0482	Lettuce, head	4			CXL	2015	48		2016	
GC 0645	Maize	0.01	(*)		CXL	2012	45		2013	
AS 0645	Maize fodder (dry)	15			CXL	2012	45		2013	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	1			CXL	2019	52		2021	
FI 0345	Mango	0.6			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.2	(fat)		CXL	2012	45		2013	
FM 0183	Milk fats	0.5			CXL	2012	45		2013	
ML 0106	Milks	0.02			CXL	2012	45		2013	
AS 0647	Oat straw and fodder, dry	30			CXL	2012	45		2013	
GC 0647	Oats	2			CXL	2012	45		2013	
SO 0088	Oilseeds and oilfruits (group)	0.8		Except peanut and cotton.	CXL	2012	45		2013	
VA 0385	Onion, bulb	0.6			CXL	2015	48		2016	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	1.5			CXL	2019	52		2021	
FI 0350	Papaya	1			CXL	2018	51		2019	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VR 0588	Parsnip	1			CXL	2015	48		2016	
AL 0072	Pea, hay and/or straw	40	(dw)		CXL	2012	45		2013	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1.5			CXL	2015	48		2016	
SO 0697	Peanut	0.01			CXL	2012	45		2013	
VD 0072	Peas (dry)	0.4			CXL	2012	45		2013	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2012	45		2013	
VP 0064	Peas, shelled (succulent seeds)	0.09			CXL	2012	45		2013	
HS 0444	Peppers chili, dried	6			CXL	2012	45		2013	
FS 0014	Plums (including fresh prunes) (subgroup)	1.5			CXL	2015	48		2016	
FP 0009	Pome fruits (group)	0.9			CXL	2012	45		2013	
VR 0589	Potato	0.07			CXL	2018	51		2019	
PF 0111	Poultry fats	0.05			CXL	2012	45		2013	
PM 0110	Poultry meat	0.02			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.02			CXL	2012	45		2013	
DF 0014	Prunes	5			CXL	2012	45		2013	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.6			CXL	2019	52		2021	
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, hay and/or straw	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	2012	45		2013	
AS 0650	Rye straw and fodder, dry	30			CXL	2012	45		2013	
VA 0388	Shallot	0.6			CXL	2015	48		2016	
GC 0651	Sorghum grain	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)	0.15			CXL	2012	45		2013	
VP 0541	Soya bean (immature seeds)	0.5			CXL	2012	45		2013	
VP 0546	Soya bean (young pod)	1.5			CXL	2012	45		2013	
AB 0541	Soya bean hulls	0.3			CXL	2012	45		2013	
AL 0541	Soya bean, hay and/or straw	30	(dw)		CXL	2012	45		2013	
VR 0596	Sugar beet	0.15			CXL	2012	45		2013	
VO 0447	Sweet corn (corn-on-the-cob)	0.15			CXL	2012	45		2013	
TN 0085	Tree nuts (group)	0.04			CXL	2015	48		2016	
GC 0653	Triticale	0.3			CXL	2012	45		2013	
AS 0653	Triticale, hay and/or straw	30			CXL	2012	45		2013	
VR 2071	Tuberous and corm vegetables (subgroup)	0.03		Except potato.	CXL	2018	51		2019	
GC 0654	Wheat	0.3			CXL	2012	45		2013	
CM 0654	Wheat bran, unprocessed	1			CXL	2012	45		2013	
AS 0654	Wheat, hay and/or straw	30			CXL	2012	45		2013	

257 MCPA

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.6 mg/kg bw ((2012))

Residue: For compliance with the MRL for plant and animal commodities: MCPA. For estimation of dietary intake for plant commodities: Sum of MCPA, its conjugates and esters, all expressed as MCPA. For the estimation of dietary intake for animal commodities: Sum of MCPA and its conjugates, expressed as MCPA. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.2			CXL	2012	45		2013	
AS 0640	Barley, hay and/or straw	50			CXL	2012	45		2013	
MO 0105	Edible offal (mammalian)	3			CXL	2012	45		2013	
PE 0112	Eggs	0.05 (*)			CXL	2012	45		2013	
SO 4711	Flax-seed	0.01 (*)			CXL	2012	45		2013	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	500			CXL	2012	45		2013	
GC 0645	Maize	0.01 (*)			CXL	2012	45		2013	
AS 0645	Maize fodder (dry)	0.3			CXL	2012	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2012	45		2013	
ML 0106	Milks	0.04			CXL	2012	45		2013	
AS 0647	Oat straw and fodder, dry	50			CXL	2012	45		2013	
GC 0647	Oats	0.2			CXL	2012	45		2013	
VD 0072	Peas (dry)	0.01 (*)			CXL	2012	45		2013	
PF 0111	Poultry fats	0.05 (*)			CXL	2012	45		2013	
PM 0110	Poultry meat	0.05 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2012	45		2013	
GC 0650	Rye	0.2			CXL	2012	45		2013	
AS 0650	Rye straw and fodder, dry	50			CXL	2012	45		2013	
GC 0653	Triticale	0.2			CXL	2012	45		2013	
AS 0653	Triticale, hay and/or straw	50			CXL	2012	45		2013	
GC 0654	Wheat	0.2			CXL	2012	45		2013	
AS 0654	Wheat, hay and/or straw	50			CXL	2012	45		2013	

258 Picoxystrobin

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.09 mg/kg bw ((2012))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR		
Code	Name											
AL 1020	Alfalfa, hay and/or straw	10	(dw)		CXL	2019	52		2021			
GC 0640	Barley	0.3			CXL	2017	50		2018			
AS 0640	Barley, hay and/or straw	7	(dw)		CXL	2017	50		2018			
SB 0716	Coffee beans	0.04			CXL	2019	52		2021			
SO 0691	Cotton seed	2			CXL	2019	52		2021			
VD 2065	Dry beans (subgroup)	0.06			CXL	2017	50		2018			
VD 2066	Dry peas				(subgroup)		0.06		CXL	2017	50	2018
MO 0105	Edible offal (mammalian)	0.02			CXL	2019	52		2021			
PE 0112	Eggs	0.01	(*)		CXL	2017	50		2018			
GC 0645	Maize	0.015			CXL	2017	50		2018			
AS 0645	Maize fodder (dry)	20	(dw)		CXL	2017	50		2018			
OR 0645	Maize oil, edible	0.15			CXL	2017	50		2018			
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2019	52		2021			
MM 0095	Meat (from mammals other than marine mammals)	0.02	(fat)		CXL	2019	52		2021			
ML 0106	Milks	0.01	(*)		CXL	2019	52		2021			
AS 0647	Oat straw and fodder, dry	7	(dw)		CXL	2017	50		2018			
GC 0647	Oats	0.3			CXL	2017	50		2018			
AL 0072	Pea, hay and/or straw	150	(dw)		CXL	2017	50		2018			
GC 0656	Popcorn	0.015			CXL	2017	50		2018			
PF 0111	Poultry fats	0.01			CXL	2017	50		2018			
PM 0110	Poultry meat	0.01	(*)		CXL	2017	50		2018			
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2017	50		2018			
GC 0650	Rye	0.04			CXL	2017	50		2018			
AS 0650	Rye straw and fodder, dry	7	(dw)		CXL	2017	50		2018			
GC 0651	Sorghum grain	0.02			CXL	2019	52		2021			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0651	Sorghum straw and fodder, dry	1 (dw)			CXL	2019	52		2021	
OR 0541	Soya bean oil, refined	0.2			CXL	2017	50		2018	
AL 0541	Soya bean, hay and/or straw	5 (dw)			CXL	2017	50		2018	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2017	50		2018	
DT 1114	Tea, green, black (black, fermented and dried)	15			CXL	2019	52		2021	
GC 0653	Triticale	0.04			CXL	2017	50		2018	
AS 0653	Triticale, hay and/or straw	7 (dw)			CXL	2017	50		2018	
GC 0654	Wheat	0.04			CXL	2017	50		2018	
CF 0654	Wheat bran, processed	0.15			CXL	2017	50		2018	
CF 1210	Wheat germ	0.15			CXL	2017	50		2018	
AS 0654	Wheat, hay and/or straw	7 (dw)			CXL	2017	50		2018	

259 Sedaxane

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2012))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 0061	Bean, hay and/or straw	0.01 (*)			CXL	2014	47		2015	
GC 0080	Cereal grains (group)	0.01 (*)			CXL	2014	47		2015	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2012	45		2013	
PE 0112	Eggs	0.01 (*)			CXL	2012	45		2013	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2012	45		2013	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*) (fat)			CXL	2012	45		2013	
FM 0183	Milk fats	0.01 (*)			CXL	2012	45		2013	
ML 0106	Milks	0.01 (*)			CXL	2012	45		2013	
AL 0072	Pea, hay and/or straw	0.01 (*)			CXL	2014	47		2015	
VR 0589	Potato	0.02			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01 (*)			CXL	2012	45		2013	
PM 0110	Poultry meat	0.01 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2012	45		2013	
VD 0070	Pulses (group)	0.01 (*)			CXL	2014	47		2015	
SO 0495	Rape seed	0.01 (*)			CXL	2012	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:

ADI: Unnecessary mg/kg bw (2012)

Acute RfD: Unnecessary ((2012))

Residue: For compliance with the MRL for plant commodities: Ametoctradin. For compliance with the MRL for animal commodities: Sum of ametoctradin, M650F01 and M650F06, expressed as Ametoctradin. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	9			CXL	2012	45		2013	
VS 0624	Celery	20			CXL	2012	45		2013	
VC 0424	Cucumber	0.4			CXL	2012	45		2013	
PE 0112	Eggs	0.03 (*)			CXL	2012	45		2013	
VC 0045	Fruiting vegetables, cucurbits (group)	3		Except cucumber.	CXL	2012	45		2013	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1.5		Except sweet corn and mushroom.	CXL	2012	45		2013	
VA 0381	Garlic	1.5			CXL	2012	45		2013	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	20			CXL	2012	45		2013	
FB 0269	Grapes	6			CXL	2012	45		2013	
DH 1100	Hops, dry	30			CXL	2012	45		2013	
VL 0053	Leafy vegetables (group)	50			CXL	2012	45		2013	
VA 0385	Onion, bulb	1.5			CXL	2012	45		2013	
HS 0444	Peppers chili, dried	15			CXL	2012	45		2013	
VR 0589	Potato	0.05			CXL	2012	45		2013	
PF 0111	Poultry fats	0.03 (*)			CXL	2012	45		2013	
PM 0110	Poultry meat	0.03 (*)			CXL	2012	45		2013	
PO 0111	Poultry, edible offal of	0.03 (*)			CXL	2012	45		2013	
VA 0388	Shallot	1.5			CXL	2012	45		2013	
VA 0389	Spring onion	20			CXL	2012	45		2013	

261 Benzovindiflupyr

Main Uses: Fungicide

JMPR:

ADI: 0–0.05 mg/kg bw (2013)

Acute RfD: 0.1 mg/kg bw ((2013))

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Benzovindiflupyr.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	1			CXL	2016	49		2017	
AS 0640	Barley, hay and/or straw	15	(dw)		CXL	2016	49		2017	
FB 0020	Blueberries	2			CXL	2022	54		2023	
VA 2031	Bulb onions (subgroup)	0.02			CXL	2019	52		2021	
SB 0716	Coffee beans	0.15			CXL	2016	49		2017	
VD 2065	Dry beans (subgroup)	0.15		Except soya bean, dry.	CXL	2018	51		2019	
VD 2066	Dry peas				(subgroup)		0.2		CXL	2018 51 2019
MO 0105	Edible offal (mammalian)	0.1			CXL	2016	49		2017	
PE 0112	Eggs	0.01	(*)		CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2016	49		2017	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.9			CXL	2016	49		2017	
DV 0604	Ginseng, dried including red ginseng	0.3			CXL	2022	54		2023	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	3			CXL	2016	49		2017	
FB 0269	Grapes	1			CXL	2016	49		2017	
GC 0645	Maize	0.02			CXL	2022	54		2023	
AS 3558	Maize, stover	7	(dw)		CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.03	F		CXL	2016	49		2017	
ML 0106	Milks	0.01	(*)		CXL	2016	49		2017	
AS 0647	Oat straw and fodder, dry	15	(dw)		CXL	2016	49		2017	
GC 0647	Oats	1			CXL	2016	49		2017	
AL 0072	Pea, hay and/or straw	8	(dw)		CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0697	Peanut	0.04			CXL	2016	49		2017	
AL 0697	Peanut fodder	15	(dw)		CXL	2016	49		2017	
HS 0444	Peppers chili, dried	9			CXL	2016	49		2017	
FP 0009	Pome fruits (group)	0.2			CXL	2016	49		2017	
GC 0656	Popcorn	0.02			CXL	2022	54		2023	
AS 0656	Popcorn, stover	7	(dw)		CXL	2022	54		2023	
VR 0589	Potato	0.02			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01	(*)		CXL	2016	49		2017	
PM 0110	Poultry meat	0.01	(*)		CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2016	49		2017	
SO 0495	Rape seed	0.2			CXL	2016	49		2017	
GC 0650	Rye	0.1			CXL	2016	49		2017	
AS 0650	Rye straw and fodder, dry	15	(dw)		CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.08			CXL	2016	49		2017	
GS 0659	Sugar cane	0.4			CXL	2019	52		2021	
VO 0447	Sweet corn (corn-on-the-cob)	0.01	(*)		CXL	2016	49		2017	
GC 0653	Triticale	0.1			CXL	2016	49		2017	
AS 0653	Triticale, hay and/or straw	15	(dw)		CXL	2016	49		2017	
GC 0654	Wheat	0.1			CXL	2016	49		2017	
AS 0654	Wheat, hay and/or straw	15	(dw)		CXL	2016	49		2017	

262 Bixafen

Main Uses: Fungicide

JMPR:

ADI: 0–0.02 mg/kg bw (2013)

Acute RfD: 0.2 mg/kg bw ((2013))

Residue: For compliance with MRLs for plant commodities: Bixafen. For compliance with MRLs for animal commodities and for dietary risk assessment for plant and animal commodities: Sum of bixafen and N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1H-pyrazole-4-carboxamide (bixafen-desmethyl), expressed as bixafen.

The residue is fat soluble.

Note: The currently available information on residues in rotational crops was not sufficient to make recommendations on maximum residue levels in plant and animal commodities.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0640	Barley	1.5			CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	20	(dw)		CXL	2016	49		2017	
SO 0691	Cotton seed	0.3			CXL	2021	53		2022	
MO 0105	Edible offal (mammalian)	4			CXL	2016	49		2017	
PE 0112	Eggs	0.05			CXL	2016	49		2017	
GC 0645	Maize	0.01	(*)		CXL	2021	53		2022	
AS 3490	Maize bran, unprocessed	0.03			CXL	2021	53		2022	
OR 0645	Maize oil, edible	0.02			CXL	2021	53		2022	
AS 3557	Maize, hay and/or straw	5	(dw)		CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	2			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	2016	49		2017	
FM 0183	Milk fats	5			CXL	2016	49		2017	
ML 0106	Milks	0.2			CXL	2016	49		2017	
AS 0647	Oat straw and fodder, dry	20	(dw)		CXL	2016	49		2017	
GC 0647	Oats	0.4			CXL	2016	49		2017	
SO 0697	Peanut	0.01	(*)		CXL	2021	53		2022	
OR 0697	Peanut oil, edible	0.03			CXL	2021	53		2022	
PF 0111	Poultry fats	0.05			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02	(*)		CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.05			CXL	2016	49		2017	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0070	Pulses (group)	0.04		Except soya bean (dry). Based on rotational crops.	CXL	2021	53		2022	
SO 0495	Rape seed	0.04			CXL	2016	49		2017	
OR 0495	Rape seed oil, edible	0.08			CXL	2016	49		2017	
VR 0075	Root and tuber vegetables (group)	0.06		Based on rotational crops.	CXL	2021	53		2022	
GC 0650	Rye	0.05			CXL	2016	49		2017	
AS 0650	Rye straw and fodder, dry	20	(dw)		CXL	2016	49		2017	
GC 0651	Sorghum grain	2			CXL	2021	53		2022	
VD 0541	Soya bean (dry)	0.08			CXL	2021	53		2022	
OR 0541	Soya bean oil, refined	0.15			CXL	2021	53		2022	
AL 3538	Soya bean, hulls	0.3			CXL	2021	53		2022	
SO 0702	Sunflower seed	3			CXL	2021	53		2022	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01	(*)		CXL	2021	53		2022	
GC 0653	Triticale	0.05			CXL	2016	49		2017	
AS 0653	Triticale, hay and/or straw	20	(dw)		CXL	2016	49		2017	
GC 0654	Wheat	0.3			CXL	2021	53		2022	
CF 0654	Wheat bran, processed	0.8			CXL	2021	53		2022	
CM 0654	Wheat bran, unprocessed	0.15			CXL	2016	49		2017	
AS 0654	Wheat, hay and/or straw	20	(dw)		CXL	2016	49		2017	

263 Cyantraniliprole

Main Uses: Acaricide

JMPR:

ADI: 0–0.03 mg/kg bw (2013)

Acute RfD: Unnecessary ((2013))

Residue: For compliance with the MRL for plant and animal commodities: Cyantraniliprole. For dietary risk assessment for unprocessed plant commodities:

Cyantraniliprole. For dietary risk assessment for processed plant commodities: Sum of cyantraniliprole and IN-J9Z38, expressed as cyantraniliprole. For

dietary risk assessment for animal commodities: Sum of cyantraniliprole, 2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-3,4-dihydro-3,8-dimethyl-4-oxo-6-quinazolinecarbonitrile [IN-J9Z38], 2-[3-Bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazol-5-yl]-1,4-dihydro-8-methyl-4-oxo-6-quinazolinecarbonitrile [IN-MLA84], 3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-(hydroxymethyl)-6-[(methylamino)carbonyl]phenyl]-1H-pyrazole-5-carboxamide [IN- N7B69] and 3-Bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-[(hydroxymethyl)amino]carbonyl]-6-methylphenyl]-1H-pyrazole-5-carboxamide [IN- MYX98], expressed as cyantraniliprole. The residue is not fat-soluble.

Note: Metabolites IN-K5A78, IN-F6L99, and IN-N5M09 are assessed using Cramer Class III threshold of 1.5 µg/kg per day.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	0.4			CXL	2023	55		2024	
AL 0061	Bean, hay and/or straw	40	(DM)		CXL	2015	48		2016	(DM) = dry matter
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.3			CXL	2015	48		2016	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2013	46		2014	
FB 2006	Bush berries (subgroup)	4			CXL	2013	46		2014	
FB 2005	Cane berries (subgroup)	4			CXL	2023	55		2024	
VS 0624	Celery	15			CXL	2013	46		2014	
FS 0013	Cherries (subgroup)	6			CXL	2013	46		2014	
FC 0001	Citrus fruits (group)	0.7			CXL	2015	48		2016	
OR 0001	Citrus oil, edible	4.5			CXL	2015	48		2016	
SB 0716	Coffee beans	0.05			CXL	2015	48		2016	
VP 0526	Common bean (pods and/or immature seeds)	1.5			CXL	2015	48		2016	
SO 0691	Cotton seed	1.5			CXL	2015	48		2016	
FB 0265	Cranberry	0.08			CXL	2018	51		2019	
VD 2065	Dry beans (subgroup)	0.6			CXL	2023	55		2024	
VD 2066	Dry peas (subgroup)						0.6		CXL	2023 55 2024
MO 0105	Edible offal (mammalian)	1.5			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PE 0112	Eggs	0.3			CXL	2023	55		2024	
AM 1051	Fodder beet, roots	0.02			CXL	2013	46		2014	
VC 0045	Fruiting vegetables, cucurbits (group)	0.3			CXL	2018	51		2019	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.5		Except mushrooms and sweet corn.	CXL	2013	46		2014	
VA 0381	Garlic	0.05			CXL	2013	46		2014	
AB 0269	Grape pomace, dried	15			CXL	2023	55		2024	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	3			CXL	2023	55		2024	
FB 0269	Grapes	2			CXL	2023	55		2024	
VL 0053	Leafy vegetables (group)	20		Except Lettuce, head.	CXL	2013	46		2014	
AL 0157	Legume animal feeds	0.8 (dw)			CXL	2013	46		2014	
VL 0482	Lettuce, head	5			CXL	2013	46		2014	
GC 0645	Maize	0.01 (*)			CXL	2015	48		2016	
MF 0100	Mammalian fats (except milk fats)	0.5			CXL	2015	48		2016	
FI 0345	Mango	0.7			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.2			CXL	2015	48		2016	
ML 0106	Milks	0.6			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0305	Olives for oil production	1			4	2023	55			The Observer of CropLife International supported the EU's established MRL of 3 mg/kg for olives and olives used for production and requested a review of the calculations by JMPR. The EU proposed retaining the proposed MRLs for olives for oil production and table olives at Step 4, while awaiting the JMPR review on the calculations. The JMPR Secretariat agreed to review their evaluations and would notify CCPR56 if the MRL recommendations should be revised. CCPR agreed to retain the proposed MRLs for table olives and olives used for oil production at Step 4, while awaiting JMPR's clarification (55:184-187) (See also table olives).
VA 0385	Onion, bulb	0.05			CXL	2013	46		2014	
VA 0387	Onion, Welsh	8			CXL	2013	46		2014	
AL 0072	Pea, hay and/or straw	60	(DM)		CXL	2015	48		2016	
FS 0247	Peach	1.5			CXL	2013	46		2014	
VP 0063	Peas (pods and succulent=immature seeds)	2			CXL	2015	48		2016	
VP 0064	Peas, shelled (succulent seeds)	0.3			CXL	2015	48		2016	
HS 0444	Peppers chili, dried	5			CXL	2013	46		2014	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5			CXL	2013	46		2014	
FP 0009	Pome fruits (group)	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PO 0111	Poultry, edible offal of	0.15			CXL	2015	48		2016	
DF 0014	Prunes	0.8			CXL	2013	46		2014	
SO 0495	Rape seed	0.8			CXL	2015	48		2016	
AS 0649	Rice, hay and/or straw	1.7 (dw)			CXL	2018	51		2019	
CM 0649	Rice, husked	0.01 (*)			CXL	2018	51		2019	
CM 1205	Rice, polished	0.01 (*)			CXL	2018	51		2019	
VR 0075	Root and tuber vegetables (group)	0.05		Except potato.	CXL	2013	46		2014	
VA 0388	Shallot	0.05			CXL	2013	46		2014	
VP 0541	Soya bean (immature seeds)	0.3			CXL	2015	48		2016	
AL 0541	Soya bean, hay and/or straw	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 (dw)			CXL	2013	46		2014	
FB 0275	Strawberry	1.5			CXL	2018	51		2019	
SO 0702	Sunflower seed	0.5			CXL	2015	48		2016	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 0305	Table olives	1			4	2023	55			The Observer of CropLife International supported the EU's established MRL of 3 mg/kg for olives and olives used for production and requested a review of the calculations by JMPR. The EU proposed retaining the proposed MRLs for olives for oil production and table olives at Step 4, while awaiting the JMPR review on the calculations. The JMPR Secretariat agreed to review their evaluations and would notify CCPR56 if the MRL recommendations should be revised. CCPR agreed to retain the proposed MRLs for table olives and olives used for oil production at Step 4, while awaiting JMPR's clarification (55:184-187) (See also olives for oil production).
DT 1114	Tea, green, black (black, fermented and dried)	50			CXL	2023	55		2024	
TN 0085	Tree nuts (group)	0.04			CXL	2015	48		2016	
AM 0506	Turnip fodder	0.02			CXL	2013	46		2014	

264 Fenamidone

Main Uses: Fungicide

JMPR:

ADI: 0–0.03 mg/kg bw (2013)

Acute RfD: 1 mg/kg bw ((2013))

Residue: For compliance with the MRL for plant and animal commodities: Fenamidone. For estimation of dietary intake for plant commodities: Sum of fenamidone, (S)-5-methyl-5-phenyl-3-(phenylamino)- 2,4-imidazolidine-dione (RPA 410193), plus 10 x the sum of both (S)-5-methyl-5-phenyl-2,4-imidazolidine-dione (RPA 412636) and (5S)-5-methyl-2-(methylthio)-5-phenyl-3,5-dihydro- 4H-imidazol-4-one (RPA 412708), all calculated as fenamidone.

Residue concentration Ctotal = Cfenamidone + C RPA 410193 + 10 × (CRPA 412636 + CRPA 412708).

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). The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.8			CXL	2014	47		2015	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	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, Chinese and cauliflower)	4			CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2014	47		2015	
VO 0050	Fruiting vegetables, other than cucurbits (group)	1.5		Except chilli pepper, fungi, and sweet corn.	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
VA 0385	Onion, bulb	0.15			CXL	2014	47		2015	
VA 0387	Onion, Welsh	3			CXL	2014	47		2015	
VO 0444	Peppers chili	4			CXL	2014	47		2015	
HS 0444	Peppers chili, dried	30			CXL	2014	47		2015	
VR 0589	Potato	0.02 (*)			CXL	2014	47		2015	
PF 0111	Poultry fats	0.01 (*)			CXL	2014	47		2015	
PM 0110	Poultry meat	0.01 (*) (fat)			CXL	2014	47		2015	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2014	47		2015	
VA 0388	Shallot	0.15			CXL	2014	47		2015	
VA 0389	Spring onion	3			CXL	2014	47		2015	
FB 0275	Strawberry	0.04			CXL	2014	47		2015	
SO 0702	Sunflower seed	0.02 (*)			CXL	2014	47		2015	
CP 0448	Tomato ketchup	3			CXL	2014	47		2015	Tentative code
VW 0448	Tomato paste	4			CXL	2014	47		2015	
VL 2832	Witloof chicory (sprouts)	0.01 (*)			CXL	2014	47		2015	

265 Fluensulfone

Main Uses: Nematocide

JMPR:

ADI: 0–0.01 mg/kg bw (2013)

Acute RfD: 0.3 mg/kg bw ((2013))

Residue: For compliance with MRLs for plant commodities: Sum of fluensulfone and 3,4,4-trifluorobut-3-ene-1-sulfonic acid (BSA), expressed as fluensulfone equivalents. For estimation of dietary exposure) for plant commodities: Fluensulfone. For compliance with MRLs and for estimation of dietary exposure) for animal commodities: Fluensulfone. Residue is fat-soluble.

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	7 (dw)			CXL	2019	52		2021	
JF 0226	Apple juice	0.4			CXL	2019, 2021	52, 53		2022	
DF 0226	Apples, dried	1			CXL	2019, 2021	52, 53		2022	
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	0.08			CXL	2019	52		2021	
VR 0574	Beetroot	4			CXL	2016	49		2017	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	1.5			CXL	2016	49		2017	
VR 0577	Carrot	4			CXL	2016	49		2017	
VR 0578	Celeriac	4			CXL	2016	49		2017	
VS 0624	Celery	2			CXL	2016	49		2017	
VR 0579	Chervil, turnip-rooted	4			CXL	2016	49		2017	
FC 0001	Citrus fruits (group)	0.2			CXL	2019	52		2021	
OR 0001	Citrus oil, edible	1.5			CXL	2019	52		2021	
AB 0001	Citrus pulp, dried	1.5			CXL	2019	52		2021	
SB 0716	Coffee beans	0.05			CXL	2019	52		2021	
VC 0424	Cucumber	0.7			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.7		Except sweetcorn and mushroom.	CXL	2016	49		2017	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2019	52		2021	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	15		Except maize fodder and rice straw and fodder, dry.	CXL	2019	52		2021	
VR 0583	Horseradish	4			CXL	2016	49		2017	
VL 0481	Komatsuna	9			CXL	2016	49		2017	
VL 0053	Leafy vegetables (group)	1		Not specified elsewhere (R)	CXL	2016	49		2017	
VP 0060	Legume vegetables (group)	0.1		(R)	CXL	2016	49		2017	
VL 0482	Lettuce, head	0.8			CXL	2016	49		2017	
FB 2009	Low growing berries (subgroup)	0.5			CXL	2016	49		2017	
GC 2091	Maize cereals (subgroup)	0.15			CXL	2019	52		2021	
AS 0645	Maize fodder (dry)	0.6	(dw)		CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*) (fat)		CXL	2016	49		2017	
VC 0046	Melons (except watermelon)	0.3			CXL	2016	49		2017	
ML 0106	Milks	0.01	(*)		CXL	2016	49		2017	
VL 0485	Mustard greens	20			CXL	2016	49		2017	
VR 0588	Parsnip	4			CXL	2016	49		2017	
HS 0444	Peppers chili, dried	7			CXL	2016	49		2017	
FP 0009	Pome fruits (group)	0.3		Except Japanese persimmon.	CXL	2021	53		2022	
VR 0589	Potato	0.8			CXL	2016	49		2017	
DV 0589	Potato, flakes/granules	2		Potato, dried.	CXL	2016	49		2017	
PF 0111	Poultry fats	0.01			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01	(*)		CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2016	49		2017	
DF 0014	Prunes	0.3			CXL	2019	52		2021	
VR 0494	Radish	4			CXL	2016	49		2017	
VL 0494	Radish leaves (including radish tops)	50			CXL	2016	49		2017	
VR 0591	Radish, Japanese	4			CXL	2016	49		2017	
GC 2088	Rice cereals (subgroup)	0.04			CXL	2019	52		2021	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0649	Rice, hay and/or straw	0.06 (dw)			CXL	2019	52		2021	
VR 0075	Root and tuber vegetables (group)	3		Not specified elsewhere (R)	CXL	2016	49		2017	
FB 2008	Small fruit vine climbing (subgroup)	0.7			CXL	2019	52		2021	
GC 2089	Sorghum grain and millet (subgroup)	0.04			CXL	2019	52		2021	
VL 0502	Spinach	4			CXL	2016	49		2017	
VC 0431	Squash, summer	0.7			CXL	2016	49		2017	
FS 0012	Stone fruits (group)	0.09			CXL	2019	52		2021	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	6 (dw)		Except maize fodder and rice straw and fodder dry.	CXL	2019	52		2021	
GS 0659	Sugar cane	0.06			CXL	2019	52		2021	
DM 0659	Sugar cane molasses	0.5			CXL	2019	52		2021	
VR 0497	Swede	4			CXL	2016	49		2017	
GC 2090	Sweet corns (subgroup)	0.15			CXL	2019	52		2021	
VR 0508	Sweet potato	0.8			CXL	2016	49		2017	
VW 0448	Tomato paste	1.5			CXL	2016	49		2017	
DV 0448	Tomato, dried	1.5			CXL	2016	49		2017	
TN 0085	Tree nuts (group)	0.025 (*)			CXL	2019	52		2021	
VL 0506	Turnip greens	10			CXL	2016	49		2017	
VR 0506	Turnip, Garden	4			CXL	2016	49		2017	
VC 0432	Watermelon	0.3			CXL	2016	49		2017	
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.08			CXL	2019	52		2021	

266 Imazapic

Main Uses: Herbicide

JMPR:

ADI: 0–0.7 mg/kg bw (2013)

Acute RfD: Unnecessary ((2013))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	1			CXL	2013	46		2014	
PE 0112	Eggs	0.01 (*)			CXL	2013	46		2014	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	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, hay and/or straw	0.05 (*)			CXL	2013	46		2014	

267 Imazapyr

Main Uses: Herbicide

JMPR:

ADI: 0–3 mg/kg bw (2013)

Acute RfD: Unnecessary ((2013))

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

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.7			CXL	2017	50		2018	
AS 0640	Barley, hay and/or straw	0.05	(dw)		CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.2			CXL	2015	48		2016	
PE 0112	Eggs	0.01	(*)		CXL	2013	46		2014	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	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	
GC 0649	Rice	0.06			CXL	2023	55		2024	
CM 1206	Rice bran, unprocessed	0.2			CXL	2023	55		2024	
AS 0649	Rice, hay and/or straw	0.015			CXL	2023	55		2024	
CM 0649	Rice, husked	0.07			CXL	2023	55		2024	
CM 1205	Rice, polished	0.05			CXL	2023	55		2024	
VD 0541	Soya bean (dry)	5			CXL	2015	48		2016	
SO 0702	Sunflower seed	0.08			CXL	2013	46		2014	
GC 0654	Wheat	0.6			CXL	2023	55		2024	
CM 0654	Wheat bran, unprocessed	1			CXL	2023	55		2024	
CF 1210	Wheat germ	1			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	1 (dw)			CXL	2023	55		2024	

268 Isoxaflutole

Main Uses: Herbicide

JMPR:

ADI: 0–0.02 mg/kg bw 2013

Acute RfD: Unnecessary (2013)

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

For compliance with the MRL for animal commodities: Sum of isoxaflutole and isoxaflutole diketonitrile, expressed as isoxaflutole.

For dietary risk assessment for animal commodities: Sum of isoxaflutole, isoxaflutole diketonitrile, RPA 205834 (2-aminomethylene-1-cyclopropyl-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione) and RPA 207048 (1-cyclopropyl-2-hydroxymethylene-3-(2-mesyl-4-trifluoromethylphenyl)-propane-1,3-dione), including their conjugates, expressed as isoxaflutole.

The residue not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VD 0524	Chick-pea (dry)	0.01 (*)			CXL	2013	46		2014	
AL 0524	Chick-pea fodder	0.01 (*)			CXL	2013	46		2014	
MO 0105	Edible offal (mammalian)	0.1			CXL	2013	46		2014	
PE 0112	Eggs	0.01 (*)			CXL	2013	46		2014	
GC 0645	Maize	0.02 (*)			CXL	2013	46		2014	
AS 0645	Maize fodder (dry)	0.02 (*)			CXL	2013	46		2014	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2013	46		2014	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2013	46		2014	
ML 0106	Milks	0.01 (*)			CXL	2013	46		2014	
SO 0698	Poppy seed	0.02 (*)			CXL	2013			2014	
PF 0111	Poultry fats	0.01 (*)			CXL	2013	46		2014	
PM 0110	Poultry meat	0.01 (*)			CXL	2013			2014	
PO 0111	Poultry, edible offal of	0.2			CXL	2013	46		2014	
VD 0541	Soya bean (dry)	0.04			CXL	2021	53		2022	
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:

ADI: 0–0.006 mg/kg bw (2013)

Acute RfD: 0.01 mg/kg bw ((2013))

Residue: For compliance with the MRL and estimation of dietary intake for plant commodities: Tolfenpyrad. For compliance with the MRL and estimation of dietary intake) for animal commodities: Sum of tolfe npyrad, and free and conjugated PT-CA (4-[4-[(4-chloro-3-ethyl-1-methylpyrazol-5-yl)carbonylaminomethyl]phenoxy]benzoic acid and OH-PT-CA (4-[4-[[4-chloro-3(1-hydroxyethyl) -1-methylpyrazol-5-yl]carbonylaminomethyl]phenoxy] benzoic acid) (released with alkaline hydrolysis) expressed as tolfe npyrad. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VA 2031	Bulb onions (subgroup)	0.09			CXL	2019	52		2021	
OR 0001	Citrus oil, edible	80			CXL	2019	52		2021	
AB 0001	Citrus pulp, dried	6			CXL	2019	52		2021	
MO 0105	Edible offal (mammalian)	0.4			CXL	2019	52		2021	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
FC 0002	Lemons and limes (including citron) (subgroup)	0.9			CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.9			CXL	2019	52		2021	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2019	52		2021	
ML 0106	Milks	0.01 (*)			CXL	2019	52		2021	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.6			CXL	2019	52		2021	
TN 0672	Pecan	0.01 (*)			CXL	2016	49		2017	
VO 0051	Peppers (subgroup)	0.5		MRL provisionally applies to okra, martynia, and roselle.	CXL	2019	52		2021	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	5			CXL	2019	52		2021	
VR 0589	Potato	0.01 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.6			CXL	2019	52		2021	
DT 1116	Tea, green	30			CXL	2013	46		2014	

270 Triflumizole

Main Uses: Fungicide

JMPR:

ADI: 0–0.04 mg/kg bw (2013)

Acute RfD: 0.3 mg/kg bw ((2013))

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Residues analyzed as 4-chloro-2-(trifluoromethyl)aniline and expressed as parent triflumizole. The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FS 0013	Cherries (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:

ADI: 0–0.3 mg/kg bw (2013)

Acute RfD: Unnecessary ((2013))

Residue: For compliance with the MRL for plant and animal commodities and for estimation of dietary intake for animal commodities: Trinexapac (acid). For estimation of dietary intake for plant commodities: Trinexapac and its conjugates, expressed as trinexapac acid. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	3			CXL	2013	46		2014	
CF 0640	Barley bran, processed	4			CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	0.9	(dw)		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	(dw)		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	
GC 0649	Rice	0.5			CXL	2021	53		2022	
CM 1206	Rice bran, unprocessed	3			CXL	2021	53		2022	
AS 0649	Rice, hay and/or straw	0.08	(dw)		CXL	2021	53		2022	
CM 1205	Rice, polished	0.7			CXL	2021	53		2022	
GC 0650	Rye	3			CXL	2021	53		2022	
AS 3560	Rye, hay and/or straw	0.9	(dw)		CXL	2021	53		2022	
GS 0659	Sugar cane	0.5			CXL	2013	46		2014	
GC 0653	Triticale	3			CXL	2013	46		2014	
AS 0653	Triticale, hay and/or straw	0.9	(dw)		CXL	2013	46		2014	
GC 0654	Wheat	3			CXL	2013	46		2014	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
CM 0654	Wheat bran, unprocessed	5			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	0.9 (dw)			CXL	2013	46		2014	

272 Aminocyclopyrachlor

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2014))

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

The residue is not fat soluble.

Commodity		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 and/or straw of grasses for animal feed (subgroup)	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:

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

Acute RfD: Unnecessary ((2014))

Residue: For compliance with the MRL for plant commodities: Cyflumetofen. For estimation of dietary intake) for plant commodities: Sum of cyflumetofen and 2-trifluoromethylbenzoic acid, expressed as cyflumetofen. For compliance with the MRL and estimation of dietary intake for animal commodities: Sum of cyflumetofen and 2-trifluoromethylbenzoic acid, expressed as cyflumetofen. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	4			CXL	2014	47		2015	
FS 0013	Cherries (subgroup)	0.4			CXL	2023	55		2024	
FC 0001	Citrus fruits (group)	0.3			CXL	2014	47		2015	
OR 0001	Citrus oil, edible	36			CXL	2014	47		2015	
SB 0716	Coffee beans	0.08			CXL	2023	55		2024	
VC 0424	Cucumber	0.5			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.02			CXL	2014	47		2015	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	1.5			CXL	2014	47		2015	
FB 0269	Grapes	0.6			CXL	2014	47		2015	
MU 1100	Hops, dried	15			CXL	2023	55		2025	
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	
DF 0245	Nectarine, dried	2			CXL	2023	55		2024	
DF 0247	Peach, dried	2			CXL	2023	55		2024	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.3			CXL	2023	55		2024	
FP 0009	Pome fruits (group)	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 (group)	0.01 (*)			CXL	2014	47		2015	

274 Dichlobenil

Main Uses: Herbicide

JMPR:

ADI: 0-0.01 mg/kg bw 2014

Acute RfD: 0.5 mg/kg bw (2014)

Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: 2,6-dichlorobenzamide. The residue is not fat soluble.

Note: BAM = 2,6-dichlorobenzamide = fluopicolide. ADI: 0-0.05 mg/kg bw(2014); ARfD: 0.3 mg/kg bw(2014). Based on a re-evaluation of the data, JMPR (2014) withdrew the ADI and ARfD established in 2009 as part of the evaluation of fluopicolide. ARfDs for Dichlobenil and BAM apply to women of childbearing age only.

FL = indicates values estimated to accommodate residues of 2,6-dichlorobenzamide arising from fluopicolide use.

D = indicates values estimated to accommodate residues of 2,6-dichlorobenzamide arising from dichlobenil use.

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.05	FL		CXL	2014	47		2015	
FB 2005	Cane berries (subgroup)	0.2	D		CXL	2014	47		2015	
VS 0624	Celery	0.07	FL		CXL	2014	47		2015	
GC 0080	Cereal grains (group)	0.01 (*)	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	
VC 0045	Fruiting vegetables, cucurbits (group)	0.01 (*)	FL		CXL	2014	47		2015	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.01 (*)	FL	Except sweetcorn and mushrooms.	CXL	2014	47		2015	
JF 0269	Grape juice	0.07	FL		CXL	2014	47		2015	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	0.15	FL		CXL	2014	47		2015	
FB 0269	Grapes	0.05	FL		CXL	2014	47		2015	
VL 0053	Leafy vegetables (group)	0.3	FL		CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)	FL		CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)	FL		CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)	FL		CXL	2014	47		2015	
VA 0385	Onion, bulb	0.01 (*)	FL		CXL	2014	47		2015	
VA 0387	Onion, Welsh	0.02	FL		CXL	2014	47		2015	
HS 0444	Peppers chili, dried	0.01 (*)	FL		CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF 0111	Poultry fats	0.02	FL		CXL	2014	47		2015	
PM 0110	Poultry meat	0.03	FL		CXL	2014	47		2015	
PO 0111	Poultry, edible offal of	0.1	FL		CXL	2014	47		2015	
VD 0070	Pulses (group)	0.01 (*)	FL		CXL	2014	47		2015	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.4	FL		CXL	2014	47		2015	

275 Flufenoxuron

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2014))

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

The residue is fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2014	47		2015	
MF 0100	Mammalian fats (except milk fats)	0.05 (*)			CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)			CXL	2014	47		2015	
ML 0106	Milks	0.01 (*)			CXL	2014	47		2015	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	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:

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

Acute RfD: 3 mg/kg bw ((2014))

Residue: For compliance with the MRL for plant and animal commodities: Imazamox. For estimation of dietary exposure for plant and animal commodities: Sum of imazamox and 5-(hydroxymethyl)-2-(4-isopropyl-4-methyl-5-oxo-2-imazazolin-2-yl) nicotinic acid (CL 263284), expressed as imazamox. The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	0.1 (*)			CXL	2014	47		2015	
GC 0640	Barley	0.02			CXL	2017	50		2018	
AS 0640	Barley, hay and/or straw	0.05 (dw)			CXL	2017	50		2018	
VD 0071	Bean (dry)	0.05 (*)			CXL	2014	47		2015	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	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 and/or straw	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, hay and/or straw	0.01 (*)			CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2014	47		2015	
AL 0541	Soya bean, hay and/or straw	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, hay and/or straw	0.05 (*)			CXL	2014	47		2015	

277 Mesotrione

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2014))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.04 (dw)			CXL	2019	52		2021	
VS 0621	Asparagus	0.01 (*)			CXL	2014	47		2015	
FB 2006	Bush berries (subgroup)	0.01 (*)			CXL	2014	47		2015	
FB 2005	Cane berries (subgroup)	0.01 (*)			CXL	2014	47		2015	
FC 0001	Citrus fruits (group)	0.01 (*)			CXL	2019	52		2021	
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	0.01 (*)			CXL	2014	47		2015	
GC 0647	Oats	0.01 (*)			CXL	2014	47		2015	
VO 0442	Okra	0.01 (*)			CXL	2014	47		2015	
FP 0009	Pome fruits (group)	0.01 (*)			CXL	2019	52		2021	
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 grain	0.01 (*)			CXL	2014	47		2015	
VD 0541	Soya bean (dry)	0.03			CXL	2014	47		2015	
FS 0012	Stone fruits (group)	0.01 (*)			CXL	2019	52		2021	
GS 0659	Sugar cane	0.01			CXL	2014	47		2015	
VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)			CXL	2014	47		2015	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2019	52		2021	

278 Metrafenone

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2014))

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.5			CXL	2014	47		2015	
AS 0640	Barley, hay and/or straw	6	(dw)		CXL	2014	47		2015	
FS 0013	Cherries (subgroup)	2			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01			CXL	2014	47		2015	
VO 0440	Eggplant	0.6			CXL	2016	49		2017	
PE 0112	Eggs	0.01	(*)		CXL	2014	47		2015	
VC 0045	Fruiting vegetables, cucurbits (group)	0.5			CXL	2016	49		2017	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	20			CXL	2014	47		2015	
FB 0269	Grapes	5			CXL	2014	47		2015	
DH 1100	Hops, dry	70			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2014	47		2015	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2014	47		2015	
ML 0106	Milks	0.01	(*)		CXL	2014	47		2015	
VO 0450	Mushrooms	0.5			CXL	2014	47		2015	
AS 0647	Oat straw and fodder, dry	6	(dw)		CXL	2014	47		2015	
GC 0647	Oats	0.5			CXL	2014	47		2015	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.7			CXL	2016	49		2017	
VO 0444	Peppers chili	2			CXL	2016	49		2017	
HS 0444	Peppers chili, dried	20			CXL	2016	49		2017	
VO 0445	Peppers, sweet (including pimento or pimienta)	2			CXL	2016	49		2017	
FP 0009	Pome fruits (group)	1			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01	(*)		CXL	2014	47		2015	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.01 (*)			CXL	2014	47		2015	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2014	47		2015	
GC 0650	Rye	0.06			CXL	2014	47		2015	
AS 0650	Rye straw and fodder, dry	10 (dw)			CXL	2014	47		2015	
FB 0275	Strawberry	0.6			CXL	2014	47		2015	
VO 0448	Tomato	0.6			CXL	2016	49		2017	
GC 0653	Triticale	0.06			CXL	2014	47		2015	
AS 0653	Triticale, hay and/or straw	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	
CF 1212	Wheat wholemeal	0.08			CXL	2014	47		2015	
AS 0654	Wheat, hay and/or straw	10 (dw)			CXL	2014	47		2015	

279 Pymetrozine

Main Uses: Insecticide

JMPR:

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

Acute RfD: 0.1 mg/kg bw ((2014))

Residue: For compliance with MRL for plant commodities, mammalian tissues, poultry tissues and eggs: Pymetrozine. For compliance with MRL for milks: CGA313124 (4,5-dihydro-6-hydroxymethyl-4-[(3-pyridinyl-methylene)amino]-1,2,4-triazine-3(2H)-one). For the estimation of dietary intake for plant and animal commodities:

A conclusion could not be reached. The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT	4095 Acerola				CXL					

280 Acetochlor

Main Uses: Herbicide

JMPR:

ADI: 0–0.01 mg/kg bw (2015)

Acute RfD: 1 mg/kg bw ((2015))

Residue: For compliance with MRL and for estimation of dietary intake for animal and plant commodities: Sum of compounds hydrolysable with base to 2-ethyl-6-methylaniline (EMA) and 2-(1-hydroxyethyl)-6-methylaniline (HEMA), expressed in terms of acetochlor. The residue is not fat soluble.

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL	3350	Alfalfa hay	30	(dw)		CXL	2019	52		2021	
GC	0640	Barley	0.04	(*)		CXL	2015	48		2016	
AS	0640	Barley, hay and/or straw	0.3			CXL	2015	48		2016	
VP	0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	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)	0.05			CXL	2019	52		2021	
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	(dw)	Except alfalfa hay.	CXL	2019	52		2021	
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	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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	
VD 0541	Soya bean (dry)	1.5			CXL	2019	52		2021	
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	
AM 3599	Sugar beet, dried pulp	0.3			CXL	2015	48		2016	
SO 0702	Sunflower seed	0.04 (*)			CXL	2015	48		2016	
VO 0447	Sweet corn (corn-on-the-cob)	0.04			CXL	2015	48		2016	
AS 0447	Sweet corn fodder	1.5			CXL	2015	48		2016	
GC 0657	Teosinte	0.04 (*)			CXL	2015	48		2016	
AS 0657	Teosinte fodder	0.3			CXL	2015	48		2016	
GC 0653	Triticale	0.04 (*)			CXL	2015	48		2016	
GC 0654	Wheat	0.02 (*)			CXL	2015	48		2016	
AS 0654	Wheat, hay and/or straw	0.2			CXL	2015	48		2016	
GC 0655	Wild rice	0.04 (*)			CXL	2015	48		2016	

281 Cyazofamid

Main Uses: Fungicide

JMPR:

ADI: 0–0.2 mg/kg bw (2015)

Acute RfD: Unnecessary ((2015))

Residue: For compliance with the MRLs for plant commodities: Cyazofamid. For estimating long-term dietary intake from plant commodities: Cyazofamid plus CCIM, expressed as cyazofamid. For estimating short-term dietary intake from plant commodities (to be compared to the ARfD for CCIM; an ARfD was determined to be unnecessary for cyazofamid): CCIM. For compliance with the MRLs and for dietary intake for animal commodities: Not defined.

Note: CCIM metabolite

ADI: 0–0.2 mg/kg bw

ARfD: 0.2 mg/kg bw

Cyazofamid + CCIM (long-term only). CCIM (short-term only).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.4			CXL	2015	48		2016	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.07			CXL	2015	48		2016	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	1.5			CXL	2015	48		2016	
VA 2031	Bulb onions (subgroup)	1.5			CXL	2018	51		2019	
VO 0440	Eggplant	0.2			CXL	2015	48		2016	
VC 0045	Fruiting vegetables, cucurbits (group)	0.09			CXL	2015	48		2016	
FB 0269	Grapes	1.5			CXL	2015	48		2016	
VA 2032	Green onions (subgroup)	6			CXL	2018	51		2019	
DH 1100	Hops, dry	15			CXL	2015	48		2016	
VL 0053	Leafy vegetables (group)	10		Except brassica leafy vegetables.	CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae (subgroup)	15			CXL	2015	48		2016	
VO 0444	Peppers chili	0.8			CXL	2015	48		2016	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.4			CXL	2015	48		2016	
VR 0589	Potato	0.01	(*)		CXL	2015	48		2016	
VO 0448	Tomato	0.2			CXL	2015	48		2016	

282 Flonicamid

Main Uses: Insecticide

JMPR:

ADI: 0–0.07 mg/kg bw (2015)

Acute RfD: Unnecessary ((2015))

Residue: For compliance with MRLs and estimation for estimation of dietary exposure for plant commodities: Flonicamid

For compliance with MRLs and estimation of dietary exposure) for animal commodities: Flonicamid and the metabolite TFNA-AM, expressed as flonicamid.

The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	9			CXL	2015, 2016	48,49		2017	
TN 0660	Almonds	0.01 (*)			CXL	2015, 2016	48,49		2017	
VP 2060	Beans with pods (subgroup)	0.7		Except soya bean (succulent seeds in pods).	CXL	2017	50		2018	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	2			CXL	2015, 2016	48,49		2017	
VS 0624	Celery	1.5			CXL	2015	48		2016	
FS 0013	Cherries (subgroup)	0.9			CXL	2015	48		2016	
AB 0001	Citrus pulp, dried	3 (dw)			CXL	2019	52		2021	
SO 0691	Cotton seed	0.6			CXL	2015	48		2016	
VD 2065	Dry beans (subgroup)	0.15		Except soya bean (dry).	CXL	2017	50		2018	
VD 2066	Dry peas				(subgroup)		1		CXL	2017 50 2018
MO 0105	Edible offal (mammalian)	0.2			CXL	2016	49		2017	
PE 0112	Eggs	0.15			CXL	2016	49		2017	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2015	48		2016	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.4		Except mushrooms and sweet corn.	CXL	2015	48		2016	
DH 1100	Hops, dry	20			CXL	2015	48		2016	
VL 0054	Leaves of Brassicaceae (subgroup)	15			CXL	2015, 2016	48,49		2017	
FC 0002	Lemons and limes (including citron) (subgroup)	1.5			CXL	2019	52		2021	
VL 0482	Lettuce, head	1.5			CXL	2015	48		2016	

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL	0483	Lettuce, leaf	8			CXL	2015	48		2016	
FB	2009	Low growing berries (subgroup)	1.5			CXL	2015	48		2016	
MF	0100	Mammalian fats (except milk fats)	0.05			CXL	2016	49		2017	
MM	0095	Meat (from mammals other than marine mammals)	0.15			CXL	2016	49		2017	
ML	0106	Milks	0.15			CXL	2016	49		2017	
HH	0738	Mints	6			CXL	2015	48		2016	
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4			CXL	2019	52		2021	
FS	2001	Peaches (including apricots and nectarine) (subgroup)	0.7			CXL	2015	48		2016	
VP	2061	Peas with pods (subgroup)	0.8			CXL	2017	50		2018	
TN	0672	Pecan	0.01		(*)	CXL	2015	48		2016	
FS	0014	Plums (including fresh prunes) (subgroup)	0.1			CXL	2015	48		2016	
FP	0009	Pome fruits (group)	0.8			CXL	2015	48		2017	
VR	0589	Potato	0.015			CXL	2015	48		2017	
PF	0111	Poultry fats	0.05			CXL	2016	49		2017	
PM	0110	Poultry meat	0.1			CXL	2016	49		2017	
PO	0111	Poultry, edible offal of	0.1			CXL	2016	49		2017	
FC	0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.3			CXL	2019	52		2021	
VR	0494	Radish	0.4			CXL	2015	48		2016	
VL	0494	Radish leaves (including radish tops)	20			CXL	2015	48		2016	
SO	0495	Rape seed	0.5			CXL	2015	48		2017	
VL	0502	Spinach	20			CXL	2015	48		2016	
VP	2062	Succulent beans without pods (subgroup)	0.3		Except soya bean (succulent seeds).	CXL	2017	50		2018	
VP	2063	Succulent peas without pods (subgroup)	0.4			CXL	2017	50		2018	
VW	0448	Tomato paste	7			CXL	2015	48		2016	

Commodity			MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name										
GC 0654	Wheat		0.08			CXL	2015	48		2017	
AS 0654	Wheat, hay and/or straw		0.3			CXL	2015, 2016	48,49		2017	

283 Fluazifop-p-butyl

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.4 mg/kg bw ((2016))

Residue: For compliance with MRLs for plant commodities: Total fluazifop, defined as the sum of fluazifop-P-butyl, fluazifop-P-acid (II) and their conjugates, expressed as fluazifop-P-acid. For dietary risk assessment for plant commodities: Sum of fluazifop-P-butyl, fluazifop-P-acid (II), 2-[4-(3-hydroxy-5-trifluoromethyl-2-phenoxy)pyridyloxy] propionic acid (XL), 5-trifluoromethyl-2-pyridone (X) and their conjugates, expressed as fluazifop-P-acid. For compliance with MRLs and for dietary risk assessment for animal commodities: Total fluazifop, defined as the sum of fluazifop-P-butyl, fluazifop-P-acid (II) and their conjugates, expressed as fluazifop-P-acid. The residue is fat soluble.

Note: The information provided to JMPR (2016) precludes an estimate that the dietary exposure would be below the ADI.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
TN 0660	Almonds	0.01 (*)			CXL	2016	49		2017	
FI 0327	Banana	0.01 (*)			CXL	2016	49		2017	
VD 0071	Bean (dry)	40			CXL	2016	49		2017	
AL 0061	Bean, hay and/or straw	7 (dw)			CXL	2016	49		2017	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	6			CXL	2016	49		2017	
FB 2006	Bush berries (subgroup)	0.3			CXL	2019	52		2021	
VB 0041	Cabbages, head	3			CXL	2016	49		2017	
FB 2005	Cane berries (subgroup)	0.08			CXL	2019	52		2021	
VR 0577	Carrot	0.6			CXL	2016	49		2017	
VR 0578	Celeriac	0.4			CXL	2016	49		2017	
FC 0001	Citrus fruits (group)	0.01 (*)			CXL	2016	49		2017	
AB 0001	Citrus pulp, dried	0.06 (*)			CXL	2016	49		2017	
SB 0716	Coffee beans	0.01 (*)			CXL	2016	49		2017	
SO 0691	Cotton seed	0.7			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.2			CXL	2016	49		2017	
VO 0440	Eggplant	0.4			CXL	2016	49		2017	
PE 0112	Eggs	0.03			CXL	2016	49		2017	
FB 0267	Elderberries	0.3			CXL	2019	52		2021	
VD 0561	Field pea (dry)	3			CXL	2016	49		2017	
AM 1051	Fodder beet, roots	0.5			CXL	2016	49		2017	
VA 0381	Garlic	0.3			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB	0269	Grapes	0.01	(*)	CXL	2016	49		2017	
FB	2254	Guelder rose	0.3		CXL	2019	52		2021	
VL	0483	Lettuce, leaf	0.01	(*)	CXL	2016	49		2017	
GC	0669	Macadamia nuts	0.01	(*)	CXL	2016	49		2017	
MF	0100	Mammalian fats (except milk fats)	0.09		CXL	2016	49		2017	
MM	0095	Meat (from mammals other than marine mammals)	0.09	(fat)	CXL	2016	49		2017	
ML	0106	Milks	0.2		CXL	2016	49		2017	
SO	0305	Olives for oil production	0.01	(*)	CXL	2016	49		2017	
VA	0385	Onion, bulb	0.3		CXL	2016	49		2017	
OR	0004	Orange oil, edible	0.05	(*)	CXL	2016	49		2017	
VP	0063	Peas (pods and succulent=immature seeds)	2		CXL	2016	49		2017	
VP	0064	Peas, shelled (succulent seeds)	15		CXL	2016	49		2017	
TN	0672	Pecan	0.01	(*)	CXL	2016	49		2017	
FP	0009	Pome fruits (group)	0.01	(*)	CXL	2016	49		2017	
VR	0589	Potato	0.6		CXL	2016	49		2017	
PF	0111	Poultry fats	0.03		CXL	2016	49		2017	
PM	0110	Poultry meat	0.03		CXL	2016	49		2017	
PO	0111	Poultry, edible offal of	0.09		CXL	2016	49		2017	
VA	0388	Shallot	0.3		CXL	2016	49		2017	
VD	0541	Soya bean (dry)	15		CXL	2016	49		2017	
AL	0541	Soya bean, hay and/or straw	4	(dw)	CXL	2016	49		2017	
FS	0012	Stone fruits (group)	0.01	(*)	CXL	2016	49		2017	
FB	0275	Strawberry	3		CXL	2019	52		2021	
VR	0596	Sugar beet	0.5		CXL	2016	49		2017	
DM	0596	Sugar beet molasses	7		CXL	2016	49		2017	
AM	3599	Sugar beet, dried pulp	20		CXL	2016	49		2017	
GS	0659	Sugar cane	0.01	(*)	CXL	2016	49		2017	
SO	0702	Sunflower seed	7		CXL	2016	49		2017	
VR	0497	Swede	4		CXL	2016	49		2017	
FT	0305	Table olives	0.01	(*)	CXL	2016	49		2017	
VO	0448	Tomato	0.4		CXL	2016	49		2017	

Commodity			MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name											
VR 0506	Turnip, Garden		4				CXL	2016	49		2017	
TN 0678	Walnuts		0.01	(*)			CXL	2016	49		2017	

284 Flumioxazin

Main Uses: Herbicide

JMPR:

ADI: 0–0.02 mg/kg bw (2015)

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

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

The residue is not fat soluble.

Note: ARfD: Unnecessary (for the general population)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 1020	Alfalfa, hay and/or straw	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	Bean (dry)	0.07			CXL	2015	48		2016	
FB 2006	Bush berries (subgroup)	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	
VC 0045	Fruiting vegetables, cucurbits (group)	0.02 (*)			CXL	2015	48		2016	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.02 (*)		Except sweet corn and mushrooms.	CXL	2015	48		2016	
FB 0269	Grapes	0.02 (*)			CXL	2015	48		2016	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	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	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
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 (group)	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 (group)	0.02 (*)			CXL	2015	48		2016	
SO 0702	Sunflower seed	0.5			CXL	2015	48		2016	
VR 0508	Sweet potato	0.02 (*)			CXL	2015	48		2016	
FT 0305	Table olives	0.02 (*)			CXL	2015	48		2016	
TN 0085	Tree nuts (group)	0.02 (*)			CXL	2015	48		2016	
GC 0654	Wheat	0.4			CXL	2015	48		2016	
AS 0654	Wheat, hay and/or straw	7 (dw)			CXL	2015	48		2016	

285 Flupyradifurone

Main Uses: Insecticide

JMPR:

ADI: 0–0.08 mg/kg bw (2015)

Acute RfD: 0.2 mg/kg bw ((2015))

Residue: For compliance with the MRL for plant commodities: Flupyradifurone. For estimation of dietary exposure for plant commodities: Sum of flupyradifurone, difluoroacetic acid and 6-chloronicotinic acid, expressed as parent equivalents. For compliance with the MRL and for estimation of dietary exposure) for animal commodities: Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents. The residue is not fat-soluble.

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL	3350	Alfalfa hay	30			CXL	2016	49		2017	
DF	0226	Apples, dried	2			CXL	2016	49		2017	
FI	0326	Avocado	0.6			CXL	2019	52		2021	
VD	0071	Bean (dry)	0.4			CXL	2016	49		2017	
AL	3351	Bean hay	30			CXL	2016	49		2017	
VP	0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	1.5		Green pods and immature seeds.	CXL	2016	49		2017	
VP	0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.2		Succulent = immature seeds	CXL	2016	49		2017	
VA	0036	Bulb vegetables, except fennel, bulb	0.01		(*)	CXL	2016	49		2017	
FB	2006	Bush berries (subgroup)	4			CXL	2016	49		2017	
VB	0041	Cabbages, head	1.5			CXL	2016	49		2017	
SB	0715	Cacao beans	0.01		(*)	CXL	2019	52		2021	
FB	2005	Cane berries (subgroup)	6			CXL	2019	52		2021	
VB	0404	Cauliflower	6			CXL	2016	49		2017	
GC	0080	Cereal grains (group)	3		Except maize and rice.	CXL	2016	49		2017	
FS	0013	Cherries (subgroup)	2			CXL	2017	50		2018	
SB	0716	Coffee beans	0.9			CXL	2019	52		2021	
SO	0691	Cotton seed	0.8			CXL	2016	49		2017	
VC	0424	Cucumber	0.4			CXL	2016	49		2017	
MO	0105	Edible offal (mammalian)	4			CXL	2016	49		2017	
PE	0112	Eggs	0.7			CXL	2016	49		2017	

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	8			CXL	2016	49		2017	
FB	0269	Grapes	3			CXL	2016	49		2017	
PF	0111	Group of avian fats	0.3			3	2024	56			
PM	0110	Group of avian muscle	0.8			3	2024	56			
PO	0111	Group of avian, edible offal of	1			3	2024	56			
MO	0105	Group of edible offal (mammalian)	4			3	2024	56			
PE	0112	Group of eggs	0.7			3	2024	56			
MF	0100	Group of mammalian fats (except milk fats)	1			3	2024	56			
ML	0106	Group of milks	0.7			3	2024	56			
MM	0095	Group of muscle (from mammals other than marine mammals)	1.5			3	2024	56			
DH	1100	Hops, dry	10			CXL	2019	52		2021	
FC	0002	Lemons and limes (including citron) (subgroup)	1.5			CXL	2016	49		2017	
VL	0482	Lettuce, head	4			CXL	2016	49		2017	
GC	0645	Maize	0.015			CXL	2016	49		2017	
AS	3490	Maize bran, unprocessed	0.05			CXL	2016	49		2017	
MF	0100	Mammalian fats (except milk fats)	1			CXL	2016	49		2017	
FC	0003	Mandarins (including mandarin-like hybrids) (subgroup)	1.5			CXL	2016	49		2017	
MM	0095	Meat (from mammals other than marine mammals)	1.5			CXL	2016	49		2017	
VC	0046	Melons (except watermelon)	0.4			CXL	2016	49		2017	
ML	0106	Milks	0.7			CXL	2016	49		2017	
SO	0305	Olives for oil production	5			3	2024	56			
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	4			CXL	2016	49		2017	
AL	3353	Pea hay	50	(dw)		CXL	2016	49		2017	
FS	2001	Peaches (including apricots and nectarine) (subgroup)	1.5			CXL	2017	50		2018	
SO	0697	Peanut	0.04			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL	3352	Peanut hay	30	(dw)	CXL	2016	49		2017	
VD	0072	Peas (dry)	3		CXL	2016	49		2017	
VP	0063	Peas (pods and succulent=immature seeds)	3		CXL	2016	49		2017	
VP	0064	Peas, shelled (succulent seeds)	3		CXL	2016	49		2017	
TN	0672	Pecan	0.015		CXL	2016	49		2017	
VO	0051	Peppers (subgroup)	0.9	MRL provisionally applies to okra, martynia, and roselle.	CXL	2016	49		2017	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS	0444	Peppers chili, dried	9		CXL	2016	49		2017	
FI	0353	Pineapple	0.3		CXL	2022	54		2023	
FS	0014	Plums (including fresh prunes) (subgroup)	0.4		CXL	2017	50		2018	
FP	0009	Pome fruits (group)	0.9		CXL	2016	49		2017	
VR	0589	Potato	0.05		CXL	2016	49		2017	
PF	0111	Poultry fats	0.3		CXL	2016	49		2017	
PM	0110	Poultry meat	0.8		CXL	2016	49		2017	
PO	0111	Poultry, edible offal of	1		CXL	2016	49		2017	
DF	0014	Prunes	3		CXL	2017	50		2018	
FC	0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.7		CXL	2016	49		2017	
SO	0495	Rape seed	0.4		3	2024	56			
VR	0075	Root and tuber vegetables (group)	0.7	Except potato.	CXL	2016	49		2017	
SO	0700	Sesame seed	3		CXL	2022	54		2023	
VD	0541	Soya bean (dry)	1.5		CXL	2016	49		2017	
AL	3354	Soya bean hay	40	(dw)	CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC 0431	Squash, summer	0.2			CXL	2016	49		2017	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	40 (dw)			CXL	2016	49		2017	
FB 0275	Strawberry	1.5			CXL	2016	49		2017	
SO 2091	Sunflower seeds (subgroup)	0.8			CXL	2022	54		2023	
VO 0447	Sweet corn (corn-on-the-cob)	0.05			CXL	2016	49		2017	
VR 0508	Sweet potato	0.05			CXL	2016	49		2017	
FT 0305	Table olives	5			3	2024	56			
VO 0448	Tomato	1			CXL	2016	49		2017	
CM 0654	Wheat bran, unprocessed	8			CXL	2016	49		2017	
CF 1210	Wheat germ	5			CXL	2016	49		2017	
CF 1212	Wheat wholemeal	5			CXL	2016	49		2017	

286 Lufenuron

Main Uses: Insecticide

JMPR:

ADI: 0–0.02 mg/kg bw (2015)

Acute RfD: Unnecessary ((2015))

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

The residue fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SB 0716	Coffee beans	0.07			CXL	2018	51		2019	
VC 0424	Cucumber	0.09			CXL	2015	48		2016	
MO 0105	Edible offal (mammalian)	0.15			CXL	2018	51		2019	
PE 0112	Eggs	0.02			CXL	2015	48		2016	
FC 0205	Lime	0.4			CXL	2018	51		2019	
GC 0645	Maize	0.01			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	2			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	2	(fat)		CXL	2018	51		2019	
VC 0046	Melons (except watermelon)	0.4			CXL	2015	48		2016	
FM 0183	Milk fats	5			CXL	2018	51		2019	
ML 0106	Milks	0.15			CXL	2018	51		2019	
OR 0004	Orange oil, edible	8			CXL	2018	51		2019	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.3			CXL	2018	51		2019	
VO 0445	Peppers, sweet (including pimiento or pimienta)	0.8			CXL	2015	48		2012	
FP 0009	Pome fruits (group)	1			CXL	2018	51		2019	
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:

ADI: 0–0.4 mg/kg bw (2015)

Acute RfD: 2 mg/kg bw ((2015))

Residue: For compliance with MRL for plant commodities: Quinclorac plus quinclorac conjugates. For the estimation of dietary exposure for plant commodities: Quinclorac plus quinclorac conjugate plus quinclorac methyl ester expressed as quinclorac. For compliance with the MRL and estimating dietary exposure for animal commodities: Quinclorac plus quinclorac conjugates. The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 0265	Cranberry	1.5			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.1			CXL	2017	50		2018	
PE 0112	Eggs	0.05 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.05 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*) (fat)			CXL	2017	50		2018	
ML 0106	Milks	0.05 (*)			CXL	2017	50		2018	
PF 0111	Poultry fats	0.05 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.05 (*) (fat)			CXL	2017	50		2018	
PO 0111	Poultry, edible offal of	0.05 (*)			CXL	2017	50		2018	
SO 0495	Rape seed	0.15			CXL	2022	54		2023	
VS 0627	Rhubarb	0.5			CXL	2015	48		2016	
GC 0649	Rice	10			CXL	2017	50		2018	
AS 0649	Rice, hay and/or straw	8 (dw)			CXL	2017	50		2018	
CM 0649	Rice, husked	10			CXL	2017	50		2018	
CM 1205	Rice, polished	8			CXL	2017	50		2018	

288 Acibenzolar-S-methyl

Main Uses: Fungicide

JMPR:

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

Acute RfD: 0.5 mg/kg bw ((2016))

Residue: For compliance with MRLs for animal and plant commodities and for dietary risk assessment for animal commodities: Sum of acibenzolar-S-methyl and 1,2,3-benzothiadiazole-7-carboxylic acid (acibenzolar acid) (free and conjugates), expressed in terms of acibenzolar-S-methyl. For dietary risk assessment for plants: Sum of acibenzolar-S-methyl and 1,2,3-benzothiadiazole-7-carboxylic acid (acibenzolar acid), (free and conjugated) and 1,2,3-benzothiadiazole-4-hydroxy-7-carboxylic acid (4-OH acibenzolar acid) (free and conjugated), expressed as acibenzolar-S-methyl. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3			CXL	2016	49		2017	
FP 0226	Apple	0.02			3	2024	56			
DF 0226	Apples, dried	0.06			3	2024	56			
FI 0327	Banana	0.06			CXL	2016	49		2017	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	0.7			CXL	2016	49		2017	
VS 0623	Cardoon	0.2			3	2024	56			
VS 0624	Celery	0.2			3	2024	56			
VS 0625	Celtuce	0.2			3	2024	56			
FC 0001	Citrus fruits (group)	0.015			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2016	49		2017	
PE 0112	Eggs	0.02 (*)			CXL	2016	49		2017	
VA 0380	Fennel, bulb	0.2			3	2024	56			
VC 0045	Fruiting vegetables, cucurbits (group)	0.8			CXL	2016	49		2017	
VA 0381	Garlic	0.15			CXL	2016	49		2017	
PF 0111	Group of avian fats	0.02 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.02 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.02 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.02 (*)			3	2024	56			
PE 0112	Group of eggs	0.02 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.02 (*)			3	2024	56			
ML 0106	Group of milks	0.01 (*)			3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MM 0095	Group of muscle (from mammals other than marine mammals)	0.02 (*)			3	2024	56			
FI 0341	Kiwifruit	0.03			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae (subgroup)	1			CXL	2016	49		2017	
VL 0482	Lettuce, head	0.2			CXL	2016	49		2017	
VL 0483	Lettuce, leaf	0.4			CXL	2016	49		2017	
FB 2009	Low growing berries (subgroup)	0.15		Including strawberries.	CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
VA 0385	Onion, bulb	0.15			CXL	2016	49		2017	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.2			CXL	2016	49		2017	
PF 0111	Poultry fats	0.02 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2016	49		2017	
VS 0627	Rhubarb	0.2			3	2024	56			
VA 0388	Shallot	0.15			CXL	2016	49		2017	
VL 0502	Spinach	0.6			CXL	2016	49		2017	
VO 0448	Tomato	0.3			CXL	2016	49		2017	

289 Imazethapyr

Main Uses: Herbicide

JMPR:

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

Acute RfD: Unnecessary ((2016))

Residue: For compliance with MRLs for plant commodities and for compliance with MRLs and dietary risk assessment for animal commodities: Sum of imazethapyr, 5-hydroxyethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, expressed as imazethapyr. For dietary risk assessment) for plant commodities: Sum of imazethapyr, and 5-hydroxyethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid (OH-imazethapyr), and 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 Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1031	Clover, hay and/or straw	1.5 (dw)			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VD 0533	Lentil (dry)	0.1 (*)			CXL	2016	49		2017	
GC 0645	Maize	0.1 (*)			CXL	2016	49		2017	
AS 0645	Maize fodder (dry)	0.1 (*) (dw)			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
SO 0697	Peanut	0.1 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2016	49		2017	
SO 0495	Rape seed	0.1 (*)			CXL	2016	49		2017	
GC 0649	Rice	0.1 (*)			CXL	2016	49		2017	
AS 0649	Rice, hay and/or straw	0.15 (*) (dw)			CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.03			CXL	2016	49		2017	

290 Isofetamid

Main Uses: Fungicide

JMPR:

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

Acute RfD: 3 mg/kg bw ((2016))

Residue: For compliance with MRLs and for dietary risk assessment for plant commodities: Isofetamid. For compliance with MRLs and for dietary risk assessment for animal commodities: Sum of isofetamid and 2-[3-methyl-4-[2-methyl-2-(3-methylthiophene-2-carboxamido) propanoyl]phenoxy]propanoic acid (PPA), expressed as isofetamid.

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	0.8 (dw)			CXL	2016	49		2017	
TN 0660	Almonds	0.01 (*)			CXL	2016	49		2017	
VP 2060	Beans with pods (subgroup)	0.6			CXL	2018	51		2019	
FB 2006	Bush berries (subgroup)	4			CXL	2019	52		2021	
FB 2005	Cane berries (subgroup)	3			CXL	2018	51		2019	
FS 0013	Cherries (subgroup)	4			CXL	2018	51		2019	
VD 2065	Dry beans (subgroup)	0.09		Except soya beans.	CXL	2019	52		2021	
VD 2066	Dry peas				(subgroup)		0.09		CXL	2019 52 2021
MO 0105	Edible offal (mammalian)	0.07			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	7			CXL	2016	49		2017	
VL 0482	Lettuce, head	5			CXL	2016	49		2017	
VL 0483	Lettuce, leaf	7			CXL	2016	49		2017	
FB 2009	Low growing berries (subgroup)	4		Includes all commodities in this subgroup.	CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.02			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)			CXL	2016	49		2017	
ML 0106	Milks	0.01 (*)			CXL	2016	49		2017	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	3			CXL	2018	51		2019	
VP 2061	Peas with pods (subgroup)	0.6			CXL	2018	51		2019	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS 0014	Plums (including fresh prunes) (subgroup)	0.8			CXL	2018	51		2019	
FP 0009	Pome fruits (group)	0.6			CXL	2018	51		2019	
PF 0111	Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2016	49		2017	
DF 0014	Prunes	3			CXL	2018	51		2019	
SO 0495	Rape seed	0.015			CXL	2016	49		2017	
OR 0495	Rape seed oil, edible	0.03			CXL	2016	49		2017	
FB 2008	Small fruit vine climbing (subgroup)	3			CXL	2016	49		2017	

291 Oxathiapiprolin

Main Uses: Fungicide

JMPR:

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

Acute RfD: Unnecessary ((2016))

Residue: For compliance with the MRL for plant and animal commodities: Oxathiapiprolin. For dietary risk assessment for plant and animal commodities: Sum of: oxathiapiprolin, 5-(Trifluoromethyl)-1H-pyrazole-3-carboxylic acid and 1-β-D-Glucopyranosyl-3-(trifluoromethyl)-1H-pyrazole-5-carboxylic acid, expressed as parent. The residue is not fat soluble.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM	0660	Almond hulls	0.05			CXL	2023	55		2024	
FI	0326	Avocado	0.07			CXL	2023	55		2024	
DH	0722	Basil leaves, dried	80			CXL	2018	51		2019	
HH	0722	Basil, leaves	10			CXL	2018	51		2019	
VB	0400	Broccoli	1.5			CXL	2016	49		2017	
FB	2006	Bush berries (subgroup)	0.5			CXL	2023	55		2025	
VB	0041	Cabbages, head	0.7			CXL	2016	49		2017	
FB	2005	Cane berries (subgroup)	0.5			CXL	2018	51		2018	
VB	0404	Cauliflower	0.3			CXL	2016	49		2017	
FC	0001	Citrus fruits (group)	0.05			CXL	2018	51		2018	
OR	0001	Citrus oil, edible	3			CXL	2018	51		2019	
AB	0001	Citrus pulp, dried	0.15			CXL	2018	51		2019	
PE	0112	Eggs	0.01		(*)	CXL	2018	51		2019	
VC	0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2016	49		2017	
VO	0050	Fruiting vegetables, other than cucurbits (group)	0.4		Except sweetcorn and mushrooms.	CXL	2016	49		2017	
VA	0381	Garlic	0.04			CXL	2016	49		2017	
VA	0382	Garlic, great-headed	0.04			CXL	2016	49		2017	
DV	0604	Ginseng, dried including red ginseng	0.15			CXL	2016	49		2017	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	1.3			CXL	2016	49		2017	
FB	0269	Grapes	0.9			CXL	2016	49		2017	
MU	1100	Hops, dried	5			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0054	Leaves of Brassicaceae (subgroup)	10			CXL	2018	51		2019	
VA 0384	Leek	2			CXL	2016	49		2017	
VL 0482	Lettuce, head	3			CXL	2016	49		2017	
VL 0483	Lettuce, leaf	5			CXL	2016	49		2017	
GC 0645	Maize	0.01 (*)			CXL	2018	51		2019	
AS 0645	Maize fodder (dry)	0.01 (*)			CXL	2018	51		2019	
VA 0385	Onion, bulb	0.04			CXL	2016	49		2017	
VA 0387	Onion, Welsh	2			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	1			CXL	2016	49		2017	
VP 0064	Peas, shelled (succulent seeds)	0.05			CXL	2016	49		2017	
HS 0444	Peppers chili, dried	4			CXL	2016	49		2017	
SO 0698	Poppy seed	0.01 (*)			CXL	2018	51		2019	
PF 0111	Poultry fats	0.01 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.01 (*)			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2018	51		2019	
VA 0388	Shallot	0.04			CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2018	51		2019	
AL 3354	Soya bean hay	0.02			CXL	2018	51		2019	
VL 0502	Spinach	15			CXL	2016	49		2017	
VA 0389	Spring onion	2			CXL	2016	49		2017	
SO 0702	Sunflower seed	0.01 (*)			CXL	2018	51		2019	
DV 0448	Tomato, dried	3			CXL	2016	49		2017	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2023	55		2024	
VR 2071	Tuberous and corm vegetables (subgroup)	0.04			CXL	2018	51		2019	
VS 2081	Young shoots	2			CXL	2018	51		2019	

292 Pendimethalin

Main Uses: Herbicide

JMPR:

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

Acute RfD: 1 mg/kg bw ((2016))

Residue: For compliance with the MRL and for dietary risk assessment for plant and animal commodities: Pendimethalin.

The residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	4 (dw)			CXL	2016	49		2017	
AM 0660	Almond hulls	7 (dw)			CXL	2016	49		2017	
VS 0621	Asparagus	0.1			CXL	2016	49		2017	
VD 0071	Bean (dry)	0.05			CXL	2016	49		2017	
AL 0061	Bean, hay and/or straw	0.3 (dw)			CXL	2016	49		2017	
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.05		Green pods and immature seeds.	CXL	2016	49		2017	
FB 2006	Bush berries (subgroup)	0.05 (*)			CXL	2019	52		2021	
FB 2005	Cane berries (subgroup)	0.05 (*)			CXL	2019	52		2021	
VR 0577	Carrot	0.5			CXL	2016	49		2017	
VS 0624	Celery	0.09			CXL	2016	49		2017	
FC 0001	Citrus fruits (group)	0.03			CXL	2016	49		2017	
MO 0105	Edible offal (mammalian)	0.05			CXL	2016	49		2017	
PE 0112	Eggs	0.01 (*)			CXL	2016	49		2017	
VA 0380	Fennel, bulb	0.05 (*)			CXL	2016	49		2017	
VB 0042	Flowerhead brassicas (subgroup)	0.01 (*)			CXL	2021	53		2022	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.05 (*)			CXL	2021	53		2022	
VA 0381	Garlic	0.05 (*)			CXL	2016	49		2017	
FB 0269	Grapes	0.05 (*)			CXL	2021	53		2022	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	2500 (dw)			CXL	2016	49		2017	
DH 1100	Hops, dry	0.05			CXL	2016	49		2017	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL 0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kele)	0.5			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae (subgroup)	0.3		Except kale.	CXL	2016	49		2017	
VA 0384	Leek	0.3			CXL	2021	53		2022	
VL 0483	Lettuce, leaf	4			CXL	2016	49		2017	
GC 0645	Maize	0.05 (*)			CXL	2021	53		2022	
AS 3557	Maize, hay and/or straw	0.05 (*)			CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	0.2			CXL	2016	49		2017	
MM 0095	Meat (from mammals other than marine mammals)	0.2 (fat)			CXL	2016	49		2017	
FM 0183	Milk fats	0.8			CXL	2016	49		2017	
ML 0106	Milks	0.02			CXL	2016	49		2017	
HH 0738	Mints	0.2			CXL	2019	52		2021	
VA 0385	Onion, bulb	0.05 (*)			CXL	2016	49		2017	
VA 0387	Onion, Welsh	0.4			CXL	2016	49		2017	
HH 0740	Parsley, leaves	1.5			CXL	2021	53		2022	
VD 0072	Peas (dry)	0.05			CXL	2016	49		2017	
VP 0063	Peas (pods and succulent=immature seeds)	0.05			CXL	2016	49		2017	
VP 0064	Peas, shelled (succulent seeds)	0.05			CXL	2016	49		2017	
OR 0738	Peppermint oil, edible	6			CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.01 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2016	49		2017	
GC 0649	Rice	0.01 (*)			CXL	2021	53		2022	
AS 0649	Rice, hay and/or straw	0.01			CXL	2021	53		2022	
VA 0388	Shallot	0.05 (*)			CXL	2016	49		2017	
VD 0541	Soya bean (dry)	0.05 (*)			CXL	2021	53		2022	
VA 0389	Spring onion	0.4			CXL	2016	49		2017	
FB 0275	Strawberry	0.05 (*)			CXL	2019	52		2021	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GS 0659	Sugar cane	0.01			CXL	2021	53		2022	
SO 0702	Sunflower seed	0.05 (*)			CXL	2021	53		2022	
TN 0085	Tree nuts (group)	0.05			CXL	2016	49		2017	
GC 0654	Wheat	0.01 (*)			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	0.3			CXL	2021	53		2022	

293 Pinoxaden

Main Uses: Herbicide

JMPR:

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

Acute RfD: 0.3 mg/kg bw ((2016))

Residue: For compliance with the MRL and for dietary risk assessment for plant commodities: Sum of free and conjugated M4 (SYN 505164; 8-(2,6-Diethyl-4-hydroxymethyl-phenyl)-9-hydroxy-1,2,4,5-tetrahydro-pyrazolo[1,2-d][1,4,5]oxadiazepin-7-one), expressed as pinoxaden. For compliance with the MRL and for dietary risk assessment) for animal commodities: M4 (SYN 505164; 8-(2,6-Diethyl-4-hydroxymethyl-phenyl)-9-hydroxy-1,2,4,5-tetrahydro-pyrazolo[1,2-d][1,4,5]oxadiazepin-7-one), expressed as pinoxaden. The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
GC 0640	Barley	0.7			CXL	2016	49		2017	
AS 0640	Barley, hay and/or straw	3 (dw)			CXL	2016	49		2017	
PE 0112	Eggs	0.02 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.02 (*)			CXL	2016	49		2017	
PM 0110	Poultry meat	0.02 (*)			CXL	2016	49		2017	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2016	49		2017	
GC 0654	Wheat	0.7			CXL	2016	49		2017	
AS 0654	Wheat, hay and/or straw	3 (dw)			CXL	2016	49		2017	

294 Spiromesifen

Main Uses: Acaricide and Insecticide

JMPR:

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

Acute RfD: Unnecessary ((2016))

Residue: For compliance with the MRL for plant and animal commodities: Sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen. For dietary risk assessment for plant commodities: Sum of spiromesifen, 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, and 4-hydroxy-3-[4-(hydroxymethyl)-2,6-dimethylphenyl]-1-oxaspiro[4.4]non-3-en-2-one (free and conjugated), all expressed as spiromesifen. For dietary risk assessment) for animal commodities: sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen. Residue is fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VP 0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.5			CXL	2022	54		2023	
VP 0062	Beans without pods (Phaseolus spp.) (succulent seeds)	0.15 (*)			CXL	2022	54		2023	
VB 0040	Brassica vegetables (except Brassica leafy vegetables) (group)	3			CXL	2016	49		2017	
VR 0463	Cassava	0.02 (*)			CXL	2016	49		2017	
AB 0001	Citrus pulp, dried	0.3			CXL	2022	54		2023	
SB 0716	Coffee beans	0.2			CXL	2016	49		2017	
VP 0526	Common bean (pods and/or immature seeds)	1			CXL	2016	49		2017	
SO 0691	Cotton seed	0.7			CXL	2016	49		2017	
VC 0424	Cucumber	0.15			CXL	2016	49		2017	
VD 2065	Dry beans (subgroup)	0.03 (*)			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.3			CXL	2022	54		2023	
VO 0440	Eggplant	0.7			CXL	2016	49		2017	
PE 0112	Eggs	0.02			CXL	2022	54		2023	
VC 0045	Fruiting vegetables, cucurbits (group)	0.09		Except melon and cucumber.	CXL	2016	49		2017	
VL 0053	Leafy vegetables (group)	15			CXL	2016	49		2017	
VL 0054	Leaves of Brassicaceae (subgroup)	15			CXL	2016	49		2017	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FB 2009	Low growing berries (subgroup)	3			CXL	2016	49		2017	
GC 0645	Maize	0.02 (*)			CXL	2016	49		2017	
AS 0645	Maize fodder (dry)	6			CXL	2016	49		2017	
MF 0100	Mammalian fats (except milk fats)	0.15			CXL	2022	54		2023	
FI 0345	Mango	0.5			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.15			CXL	2022	54		2023	
VC 0046	Melons (except watermelon)	0.3			CXL	2016	49		2017	
ML 0106	Milks	0.015			CXL	2022	54		2023	
VO 0442	Okra	0.5			CXL	2016	49		2017	
OR 0004	Orange oil, edible	30			CXL	2022	54		2023	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.15			CXL	2022	54		2023	
FI 0350	Papaya	0.7			CXL	2022	54		2023	
VO 0443	Pepino	0.5			CXL	2016	49		2017	
VO 0051	Peppers (subgroup)	0.5		MRL provisionally applies to okra, martynia, and roselle.	CXL	2016	49		2017	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.
HS 0444	Peppers chili, dried	5			CXL	2016	49		2017	
GC 0656	Popcorn	0.02 (*)			CXL	2016	49		2017	
VR 0589	Potato	0.02 (*)			CXL	2016	49		2017	
PF 0111	Poultry fats	0.02			CXL	2022	54		2023	
PM 0110	Poultry meat	0.02			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.05			CXL	2022	54		2023	
OC 0541	Soya bean oil, crude	0.03 (*)			CXL	2022	54		2023	
AL 3538	Soya bean, hulls	0.03 (*)			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 3539	Soya bean, meal	0.03 (*)			CXL	2022	54		2023	
VO 0447	Sweet corn (corn-on-the-cob)	0.02 (*)			CXL	2016	49		2017	
VR 0508	Sweet potato	0.02 (*)			CXL	2016	49		2017	
DT 1114	Tea, green, black (black, fermented and dried)	70			CXL	2016	49		2017	
VO 0448	Tomato	0.7			CXL	2016	49		2017	
VW 0448	Tomato paste	2			CXL	2016	49		2017	
DV 0448	Tomato, dried	4			CXL	2016	49		2017	

295 Bicyclopyrone

Main Uses: Acaricide

JMPR:

ADI: 0–0.003 mg/kg bw (2017)

Acute RfD: 0.01 mg/kg bw (for women of child-bearing age) ((2017))

Residue: For compliance with the MRL and for the estimation of dietary exposure for plant commodities: Sum of bicyclopyrone and its structurally-related metabolites determined as the sum of the common moieties 2-(2-methoxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (SYN503780) and (2-(2-hydroxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (CSCD686480), expressed as bicyclopyrone.

For compliance with the MRL and for the estimation of dietary exposure) for animal commodities: Sum of bicyclopyrone and its structurally-related metabolites determined as the sum of the common moieties 2-(2-methoxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (SYN503780) and 2-(2-hydroxyethoxymethyl)-6-(trifluoromethyl)pyridine-3-carboxylic acid (CSCD686480), expressed as bicyclopyrone.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	0.04			CXL	2017	50		2018	
CF 0640	Barley bran, processed	0.1			CXL	2017	50		2018	
AS 0640	Barley, hay and/or straw	0.8	(dw)		CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	3			CXL	2017	50		2018	
PE 0112	Eggs	0.01	(*)		CXL	2017	50		2018	
GC 0645	Maize	0.02	(*)		CXL	2017	50		2018	
AS 0645	Maize fodder (dry)	0.5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.02	(*)		CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.02	(*)		CXL	2017	50		2018	
ML 0106	Milks	0.02	(*)		CXL	2017	50		2018	
PF 0111	Poultry fats	0.01	(*)		CXL	2017	50		2018	
PM 0110	Poultry meat	0.01	(*)		CXL	2017	50		2018	
PO 0111	Poultry, edible offal of	0.01	(*)		CXL	2017	50		2018	
GS 0659	Sugar cane	0.02	(*)		CXL	2017	50		2018	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.03			CXL	2017	50		2018	
AS 0447	Sweet corn fodder	0.5	(dw)		CXL	2017	50		2018	
GC 0654	Wheat	0.04			CXL	2017	50		2018	
CF 0654	Wheat bran, processed	0.1			CXL	2017	50		2018	
CF 1210	Wheat germ	0.06			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AS 0654	Wheat, hay and/or straw	0.8 (dw)			CXL	2017	50		2018	

296 Cyclaniliprole

Main Uses: Acaricide

JMPR:

ADI: 0–0.04 mg/kg bw (2017)

Acute RfD: Unnecessary ((2017))

Residue: For compliance with the MRL for plant and animal commodities: Cyclaniliprole. For estimation of dietary exposure) for plant commodities: Cyclaniliprole + 3-bromo-2-((2-bromo-4H-pyrazolo[1,5-d]pyrido[3,2-b]-[1,4]oxazin-4-ylidene)amino)-5-chloro-N-(1-cyclopropylethyl)benzamide (NK-1375), expressed as cyclaniliprole equivalents. The molecular weight conversion factor to express NK-1375 in cyclaniliprole equivalents = 1.064. For estimation of dietary exposure) for animal commodities: Cyclaniliprole. The residue is fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM 0660	Almond hulls	6			CXL	2019	52		2021	
TN 0660	Almonds	0.03			CXL	2019	52		2021	
FB 2006	Bush berries (subgroup)	1.5			CXL	2019	52		2021	
VB 0041	Cabbages, head	0.7			CXL	2019	52		2021	
FB 2005	Cane berries (subgroup)	0.8			CXL	2019	52		2021	
FS 0013	Cherries (subgroup)	0.7			CXL	2019	52		2021	
FC 0001	Citrus fruits (group)	0.4			CXL	2019	52		2021	
OR 0001	Citrus oil, edible	50			CXL	2019	52		2021	
MO 0105	Edible offal (mammalian)	0.2			CXL	2019	52		2021	
VO 2046	Eggplants (subgroup)	0.15			CXL	2019	52		2021	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
FB 0267	Elderberries	1.5			CXL	2019	52		2021	
VB 0042	Flowerhead brassicas (subgroup)	0.8			CXL	2019	52		2021	
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.05			CXL	2019	52		2021	
VC 2040	Fruiting vegetables, cucurbits - melons, pumpkins and winter squashes (subgroup)	0.1			CXL	2019	52		2021	
FB 0269	Grapes	0.6			CXL	2019	52		2021	
FB 2254	Guelder rose	1.5			CXL	2019	52		2021	
VL 2050	Leafy greens (subgroup)	7			CXL	2019	52		2021	
VL 0054	Leaves of Brassicaceae (subgroup)	10			CXL	2019	52		2021	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 2009	Low growing berries (subgroup)	0.4		Except cranberries.	CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.25			CXL	2019	52		2021	
MM 0095	Meat (from mammals other than marine mammals)	0.25 (fat)			CXL	2019	52		2021	
FM 0183	Milk fats	0.2			CXL	2019	52		2021	
ML 0106	Milks	0.01			CXL	2019	52		2021	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.3			CXL	2019	52		2021	
VO 0051	Peppers (subgroup)	0.15		MRL provisionally applies to okra, martynia, and roselle.	CXL	2019	52		2021	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	1.5			CXL	2019	52		2021	
FS 0014	Plums (including fresh prunes) (subgroup)	0.15			CXL	2019	52		2021	
FP 0009	Pome fruits (group)	0.2		Except Japanese persimmons.	CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	
DF 0014	Prunes	0.6			CXL	2019	52		2021	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	0.45 (dw)			CXL	2019	52		2021	
DT 1114	Tea, green, black (black, fermented and dried)	50			CXL	2019	52		2021	
DV 0448	Tomato, dried	0.35			CXL	2019	52		2021	
VO 2045	Tomatoes (subgroup)	0.08			CXL	2019	52		2021	
VR 2071	Tuberous and corm vegetables (subgroup)	0.01 (*)			CXL	2019	52		2021	

297 Fenazaquin

Main Uses: Acaricide

JMPR:

ADI: 0–0.05 mg/kg bw (2017)

Acute RfD: 0.1 mg/kg bw ((2017))

Residue: For plant commodities for compliance and for dietary risk assessment: Fenazaquin. For compliance and estimation of dietary exposure for animal commodities: Sum of fenazaquin and the metabolite 2-hydroxy-fenazaquin acid expressed as fenazaquin. The residue is fat soluble.

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM	0660	Almond hulls	4		(dw)	CXL	2019	52		2021	
FP	0226	Apple	0.3			CXL	2022	54		2023	
FI	0326	Avocado	0.15			CXL	2022	54		2023	
FB	2006	Bush berries (subgroup)	0.8			CXL	2022	54		2023	
FB	2005	Cane berries (subgroup)	0.7			CXL	2022	54		2023	
FS	0013	Cherries (subgroup)	2			CXL	2017	50		2018	
OR	0001	Citrus oil, edible	40			CXL	2022	54		2023	
MO	0105	Edible offal (mammalian)	0.02		(*)	CXL	2022	54		2023	
VO	2046	Eggplants (subgroup)	0.3			CXL	2022	54		2023	
VC	0045	Fruiting vegetables, cucurbits (group)	0.3			CXL	2022	54		2023	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	1.5			CXL	2022	54		2023	
DH	1100	Hops, dry	30			CXL	2017	50		2018	
FC	0002	Lemons and limes (including citron) (subgroup)	0.3			CXL	2022	54		2023	
FB	2009	Low growing berries (subgroup)	2			CXL	2022	54		2023	
MF	0100	Mammalian fats (except milk fats)	0.02		(*)	CXL	2022	54		2023	
FC	0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.3			CXL	2022	54		2023	
MM	0095	Meat (from mammals other than marine mammals)	0.02		(*) (fat)	CXL	2022	54		2023	
FM	0183	Milk fats	0.02		(*) (fat)	CXL	2022	54		2023	
ML	0106	Milks	0.02		(*) (fat)	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4			CXL	2022	54		2023	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1.5			CXL	2022	54		2023	
VO 0051	Peppers (subgroup)	0.3		MRL provisionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	3			CXL	2022	54		2023	
FS 0014	Plums (including fresh prunes) (subgroup)	0.5			CXL	2022	54		2023	
DF 0014	Prunes	3			CXL	2022	54		2023	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.3			CXL	2022	54		2023	
FB 2008	Small fruit vine climbing (subgroup)	0.7			CXL	2022	54		2023	
VO 2045	Tomatoes (subgroup)	0.3			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.02			CXL	2019	52		2021	

298 Fenpyrazamine

Main Uses: Acaricide

JMPR:

ADI: 0-0.3 mg/kg bw (2017)

Acute RfD: 0.8 mg/kg bw ((2017))

Residue: For plant commodities for enforcement of MRLs: Fenpyrazamine. For plant commodities for estimation of dietary exposure: Sum of fenpyrazamine and 5-amino-1,2-dihydro-2-isopropyl-4-(o-tolyl)pyrazol-3-one (S-2188-DC), expressed as fenpyrazamine. For animal commodities for enforcement of MRLs and for estimation of dietary exposure: Sum of fenpyrazamine and 5-amino-1,2-dihydro-2-isopropyl-4-(o-tolyl)pyrazol-3-one (S-2188-DC), expressed as fenpyrazamine. The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
TN 0660	Almonds	0.01 (*)			CXL	2017	50		2018	
FB 2006	Bush berries (subgroup)	4			CXL	2017	50		2018	
FB 2005	Cane berries (subgroup)	5			CXL	2017	50		2018	
FS 0013	Cherries (subgroup)	3			CXL	2017	50		2018	
VO 4275	Cherry tomato	3			CXL	2017	50		2018	
VC 0424	Cucumber	0.7			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.05			CXL	2017	50		2018	
VO 2046	Eggplants (subgroup)	3			CXL	2017	50		2018	
VR 0604	Ginseng	0.7			CXL	2017	50		2018	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	9			CXL	2017	50		2018	
FB 0269	Grapes	3			CXL	2017	50		2018	
VL 0482	Lettuce, head	1.5			CXL	2017	50		2018	
VL 0483	Lettuce, leaf	1.5			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	4			CXL	2017	50		2018	
VO 0445	Peppers, sweet (including pimento or pimiento)	3			CXL	2017	50		2018	
FS 0014	Plums (including fresh prunes) (subgroup)	2			CXL	2017	50		2018	
FB 0275	Strawberry	3			CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0448	Tomato	3			CXL	2017	50		2018	

299 Isoprothiolane

Main Uses: Acaricide

JMPR:

ADI: 0-0.1 mg/kg bw (2017)

Acute RfD: Unnecessary ((2017))

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

For dietary risk assessment for rice: Isoprothiolane.

For dietary risk assessment for plants other than rice: Sum of isoprothiolane, diisopropyl-4-hydroxy-1,3- dithiolan-2-ylidenemalonate (M-3); free and conjugated and 1-hydroxypropan-2-yl propan-2-yl 1,3-dithiolan-2-ylidenemalonate (M-5); free and conjugated, expressed as isoprothiolane.

For compliance with the MRL and dietary risk assessment for animal commodities: Sum of isoprothiolane and 2-(1,3-dithiolan-2-ylidene)-3-oxo-3-(propan-2-yloxy)propanoic acid (M-2), expressed as isoprothiolane.

The residue is not fat-soluble.

Note: The Regular Meeting of JMPR (2021) reaffirmed ADI can be applied to metabolites M-2, M-3 and M-5.

Commodity											
Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR	
FI	0327	Banana	1		CXL	2021	53		2022		
MO	0105	Edible offal (mammalian)	0.01	(*)	CXL	2017	50		2018		
MF	0100	Mammalian fats (except milk fats)	0.01	(*)	CXL	2017	50		2018		
MM	0095	Meat (from mammals other than marine mammals)	0.01	(*)	CXL	2017	50		2018		
ML	0106	Milks	0.01	(*)	CXL	2017	50		2018		
CM	0649	Rice, husked	6		CXL	2017	50		2018		
CM	1205	Rice, polished	1.5		CXL	2017	50		2018		

302 Fosetyl AI

Main Uses: Acaricide

JMPR:

ADI: 0-1 mg/kg bw (The ADI applied directly to Fosetyl-AI and to Phosphonic acid).

Acute RfD: Unnecessary ((2017))

Residue: For compliance with the MRL and for estimation of dietary exposure for plant commodities: Sum of fosetyl, phosphonic acid and their salts, expressed as phosphonic acid. For compliance with the MRL and for estimation of dietary exposure for animal commodities: Phosphonic acid. The residue is not fat soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0326	Avocado	20			CXL	2017	50		2018	
FB 0264	Blackberries	70		Based on Fosetyl-AI use.	CXL	2019	52		2021	
SB 0716	Coffee beans	30		Based on Fosetyl-AI use.	CXL	2019	52		2021	
VC 0424	Cucumber	60			CXL	2017	50		2018	
MO 0105	Edible offal (mammalian)	0.5			CXL	2017	50		2018	
PE 0112	Eggs	0.05 (*)			CXL	2019	52		2021	
VB 0042	Flowerhead brassicas	0.2 (*)		Based on Fosetyl (subgroup) use.	CXL	2019	52		2021	
FB 0269	Grapes	60			CXL	2017	50		2018	
PF 0111	Group of avian fats	0.05 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.05 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.05 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.5			3	2024	56			
PE 0112	Group of eggs	0.05			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.3			3	2024	56			
ML 0106	Group of milks	0.1			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.15			3	2024	56			
VB 2036	Head brassicas (subgroup)			0.2 use.	(*)	Based on Fosetyl CXL			2019	52 2021
DH 1100	Hops, dry	1500			CXL	2017	50		2018	

	Commodity Code	Name	MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VL	0480	Kale (including among others: Collards, curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kale)	0.2	(*)		Based on Fosetyl use.	CXL	2019	52		2021	
FI	0341	Kiwifruit	150			Based on Fosetyl-Al use.	CXL	2019	52		2021	
VL	0482	Lettuce, head	200				CXL	2017	50		2018	
VL	0483	Lettuce, leaf	40				CXL	2017	50		2018	
MF	0100	Mammalian fats (except milk fats)	0.3				CXL	2019	52		2021	
FC	0003	Mandarins (including mandarin-like hybrids) (subgroup)	50				CXL	2017	50		2018	
MM	0095	Meat (from mammals other than marine mammals)	0.15				CXL	2017	50		2018	
VC	0046	Melons (except watermelon)	60				CXL	2017	50		2018	
ML	0106	Milks	0.1				CXL	2017	50		2018	
AB	0004	Orange, dried pulp	150				3	2024	56			
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	20				CXL	2017	50		2018	
FC	0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	50				3	2024	56			
VO	0445	Peppers, sweet (including pimento or pimienta)	7				CXL	2017	50		2018	
FI	0353	Pineapple	15			Based on Fosetyl-Al use.	CXL	2019	52		2021	
FP	0009	Pome fruits (group)	50				CXL	2017	50		2018	
PF	0111	Poultry fats	0.05	(*)			CXL	2019	52		2021	
PM	0110	Poultry meat	0.05	(*)			CXL	2019	52		2021	
PO	0111	Poultry, edible offal of	0.05	(*)			CXL	2019			2021	
GC	0649	Rice	40				3	2024	56			
CM	1205	Rice, polished	40				3	2024	56			
VL	0502	Spinach	20				CXL	2017	50		2018	
VC	0431	Squash, summer	70				CXL	2017	50		2018	
FB	0275	Strawberry	70				CXL	2017	50		2018	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0448	Tomato	8			CXL	2017	50		2018	
TN 0085	Tree nuts (group)	400			CXL	2017	50		2018	

303 Triflumezopyrim

Main Uses: Acaricide

JMPR:

ADI: 0-0.2 mg/kg bw

Acute RfD: 1 mg/kg bw ((2017))

Residue: For compliance with the MRL for plant and animal commodities: Triflumezopyrim. For the estimation of dietary exposure for plant commodities: Sum of triflumezopyrim and 3-(trifluoromethyl)benzoic acid (IN-Y2186), expressed as triflumezopyrim. For the estimation of dietary exposure for animal commodities: Triflumezopyrim.

The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2017	50		2018	
PE 0112	Eggs	0.01 (*)			CXL	2017	50		2018	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2017	50		2018	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2017	50		2018	
FM 0183	Milk fats	0.01 (*)			CXL	2017	50		2018	
ML 0106	Milks	0.01 (*)			CXL	2017	50		2018	
PF 0111	Poultry fats	0.01 (*)			CXL	2017	50		2018	
PM 0110	Poultry meat	0.01 (*)			CXL	2017	50		2018	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2017	50		2018	
GC 0649	Rice	0.2			CXL	2017	50		2018	
AS 0649	Rice, hay and/or straw	0.4 (dw)			CXL	2017	50		2018	
CM 0649	Rice, husked	0.01			CXL	2017	50		2018	
CM 1205	Rice, polished	0.01			CXL	2017	50		2018	

304 Ethiprole

Main Uses: Insecticide

JMPR:

ADI: 0–0.005 mg/kg bw (2018)

Acute RfD: 0.005 mg/kg bw ((2018))

Residue: For compliance with the MRL for plant commodities: Ethiprole. For dietary risk assessment for plant commodities: Sum of ethiprole, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(ethylsulfinyl)-1H-pyrazole-3-carboxamide (ethiprole-amide) and 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone), expressed as parent equivalents. For compliance with the MRL and dietary risk assessment for animal commodities: Sum of ethiprole and 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone), expressed as parent equivalents. The residue is fat soluble.

Note: ADI and ARfD apply to ethiprole, ethiprole-amide and ethiprole-sulfone, expressed as ethiprole.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SB 0716	Coffee beans	0.07			CXL	2018	51		2019	
SM 0716	Coffee beans, roasted	0.2			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.1			CXL	2018	51		2019	
PE 0112	Eggs	0.05			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.15			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.15	(fat)		CXL	2018	51		2019	
FM 0183	Milk fats	0.5			CXL	2018	51		2019	
ML 0106	Milks	0.015			CXL	2018	51		2019	
PF 0111	Poultry fats	0.05			CXL	2018	51		2019	
PM 0110	Poultry meat	0.05	(fat)		CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.05			CXL	2018	51		2019	
GC 0649	Rice	3			CXL	2018	51		2019	
CM 0649	Rice, husked	1.5			CXL	2018	51		2019	
CM 1205	Rice, polished	0.4			CXL	2018	51		2019	
VD 0541	Soya bean (dry)	0.05			CXL	2021	53		2022	
AL 3538	Soya bean, hulls	0.4			CXL	2021	53		2022	

305 Fenpicoxamid

Main Uses: Fungicide

JMPR:

ADI: 0–0.05 mg/kg bw 2018

Acute RfD: Unnecessary (2018)

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Fenpicoxamid (2018).

For compliance with the MRL and dietary risk assessment for milk and tissues of mammals (other than marine mammals): 2-benzyl-2,5-dideoxy-4-O-[(3-hydroxy-4-methoxypyridin-2-yl)carbonyl]-L-seryl]-L-arabinoic acid (X12326349), expressed as fenpicoxamid (2021).

The residue is not fat-soluble (2021).

Note: The 2021 (Extra) JMPR Meeting confirms its previous decision not to recommend a residue definition for poultry commodities (muscle, fat, offals and eggs). If future uses of fenpicoxamid result in an increase in the dietary exposure to the animal metabolite X12326349 and the hydrolysis products X12314005, X12019520, X12335723 and X12264475 in poultry, reconsideration of the residue definitions may become necessary.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FI 0327	Banana	0.15			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.02			CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	0.015			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.015 (*)			CXL	2021	53		2022	
ML 0106	Milks	0.015 (*)			CXL	2021	53		2022	
GC 0650	Rye	0.15			CXL	2021	53		2022	
GC 0653	Triticale	0.15			CXL	2021	53		2022	
GC 0654	Wheat	0.15			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	30 (dw)			CXL	2021	53		2022	

Main Uses: Fungicide

JMPR:

ADI: 0-0.01 mg/kg bw (2024)

Acute RfD: 0.07 mg/kg bw ((2024))

Residue: For plant commodities for enforcement of MRLs: Fluazinam

For plants for dietary risk assessment: JMPR (2023) was unable to conclude on a residue definition for risk assessment.

Note: JMPR 2018: The Meeting was unable to conclude on a residue definition for dietary risk assessment for plant commodities. No Maximum residue levels are recommended, nor are levels estimated for use in long-term and acute dietary exposure assessments as the Meeting could not reach a conclusion on the residue definition for dietary risk assessment for plant commodities. In addition, the Meeting could not reach a conclusion on the residue levels of TFAA in the crops considered in this Meeting. ADI: Not established. ARfD: Not established. Note 2 (Codex Secretariat): JMPR (2023) assigned a Pesticide ID 333 to Fluzainam which already had an ID 306 assigned by JMPR (2018). CCPR55 should advise JMPR (2024) to assign ID 333 to a new compound to be evaluated by JMPR (2024) to avoid inconsistencies between the JMPR and CCPR lists of pesticides.

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

307 Mandestrobin

Main Uses: Fungicide

JMPR:

ADI: 0–0.2 mg/kg bw 2018

Acute RfD: 3 mg/kg bw (for women of child-bearing age) (2018)

Residue: For compliance with MRL in plant and animal commodities and for dietary risk assessment in plant commodities: Mandestrobin.

For acute dietary risk assessment in animal commodities: Sum of parent, (2RS)-2-[2-(4-hydroxy-2,5-dimethylphenoxyethyl)phenyl]-2-methoxy-N-methylacetamide (4-OH-mandestrobin) + (2RS)-2-(2-hydroxymethylphenyl)-2-methoxy-N-methylacetamide (De-XY-mandestrobin) + 2RS)-2-[2-(2-hydroxymethyl-5-methylphenoxyethyl)phenyl]-2-methoxy-N-methylacetamide (2-CH₂-OH-mandestrobin) + 2-({2-[(1RS)-1-methoxy-2-(methylamino)-2-oxoethyl]benzyl}oxy)-4-methylbenzoic acid (2-COOH-mandestrobin), + 3-({2-[(1RS)-1-methoxy-2-(methylamino)-2-oxoethyl]benzyl}oxy)-4-methylbenzoic acid (5-COOH-mandestrobin) and their conjugates, expressed as parent compound.

For long-term dietary risk assessment in animal commodities: Sum of parent, (2RS)-2-[2-(4-hydroxy-2,5-dimethylphenoxyethyl)phenyl]-2-methoxy-N-methylacetamide (4-OH-mandestrobin), and its conjugates, expressed as parent compound.

The residue is fat-soluble.

Note: JMPR (2018) was unable to complete an evaluation for residues (Chapter 2.2, 2018 JMPR).

	Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO	0105	Edible offal (mammalian)	0.01 (*)			CXL	2019	52		2021	
PE	0112	Eggs	0.01 (*)			CXL	2019	52		2021	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	10			CXL	2019	52		2021	
FB	0269	Grapes	5			CXL	2019	52		2021	
MF	0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
MM	0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2019	52		2021	
ML	0106	Milks	0.01 (*)			CXL	2019	52		2021	
PF	0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM	0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO	0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	
SO	0495	Rape seed	0.2			CXL	2019	52		2021	
FB	0275	Strawberry	3			CXL	2019	52		2021	

308 Norflurazon

Main Uses: Herbicide

JMPR:

ADI: 0–0.005 mg/kg bw 2018

Acute RfD: 0.3 mg/kg bw (2018)

Residue: For compliance with the MRL for plant commodities: Sum of norflurazon and desmethyl norflurazon, expressed as norflurazon. For dietary risk assessment for plant commodities: Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon. For compliance with the MRL for animal commodities: Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon.

For dietary risk assessment for animal commodities: Sum of desmethyl norflurazon (free and conjugated) and 6-methyl sulfoxide norflurazon, expressed as norflurazon. The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 1020	Alfalfa, hay and/or straw	7 (DM)			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.3			CXL	2018	51		2019	
PE 0112	Eggs	0.02 (*)			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2018	51		2019	
ML 0106	Milks	0.02 (*)			CXL	2018	51		2019	
PF 0111	Poultry fats	0.02 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.02 (*)			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2018	51		2019	

309 Pydiflumetofen

Main Uses: Fungicide

JMPR:

ADI: 0–0.1 mg/kg bw (2018)

Acute RfD: 0.3 mg/kg bw ((2018))

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Pydiflumetofen. For compliance with the MRL for animal commodities: Pydiflumetofen. For dietary risk assessment for animal commodities other than mammalian liver and kidney: Sum of pydiflumetofen and 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, expressed as pydiflumetofen. For dietary risk assessment for mammalian liver and kidney: Sum of pydiflumetofen, 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, and 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichloro-3-hydroxy-phenyl)ethyl]pyrazole-4-carboxamide (SYN547897) and its conjugates, expressed as pydiflumetofen. The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM 0660	Almond hulls	10 (dw)			CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	50 (dw)			CXL	2019	52		2021	
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	3			CXL	2019	52		2021	
VP 2060	Beans with pods (subgroup)	0.7			CXL	2021	53		2022	
VA 2031	Bulb onions (subgroup)	0.3			CXL	2021	53		2022	
FB 2006	Bush berries (subgroup)	5			CXL	2021	53		2022	
FB 2005	Cane berries (subgroup)	4			3	2024	56			
FS 0013	Cherries (subgroup)	2			CXL	2021	53		2022	
FC 0001	Citrus fruits (group)	0.9			CXL	2021	53		2022	
OR 0001	Citrus oil, edible	40			CXL	2021	53		2022	
AB 0001	Citrus pulp, dried	1.5			CXL	2021	53		2022	
SB 0716	Coffee beans	0.2			3	2024	56			
AB 1204	Cotton gin trash	7			3	2024	56			
SO 0691	Cotton seed	0.02		Based on rotational crops.	CXL	2021	53		2022	
SO 0691	Cotton seed	0.6			3	2024	56			
VD 2065	Dry beans (subgroup)	0.4			CXL	2019	52		2021	
VD 2066	Dry peas				(subgroup)		0.4		CXL	2019 52 2021
MO 0105	Edible offal (mammalian)	0.1			CXL	2021	53		2022	
PE 0112	Eggs	0.02			CXL	2021	53		2022	
FB 0267	Elderberries	5			CXL	2021	53		2022	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0042	Flowerhead brassicas (subgroup)	3			CXL	2021	53		2022	
VC 0045	Fruiting vegetables, cucurbits (group)	0.4			CXL	2019	52		2021	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.5		Except okra, martynia, and roselle.	CXL	2019	52		2021	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	4			CXL	2018	51		2019	
VA 2032	Green onions (subgroup)	1.5			CXL	2021	53		2022	
PF 0111	Group of avian fats	0.01 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.01 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.1			3	2024	56			
PE 0112	Group of eggs	0.02			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.1			3	2024	56			
ML 0106	Group of milks	0.01 (*)			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.01 (*)			3	2024	56			
VB 2036	Head brassicas				(subgroup)		2		CXL	2021 53 2022
VL 0054	Leaves of Brassicaceae (subgroup)	0.1			CXL	2019	52		2021	
AL 0157	Legume animal feeds	30 (dw)			CXL	2019	52		2021	
VL 0482	Lettuce, head	20			3	2024	56			
VL 0483	Lettuce, leaf	30			3	2024	56			
FB 2009	Low growing berries (subgroup)	1		Except cranberries.	CXL	2021	53		2022	
GC 2091	Maize cereals (subgroup)	0.04			CXL	2019	52		2021	
CF 1255	Maize flour	0.07			CXL	2019	52		2021	
AS 0645	Maize fodder (dry)	18 (dw)			CXL	2019	52		2021	
OR 0645	Maize oil, edible	0.08			CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.1			CXL	2021	53		2022	
FI 0345	Mango	0.08			3	2024	56			
VO 2709	Martynia	0.02			CXL	2019	52		2021	

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)	0.1 (fat)			CXL	2021	53		2022	
ML 0106	Milks	0.01 (*)			CXL	2021	53		2022	
AS 0646	Millet fodder, dry	0.3 (dw)			CXL	2019	52		2021	
AS 0647	Oat straw and fodder, dry	50 (dw)			CXL	2019	52		2021	
VO 0442	Okra	0.02			CXL	2019	52		2021	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	1			CXL	2021	53		2022	
SO 0697	Peanut	0.05			CXL	2019	52		2021	
OR 0697	Peanut oil, edible	0.15			CXL	2019	52		2021	
VP 2061	Peas with pods (subgroup)	1.5			CXL	2021	53		2022	
HS 0444	Peppers chili, dried	5			CXL	2019	52		2021	
FI 2540	Pitaya	0.9			3	2024	56			
FS 0014	Plums (including fresh prunes) (subgroup)	0.6			CXL	2021	53		2022	
FP 0009	Pome fruits (group)	0.2		Except Japanese persimmon.	CXL	2021	53		2022	
DV 0589	Potato, flakes/granules	0.5		Potato, dried.	CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2021	53		2022	
PM 0110	Poultry meat	0.01 (*)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2021	53		2022	
DF 0014	Prunes	1.5			CXL	2021	53		2022	
GC 2088	Rice cereals (subgroup)	0.03			CXL	2019	52		2021	
AS 0649	Rice, hay and/or straw	0.3 (dw)			CXL	2019	52		2021	
VR 2070	Root vegetables (subgroup)	0.3			CXL	2021	53		2022	
VO 0446	Roselle	0.02			CXL	2019	52		2021	
AS 0650	Rye straw and fodder, dry	50 (dw)			CXL	2019	52		2021	
FB 2008	Small fruit vine climbing (subgroup)	1.5			CXL	2018	51		2019	
SO 2090	Small seed oilseeds (subgroup)	0.9			CXL	2019	52		2021	
GC 0651	Sorghum grain	3			CXL	2021	53		2022	
GC 2089	Sorghum grain and millet (subgroup)	0.03		Except sorghum grain.	CXL	2021	53		2022	
AS 3562	Sorghum, hay and/or straw	10 (dw)			CXL	2021	53		2022	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 2016	Stem Brassicas (subgroup)	0.1		Based on rotational crops.	CXL	2021	53		2022	
VS 2080	Stems and petioles (subgroup)	15			CXL	2019	52		2021	
VP 2062	Succulent beans without pods (subgroup)	0.15			CXL	2021	53		2022	
VP 2063	Succulent peas without pods (subgroup)	0.05			CXL	2021	53		2022	
AV 0596	Sugar beet leaves or tops (dry)	40	(dw)		CXL	2021	53		2022	
SO 2091	Sunflower seeds (subgroup)	0.5			CXL	2021	53		2022	
GC 2090	Sweet corns (subgroup)	0.03			CXL	2019	52		2021	
DV 0448	Tomato, dried	7			CXL	2019	52		2021	
TN 0085	Tree nuts (group)	0.05			CXL	2021	53		2022	
AS 0653	Triticale, hay and/or straw	50	(dw)		CXL	2019	52		2021	
VR 2071	Tuberous and corm vegetables (subgroup)	0.1			CXL	2019	52		2021	
VP 2064	Underground immature beans and peas (subgroup)	0.02		Based on rotational crops.	CXL	2021	53		2022	
CF 0654	Wheat bran, processed	1			CXL	2019	52		2021	
CF 1210	Wheat germ	0.6			CXL	2019	52		2021	
AS 0654	Wheat, hay and/or straw	50	(dw)		CXL	2019	52		2021	
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.4			CXL	2019	52		2021	

310 Pyriofenone

Main Uses: Fungicide

JMPR:

ADI: 0–0.09 mg/kg bw (2018)

Acute RfD: Unnecessary ((2018))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Pyriofenone.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FB 2006	Bush berries (subgroup)	1.5			CXL	2018	51		2019	
FB 2005	Cane berries (subgroup)	0.9			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2019	52		2021	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
VC 0045	Fruiting vegetables, cucurbits (group)	0.2			CXL	2018	51		2019	
DF 0269	Grape, dried (= Currants, Raisins and Sultanias)	2.5			CXL	2018	51		2019	
FB 2009	Low growing berries (subgroup)	0.5			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
ML 0106	Milks	0.01 (*)			CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	
FB 2008	Small fruit vine climbing (subgroup)	0.8			CXL	2018	51		2019	

311 Tioxazafen

Main Uses: Nematocide

JMPR:

ADI: 0–0.05 mg/kg bw (2018)

Acute RfD: 0.5 mg/kg bw ((2018))

Residue: For compliance with the MRL and dietary risk assessment for plant and animal commodities: Sum of tioxazafen and benzamidine (benzenecarboximidamide), expressed as tioxazafen. The residue is not fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AB 1204	Cotton gin trash	0.02			CXL	2018	51		2019	
SO 0691	Cotton seed	0.01 (*)			CXL	2018	51		2019	
MO 0105	Edible offal (mammalian)	0.03			CXL	2018	51		2019	
PE 0112	Eggs	0.02 (*)			CXL	2018	51		2019	
GC 0645	Maize	0.01 (*)			CXL	2018	51		2019	
AS 0645	Maize fodder (dry)	0.03 (DM)			CXL	2018	51		2019	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2018	51		2019	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	2018	51		2019	
ML 0106	Milks	0.02			CXL	2018	51		2019	
PF 0111	Poultry fats	0.02 (*)			CXL	2018	51		2019	
PM 0110	Poultry meat	0.02 (*)			CXL	2018	51		2019	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2018	51		2019	
VD 0541	Soya bean (dry)	0.04			CXL	2018	51		2019	
AB 1265	Soya bean meal	0.06			CXL	2018	51		2019	
AL 0541	Soya bean, hay and/or straw	0.4 (DM)			CXL	2018	51		2019	

312 Afidopyropen

Main Uses: Insecticide

JMPR:

ADI: 0–0.08 mg/kg bw

Acute RfD: 0.2 mg/kg bw (for women of child-bearing age) (2019)

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

For dietary risk assessment for plant commodities: Sum of afidopyropen + dimer of [(3R,6R,6aR,12S,12bR)-3-[(cyclopropanecarbonyl)oxy]-6,12-dihydroxy-4,6a,12b-trimethyl-11-oxo-9-(pyridin-3-yl)-1,3,4,4a,5,6,6a,12,12a,12b-decahydro-2H,11H-naphtho[2,1-b]pyrano[3,4-e]pyran-4-yl]methyl rac-cyclopropanecarboxylate (M007).

For compliance with the MRL for animal commodities: Afidopyropen

For dietary risk assessment for animal commodities, excluding liver: Afidopyropen + (3S,4R,4aR,6S, 6aS, 12R,12aS,12bS)-3,6,12-trihydroxy-4-(hydroxymethyl)-4,6a, 12b- trimethyl--9-(pyridin-3-yl)-1, 3,4,4a,5,6,6a,12, 12a,12b-decahydro-2H,11H-benzo- [f] pyrano[4,3- b]chromen-11-one (M001) + Cyclopropane carboxylic acid (CPCA/M061) and (2R)-3-carboxy-2- [(cyclopropylcarbonyl)oxy]- N, N, N-trimethylpropan-1- aminium chloride (CPCA-carnitine conjugate/M060), expressed as afidopyropen.

For dietary risk assessment for animal commodities, liver: Afidopyropen + (3S,4R,4aR,6S, 6aS, 12R,12aS,12bS)-3,6,12-trihydroxy-4-(hydroxymethyl)-4,6a, 12b-trimethyl--9- (pyridin-3-yl)-1, 3,4,4a,5,6,6a,12, 12a,12b-decahydro-2H,11H-benzo- [f] pyrano[4,3-b]chromen-11- one (M001) + Cyclopropane carboxylic acid (CPCA/M061) and (2R)-3-carboxy-2- [(cyclopropylcarbonyl)oxy]- N, N, N-trimethylpropan-1- aminium chloride (CPCA-carnitine conjugate/M060) + [(3S,4R,4aR,6S,6aS,12R,12aS,12bS)-3-(cyclopropylcarbonyl)oxy]-6,12-dihydroxy- 4,6a,12b-trimethyl-9-(1-oxidopyridin-3-yl)-11-oxo-1,3,4,4a,5,6,6a,12,12a,12b-decahydro-2H, 11H- benzo[f]pyrano[4,3-b]chromen-4-yl]methyl cyclopropane-carboxylate (M017), expressed as afidopyropen.

The residue is not fat-soluble.

Note: ARfD: 0.3 mg/kg bw (for general population)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AL 1020	Alfalfa, hay and/or straw	8 (dw)			CXL	2022	54		2023	
AM 0660	Almond hulls	0.6 (dw)			CXL	2019	52		2021	
DF 0226	Apples, dried	0.02		Peeled.	CXL	2019	52		2021	
VB 0041	Cabbages, head	0.5			CXL	2019	52		2021	
FS 0013	Cherries (subgroup)	0.03			CXL	2019	52		2021	
FC 0001	Citrus fruits (group)	0.15			CXL	2019	52		2021	
AB 0001	Citrus pulp, dried	0.4		Based on processing studies on oranges.	CXL	2019	52		2021	
AL 1031	Clover, hay and/or straw	10 (dw)			CXL	2022	54		2023	
HH 3209	Coriander, leaves	5			CXL	2019	52		2021	
AB 1204	Cotton gin trash	1.5			CXL	2019	52		2021	
SO 0691	Cotton seed	0.08			CXL	2019	52		2021	
VC 0424	Cucumber	0.7			CXL	2019	52		2021	

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
HH 0730	Dill, leaves	5			CXL	2019	52		2021	
MO 0105	Edible offal (mammalian)	0.3			CXL	2022	54		2023	
VO 2046	Eggplants (subgroup)	0.15			CXL	2019	52		2021	
PE 0112	Eggs	0.03			CXL	2022	54		2023	
VB 0042	Flowerhead brassicas (subgroup)	0.4			CXL	2019	52		2021	
VC 2040	Fruiting vegetables, cucurbits – melons, pumpkins and winter squashes (subgroup)	0.05			CXL	2019	52		2021	
HS 0784	Ginger, rhizome	0.01	(*)	Fresh.	CXL	2019	52		2021	
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	15	(dw)		CXL	2022	54		2023	
VL 2050	Leafy greens (subgroup)	2			CXL	2019	52		2021	
VL 0054	Leaves of Brassicaceae (subgroup)	5			CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.01	(*)		CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)		CXL	2022	54		2023	
ML 0106	Milks	0.001	(*)		CXL	2022	54		2023	
OR 0004	Orange oil, edible	0.7		Based on processing studies on oranges.	CXL	2019	52		2021	
HH 0740	Parsley, leaves	5		Leaves.	CXL	2019	52		2021	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.015			CXL	2019	52		2021	
VO 0051	Peppers (subgroup)	0.1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2019	52		2021	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	1			CXL	2019	52		2021	
FS 0014	Plums (including fresh prunes) (subgroup)	0.01	(*)		CXL	2019	52		2021	
FP 0009	Pome fruits (group)	0.03		Except persimmon.	CXL	2019	52		2021	
PF 0111	Poultry fats	0.015			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.01 (*)			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.02			CXL	2022	54		2023	
GC 0651	Sorghum grain	0.2			CXL	2022	54		2023	
AS 3561	Sorghum, stover	0.3 (dw)			CXL	2022	54		2023	
VD 0541	Soya bean (dry)	0.01 (*)			CXL	2019	52		2021	
VC 0431	Squash, summer	0.07			CXL	2019	52		2021	
VS 2080	Stems and petioles (subgroup)	3			CXL	2019	52		2021	
FB 0275	Strawberry	0.15			CXL	2022	54		2023	
DV 0448	Tomato, dried	0.7			CXL	2019	52		2021	
VO 2045	Tomatoes (subgroup)	0.15			CXL	2019	52		2021	
TN 0085	Tree nuts (group)	0.01 (*)			CXL	2019	52		2021	
VR 2071	Tuberous and corm vegetables (subgroup)	0.01 (*)			CXL	2019	52		2021	
HS 0794	Turmeric, root	0.01 (*)		Fresh.	CXL	2019	52		2021	

313 Metconazole

Main Uses: Fungicide

JMPR:

ADI: 0–0.04 mg/kg bw 2019

Acute RfD: 0.04 mg/kg bw (2019)

Residue: For compliance with MRL for plant and animal commodities: Metconazole (sum of cis and trans isomer).

For dietary risk assessment for plant commodities: Metconazole (sum of cis and trans isomer).

For compliance with MRL and dietary risk assessment for animal commodities: Sum of metconazole (cis and trans-isomer) and metabolites (1SR,2SR,5RS)-5-(4-chlorobenzyl)-2-(hydroxymethyl)-2-methyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol (M1; free and conjugated) and (1RS,2SR,3RS)-3-(4-chlorobenzyl)-2-hydroxy-1-methyl-2-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanecarboxylic acid (M12; free and conjugated), expressed as metconazole.

The residue is not fat-soluble

Note: Triazole alanine and Triazole acetic

ADI: 0–1 mg/kg bw

ARfD: Unnecessary

1,2,4-triazole

ADI: 0–0.2 mg/kg bw

ARfD: 0.3 mg/kg bw

Commodity			MRL (mg/kg)		Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR		
Code	Name													
FI	0327	Banana	0.1	(*)			CXL	2019	52		2021			
AS	0640	Barley, hay and/or straw	25	(dw)			CXL	2019	52		2021			
VP	0061	Beans with pods (Phaseolus spp.) (immature pods and succulent seeds)	0.05	(*)			CXL	2019	52		2021			
FB	0020	Blueberries	0.5				CXL	2019	52		2021			
FS	0013	Cherries (subgroup)	0.3				CXL	2019	52		2021			
AB	1204	Cotton gin trash	10	(dw)			CXL	2019	52		2021			
SO	0691	Cotton seed	0.3				CXL	2019	52		2021			
VD	2065	Dry beans (subgroup)	0.04	(*)		Except soya beans.	CXL	2019	52		2021			
VD	2066	Dry peas					(subgroup)		0.15		CXL	2019	52	2021
MO	0105	Edible offal (mammalian)	0.04	(*)			CXL	2019	52		2021			
PE	0112	Eggs	0.04	(*)			CXL	2019	52		2021			
VA	0381	Garlic	0.05	(*)			CXL	2019	52		2021			
GC	0645	Maize	0.015				CXL	2019	52		2021			
AS	0645	Maize fodder (dry)	7	(dw)			CXL	2019	52		2021			
MF	0100	Mammalian fats (except milk fats)	0.04	(*)			CXL	2019	52		2021			

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)	0.04 (*)			CXL	2019	52		2021	
ML 0106	Milks	0.04 (*)			CXL	2019	52		2021	
AS 0647	Oat straw and fodder, dry	25 (dw)			CXL	2019	52		2021	
VA 0385	Onion, bulb	0.05 (*)			CXL	2019	52		2021	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.2			CXL	2019	52		2021	
SO 0697	Peanut	0.04 (*)			CXL	2019	52		2021	
OR 0697	Peanut oil, edible	0.06			CXL	2019	52		2021	
FS 0014	Plums (including fresh prunes) (subgroup)	0.1			CXL	2019	52		2021	
PF 0111	Poultry fats	0.04 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.04 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.04 (*)			CXL	2019	52		2021	
DF 0014	Prunes	0.5			CXL	2019	52		2021	
SO 0495	Rape seed	0.15			CXL	2019	52		2021	
OR 0495	Rape seed oil, edible	0.5			CXL	2019	52		2021	
AS 0650	Rye straw and fodder, dry	25 (dw)			CXL	2019	52		2021	
VD 0541	Soya bean (dry)	0.04			CXL	2019	52		2021	
AL 3354	Soya bean hay	8 (dw)			CXL	2019	52		2021	
VR 0596	Sugar beet	0.07			CXL	2019	52		2021	
GS 0659	Sugar cane	0.06			CXL	2019	52		2021	
SO 2091	Sunflower seeds (subgroup)	1.5			CXL	2019	52		2021	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.015			CXL	2019	52		2021	
TN 0085	Tree nuts (group)	0.04 (*)			CXL	2019	52		2021	
GC 0653	Triticale	0.15			CXL	2021	53		2023	
AS 0653	Triticale, hay and/or straw	25 (dw)			CXL	2019	52		2021	
VR 2071	Tuberous and corm vegetables (subgroup)	0.04 (*)			CXL	2019	52		2021	
GC 0654	Wheat	0.15			CXL	2021	53		2022	
CM 0654	Wheat bran, unprocessed	0.3			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	25 (dw)			CXL	2019	52		2021	

314 Pyflubumide

Main Uses: Acaricide

JMPR:

ADI: 0–0.007 mg/kg bw 2019

Acute RfD: 0.008 mg/kg bw (2019)

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

For estimation of dietary risk assessment for plant commodities: Sum of pyflubumide and 3'-isobutyl-1,3,5-trimethyl-4'-[2,2,2-trifluoro-1-methoxy-1-(trifluoromethyl)ethyl]pyrazole-4-carboxanilide, expressed as pyflubumide.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 4095	Acerola				CXL					
GC 4597	Acha				CXL					

315 Pyridate

Main Uses: Herbicide

JMPR:

ADI: 0–0.2 mg/kg bw

Acute RfD: 2 mg/kg bw (2019)

Residue: For compliance with the MRL for plant and animal commodities: Sum of pyridate and 6-chloro-4-hydroxy-3-phenylpyridazine (pyridafol) (incl. conjugates), expressed as pyridate.

JMPR (2022) was unable to reach a conclusion on the residue definitions for dietary risk assessment for plant and animal commodities.

The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT	4095 Acerola					CXL				

316 Pyrifluquinazon

Main Uses: Insecticide

JMPR:

ADI: 0–0.005 mg/kg bw

Acute RfD: 1 mg/kg bw (2019)

Residue: Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: Sum of pyrifluquinazon and 1,2,3,4-tetrahydro-3-[(3-pyridylmethyl)amino]-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]quinazolin-2-one (IV-01) expressed as pyrifluquinazon.

Definition of the residue for compliance with the MRL for animal commodities:

Tissues: Sum of 1,2,3,4-tetrahydro-3-[(3-pyridylmethyl)amino]-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]quinazolin-2-one (IV-01) and 1,2,3,4-tetrahydro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]quinazolin-2,4-dione (IV-203) and their conjugates (expressed as pyrifluquinazon).

Milk: 1,2,3,4-tetrahydro-3-[3-(1-oxy-pyridylmethylene)amino]-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]quinazolin-2-one (IV-04) (expressed as pyrifluquinazon).

Definition of the residue for dietary risk assessment for animal commodities: A conclusion could not be reached.

The residue is not fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 4095	Acerola				CXL					

317 Triflumuron

Main Uses: Insecticide

JMPR:

ADI: 0–0.008 mg/kg bw

Acute RfD: Unnecessary (2019)

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

For dietary risk assessment for animal and plant commodities: A conclusion could not be reached. The residue is fat-soluble

Note: 4-trifluoromethoxyaniline (metabolite M07)

ADI: 0-0.02 mg/kg bw

ARfD: 0.02 mg/kg bw

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
MO 0105	Edible offal (mammalian)	0.05 (*)			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.1 (*)			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.1 (*) (fat)			CXL	2022	54		2023	
ML 0106	Milks	0.01 (*)			CXL	2022	54		2023	
VD 0541	Soya bean (dry)	0.1			CXL	2022	54		2023	

318 Valifenalate

Main Uses: Fungicide

JMPR:

ADI: 0-0.2 mg/kg bw

Acute RfD: Unnecessary (2019)

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

For dietary risk assessment for plant commodities: Valifenalate and 3-(4-chlorophenyl)-3-[[N-(isopropoxycarbonyl)-L-valyl]amino]propionic acid (valifenalate-acid), free and conjugated, expressed as valifenalate.

For dietary risk assessment for animal commodities: Valifenalate and 3-(4-chlorophenyl)-3-[[N-(isopropoxycarbonyl)-L-valyl]amino]propionic acid (valifenalate-acid), expressed as valifenalate.

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	2019	52		2021	
VO 0440	Eggplant	0.4			CXL	2019	52		2021	
PE 0112	Eggs	0.01 (*)			CXL	2019	52		2021	
FB 0269	Grapes	0.3			CXL	2019	52		2021	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2019	52		2021	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2019	52		2021	
ML 0106	Milks	0.01 (*)			CXL	2019	52		2021	
VA 0385	Onion, bulb	0.5			CXL	2019	52		2021	
PF 0111	Poultry fats	0.01 (*)			CXL	2019	52		2021	
PM 0110	Poultry meat	0.01 (*)			CXL	2019	52		2021	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2019	52		2021	
VA 0388	Shallot	0.5			CXL	2019	52		2021	
VO 0448	Tomato	0.4			CXL	2019	52		2021	

319 Flutianil

Main Uses: Fungicide

JMPR:

ADI: 0–0.8 mg/kg bw (2021)

Acute RfD: Unnecessary ()

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

For dietary risk assessment for plant commodities: Sum of flutianil and 2-fluoro-5- (trifluoromethyl)benzenesulfonic acid (OC 56635), expressed as flutianil.

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	0.15			CXL	2021	53		2022	
FS 0013	Cherries (subgroup)	0.4			CXL	2021	53		2022	
FB 2008	Small fruit vine climbing (subgroup)	0.7			CXL	2021	53		2022	

320 Mefentrifluconazole

Main Uses: Fungicide

JMPR:

ADI: 0–0.04 mg/kg bw (2021)

Acute RfD: 0.3 mg/kg bw ((2021))

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Mefentrifluconazole.

For compliance with the MRL for animal commodities: Mefentrifluconazole (free and conjugated).

For dietary risk assessment for animal commodities: Sum of mefentrifluconazole (free and conjugated) + 2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]propane-1,2-diol (M750F022), free and conjugated, expressed as m]efentrifluconazole equivalents. The molecular weight conversion factor to express M750F022 in mefentrifluconazole equivalents = 1.15.

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	4			CXL	2022	54		2023	
AB 0226	Apple pomace, dried	15			CXL	2022	54		2023	
FI 0326	Avocado	1			CXL	2022	54		2023	
FI 0327	Banana	1.5			CXL	2022	54		2023	
GC 0640	Barley	3			CXL	2022	54		2023	
CM 3510	Barley bran, unprocessed	15			CXL	2022	54		2023	
CF 3511	Barley, flour	15			CXL	2022	54		2023	
VP 2060	Beans with pods (subgroup)	0.05		Succulent seeds in pods (except soya bean).	CXL	2022	54		2023	
VA 2031	Bulb onions (subgroup)	0.2			CXL	2022	54		2023	
FB 2006	Bush berries (subgroup)	5			CXL	2022	54		2023	
FB 2005	Cane berries (subgroup)	3			CXL	2022	54		2023	
FS 0013	Cherries (subgroup)	5			CXL	2022	54		2023	
OR 0001	Citrus oil, edible	70			CXL	2022	54		2023	
SB 0716	Coffee beans	0.4			CXL	2022	54		2023	
SO 0691	Cotton seed	0.2			CXL	2022	54		2023	
AS 3564	Dried distiller's grain from barley	8			CXL	2022	54		2023	
VD 2065	Dry beans (subgroup)	0.07		Except soya bean (dry). (subgroup)	CXL	2022	54		2023	
VD 2066	Dry peas				0.15	Except lentil (dry).			CXL	2022 54 2023
MO 0105	Edible offal (mammalian)	2			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 2046	Eggplants (subgroup)	1.5			CXL	2022	54		2023	
PE 0112	Eggs	0.04			CXL	2022	54		2023	
FB 0267	Elderberries	5			CXL	2022	54		2023	
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.15			CXL	2022	54		2023	
VC 2040	Fruiting vegetables, cucurbits - melons, pumpkins and winter squashes (subgroup)	0.5			CXL	2022	54		2023	
AB 0269	Grape pomace, dried	9			CXL	2022	54		2023	
VA 2032	Green onions (subgroup)	4			CXL	2022	54		2023	
FB 2254	Guelder rose	5			CXL	2022	54		2023	
FC 0002	Lemons and limes (including citron) (subgroup)	1.5			CXL	2022	54		2023	
VD 0533	Lentil (dry)	1.5			CXL	2022	54		2023	
VL 0482	Lettuce, head	5			CXL	2023	55		2024	
FB 2009	Low growing berries (subgroup)	2			CXL	2022	54		2023	
GC 0645	Maize	0.01	(*)		CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	1.5			CXL	2022	54		2023	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	1.5			CXL	2022	54		2023	
FI 0345	Mango	0.6			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.15	(fat)		CXL	2022	54		2023	
ML 0106	Milks	0.1			CXL	2022	54		2023	
GC 0646	Millet	2			CXL	2022	54		2023	
GC 0647	Oats	3			CXL	2022	54		2023	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	1			CXL	2022	54		2023	
FI 0350	Papaya	0.5			CXL	2022	54		2023	
AL 0072	Pea, hay and/or straw	30	(dw)		CXL	2022	54		2023	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	2			CXL	2022	54		2023	
SO 0697	Peanut	0.01	(*)		CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AL 0697	Peanut, hay and/or straw	40 (dw)			CXL	2022	54		2023	
VP 2061	Peas with pods (subgroup)	0.15			CXL	2022	54		2023	
VO 0051	Peppers (subgroup)	1.5		MRL provisionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	15			CXL	2022	54		2023	
FS 0014	Plums (including fresh prunes) (subgroup)	1.5			CXL	2022	54		2023	
FP 0009	Pome fruits (group)	1.5		Except Japanese persimmon	CXL	2022	54		2023	
GC 0656	Popcorn	0.01 (*)			CXL	2022	54		2023	
PF 0111	Poultry fats	0.2			CXL	2022	54		2023	
PM 0110	Poultry meat	0.03 (fat)			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.7			CXL	2022	54		2023	
DF 0014	Prunes	7			CXL	2022	54		2023	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.5			CXL	2022	54		2023	
GC 0649	Rice	5			CXL	2022	54		2023	
CM 0649	Rice, husked	1.5			CXL	2022	54		2023	
VR 2070	Root vegetables (subgroup)	0.5		Except sugar beet.	CXL	2022	54		2023	
GC 0650	Rye	0.4			CXL	2022	54		2023	
SO 2090	Small seed oilseeds (subgroup)	1			CXL	2022	54		2023	
GC 0651	Sorghum grain	2			CXL	2022	54		2023	
VD 0541	Soya bean (dry)	0.4			CXL	2022	54		2023	
AL 0541	Soya bean, hay and/or straw	20 (dw)			CXL	2022	54		2023	
AS 0081	Straw and hay of cereal grains (excluding pseudocereals) (subgroup)	50 (dw)			CXL	2022	54		2023	
VP 2062	Succulent beans without pods (subgroup)	0.03		Succulent seeds (except soya bean).	CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VP 2063	Succulent peas without pods (subgroup)	0.01 (*)			CXL	2022	54		2023	
GS 0659	Sugar cane	1.5			CXL	2022	54		2023	
SO 2091	Sunflower seeds (subgroup)	0.15			CXL	2022	54		2023	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.04			CXL	2022	54		2023	
DV 0448	Tomato, dried	7			CXL	2022	54		2023	
VO 2045	Tomatoes (subgroup)	0.7			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.06			CXL	2022	54		2023	
GC 0653	Triticale	0.4			CXL	2022	54		2023	
VR 2071	Tuberous and corm vegetables (subgroup)	0.05			CXL	2022	54		2023	
GC 0654	Wheat	0.4			CXL	2022	54		2023	
CF 3521	Wheat aspirated grain fractions	16			CXL	2022	54		2023	
CM 0654	Wheat bran, unprocessed	1.5			CXL	2022	54		2023	
CF 1210	Wheat germ	0.5			CXL	2022	54		2023	
CF 3515	Wheat, shorts (cereal grain milling by-product)	1.5			CXL	2022	54		2023	
FB 1236	Wine-grapes	2			CXL	2022	54		2023	

321 Pyrasulfotole

Main Uses: Herbicide

JMPR:

ADI: 0–0.01 mg/kg bw

Acute RfD: Unnecessary ()

Residue: For compliance with the MRL and for dietary risk assessment for plant commodities: Sum of pyrasulfotole and desmethyl-pyrasulfotole and its conjugates, expressed as pyrasulfotole.

For compliance with the MRL and for dietary risk assessment for animal commodities: Sum of pyrasulfotole and desmethyl-pyrasulfotole, expressed as pyrasulfotole.

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	0.03			CXL	2021	53		2022	
AS 0640	Barley, hay and/or straw	0.8 (dw)			CXL	2021	53		2022	
MO 0105	Edible offal (mammalian)	0.5			CXL	2021	53		2022	
PE 0112	Eggs	0.02 (*)			CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2021	53		2022	
ML 0106	Milks	0.01 (*)			CXL	2021	52		2022	
AS 3559	Oat, hay and/or straw	0.8 (dw)			CXL	2021	53		2022	
GC 0647	Oats	0.15			CXL	2021	53		2022	
PF 0111	Poultry fats	0.02 (*)			CXL	2021	53		2022	
PM 0110	Poultry meat	0.02 (*)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.05			CXL	2021	53		2022	
GC 0650	Rye	0.02 (*)			CXL	2021	53		2022	
AS 3560	Rye, hay and/or straw	0.8 (dw)			CXL	2021	53		2022	
GC 0651	Sorghum grain	0.5			CXL	2021	53		2022	
GC 0653	Triticale	0.02 (*)			CXL	2021	53		2022	
AS 0653	Triticale, hay and/or straw	0.8 (dw)			CXL	2021	53		2022	
GC 0654	Wheat	0.02 (*)			CXL	2021	53		2022	
CM 0654	Wheat bran, unprocessed	0.03			CXL	2021	53		2022	
AS 0654	Wheat, hay and/or straw	0.8 (dw)			CXL	2021	53		2022	

322 Pyraziflumid

Main Uses: Fungicide

JMPR:

ADI: 0–0.02 mg/kg bw (2021)

Acute RfD: 2 mg/kg bw ((2021))

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

For dietary risk assessment for plant commodities: Pyraziflumid.

For compliance with the MRL for animal commodities: Pyraziflumid and its pyraziflumid-4'-OH metabolite (free), expressed as pyraziflumid.

Definition of the residue for dietary risk assessment for animal commodities: Pyraziflumid and its pyraziflumid-4'-OH metabolite (free and conjugated), expressed as pyraziflumid.

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	1.5			CXL	2021	53		2022	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	6			CXL	2021	53		2022	
FB 0269	Grapes	3			CXL	2021	53		2022	
FP 0230	Pear	1.5			CXL	2021	53		2022	
FP 0307	Persimmon, Japanese	1.5			CXL	2021	53		2022	

323 Spiropidion

Main Uses: Insecticide

JMPR:

ADI: 0–0.02 mg/kg bw (2021)

Acute RfD: 0.3 mg/kg bw ((2021))

Residue: For compliance with the MRL for plant commodities: Sum of spiropidion and spiropidion-enol (SYN547305) expressed as spiropidion.

For dietary risk assessment for plant commodities: Sum of spiropidion, spiropidion-enol (SYN547305), 3-(4-chloro-2,6-dimethyl-phenyl)-4-hydroxy-8-methoxy-1,8- diazaspiro[4.5]dec-3-en-2-one (SYN547435) and 3-(4-chloro-2,6-dimethyl-phenyl)-4-hydroxy-1- methyl-1,8-diazaspiro[4.5]dec-3-en-2-one (SYN548430), expressed as spiropidion.

For compliance with the MRL for animal commodities: spiropidion-enol (SYN547305) expressed as spiropidion.

Definition of the residue for dietary risk assessment for animal commodities: Free and conjugated spiropidion-enol (SYN547305) expressed as spiropidion.
The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VC 0424	Cucumber	0.8			CXL	2021	53		2022	
MO 0105	Edible offal (mammalian)	0.2			CXL	2021	53		2022	
PE 0112	Eggs	0.012 (*)			CXL	2021	53		2022	
MF 0100	Mammalian fats (except milk fats)	0.025			CXL	2021	53		2022	
MM 0095	Meat (from mammals other than marine mammals)	0.012 (*)			CXL	2021	53		2022	
VC 0046	Melons (except watermelon)	0.9			CXL	2021	53		2022	
ML 0106	Milks	0.012 (*)			CXL	2021	53		2022	
VO 0051	Peppers (subgroup)	1		MRL provisionally applies to okra, martynia, and roselle.	CXL	2021	53		2022	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	7			CXL	2021	53		2022	
VR 0589	Potato	1.5			CXL	2021	53		2022	
DV 0589	Potato, flakes/granules	5			CXL	2021	53		2022	
PF 0111	Poultry fats	0.012 (*)			CXL	2021	53		2022	
PM 0110	Poultry meat	0.012 (*)			CXL	2021	53		2022	
PO 0111	Poultry, edible offal of	0.012 (*)			CXL	2021	53		2022	
VC 0429	Pumpkins	0.9			CXL	2021	53		2022	
VD 0541	Soya bean (dry)	3			CXL	2021	53		2022	
AL 3539	Soya bean, meal	5			CXL	2021	53		2022	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
DM 0541	Soya flour	5			CXL	2021	53		2022	
VO 0448	Tomato	0.8			CXL	2021	53		2022	
DV 0448	Tomato, dried	7			CXL	2021	53		2022	
DM 0448	Tomato, puree	1.5			CXL	2021	53		2022	
VC 0432	Watermelon	0.9			CXL	2021	53		2022	
VC 0433	Winter squash	0.9			CXL	2021	53		2022	

324 Tetraniliprole

Main Uses: Insecticide

JMPR:

ADI: 0–2 mg/kg bw (2021)

Acute RfD: Unnecessary ((2021))

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

For dietary risk assessment for plant commodities: Tetraniliprole + tetraniliprole-N-methyl- quinazolinone, expressed as tetraniliprole.

For compliance with the MRL for animal commodities: Tetraniliprole.

For dietary risk assessment for animal commodities: Tetraniliprole + tetraniliprole-N-methyl- quinazolinone + tetraniliprole-benzylalcohol, expressed as tetraniliprole.

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	4 (dw)			CXL	2022	54		2023	
AS 0640	Barley, hay and/or straw	0.06 (dw)			3	2024	56			
GC 2087	Barley, similar grains, and pseudocereals with husks (subgroup)	0.01 (*)			3	2024	56			
VB 0041	Cabbages, head	2			CXL	2022	54		2023	
AS 3304	Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay and/or straw) (subgroup)	0.2 (dw)		Except rice, maize/field corn, and sweet corn.	CXL	2022	54		2023	
FS 0013	Cherries (subgroup)	1.5			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	1			CXL	2022	54		2023	
PE 0112	Eggs	0.01 (*)			CXL	2022	54		2023	
VB 0042	Flowerhead brassicas (subgroup)	0.5			CXL	2022	54		2023	
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.4		MRL provisionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	2			CXL	2022	54		2023	
PF 0111	Group of avian fats	0.01 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.01 (*)			3	2024	56			

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
PO 0111	Group of avian, edible offal of	0.01 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	1			3	2024	56			
PE 0112	Group of eggs	0.01 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.15			3	2024	56			
ML 0106	Group of milks	0.15			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.07			3	2024	56			
VL 0054	Leaves of Brassicaceae (subgroup)	15			CXL	2022	54		2023	
AL 3301	Legume feeds with low water (<20%) content (hay) (subgroup)	0.3 (dw)			CXL	2022	54		2023	
FC 0002	Lemons and limes (including citron) (subgroup)	1.5			CXL	2022	54		2023	
GC 2091	Maize cereals (subgroup)	0.015			CXL	2022	54		2023	
AS 3558	Maize, stover	30 (dw)			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.15			CXL	2022	54		2023	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	1.5			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.1			CXL	2022	54		2023	
ML 0106	Milks	0.15			CXL	2022	54		2023	
OR 0004	Orange oil, edible	5			CXL	2022	54		2023	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.5			CXL	2022	54		2023	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.7			CXL	2022	54		2023	
HS 0444	Peppers chili, dried	4			CXL	2022	54		2023	
FS 0014	Plums (including fresh prunes) (subgroup)	0.3			CXL	2022	54		2023	
FP 0009	Pome fruits (group)	0.4		Except Japanese persimmon.	CXL	2022	54		2023	
PF 0111	Poultry fats	0.01 (*)			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM 0110	Poultry meat	0.01 (*)			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2022	54		2023	
DF 0014	Prunes	1.5			CXL	2022	54		2023	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.9			CXL	2022	54		2023	
GC 2088	Rice cereals (subgroup)	0.02			CXL	2022	54		2023	
GC 2088	Rice cereals (subgroup)	0.5			3	2024	56			
AS 0649	Rice, hay and/or straw	20 (dw)			CXL	2022	54		2023	
AS 0649	Rice, hay and/or straw	9 (dw)			3	2024	56			
CM 0649	Rice, husked	0.01 (*)			CXL	2022	54		2023	
CM 0649	Rice, husked	0.03			3	2024	56			
CM 1205	Rice, polished	0.01 (*)			CXL	2022	54		2023	
FB 2008	Small fruit vine climbing (subgroup)	1.5			CXL	2022	54		2023	
VD 0541	Soya bean (dry)	0.2			CXL	2022	54		2023	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2022	54		2023	
DM 3526	Tomato paste	1.5			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.03			CXL	2022	54		2023	
VR 2071	Tuberous and corm vegetables (subgroup)	0.02			CXL	2022	54		2023	
AS 0654	Wheat, hay and/or straw	0.08 (dw)			3	2024	56			
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.01 (*)			3	2024	56			

325 Benzpyrimoxan

Main Uses: Insecticide

JMPR:

ADI: 0–0.1 mg/kg bw (2022)

Acute RfD: Unnecessary ((2022))

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

For dietary risk assessment for plant commodities: Sum of benzpyrimoxan and benzpyrimoxan-2-OH, expressed as benzpyrimoxan.

For compliance with the MRL and dietary risk assessment for animal commodities: Sum of benzpyrimoxan, benzpyrimoxan-acid and benzpyrimoxan-acid-2-OH, expressed as benzpyrimoxan.

The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FT 4095	Acerola				CXL					

326 Broflanilide

Main Uses: Insecticide

JMPR:

ADI: 0–0.02 mg/kg bw (2022)

Acute RfD: Unnecessary ((2022))

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Broflanilide.

For compliance with the MRL and dietary risk assessment for animal commodities: Sum of broflanilide plus 3-benzamido-N-[2-bromo-4-(perfluoropropan-2-yl)-6-(trifluoromethyl)phenyl]-2-fluorobenzamide (DM-8007), expressed as broflanilide.

The residue is fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VB 0041	Cabbages, head	2			CXL	2022	54		2023	
GC 0080	Cereal grains (group)	0.001		Except rice.	CXL	2022	54		2023	
AS 3304	Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay and/or straw) (subgroup)	0.01 (dw)		Except rice feed products.	CXL	2022	54		2023	
VB 0467	Chinese cabbage (type pe-tsai)	2			CXL	2022	55		2024	
SB 0716	Coffee beans	0.01			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.03			CXL	2022	54		2023	
PE 0112	Eggs	0.03			CXL	2022	54		2023	
CF 1255	Maize flour	0.002			CXL	2022	54		2023	
AS 3569	Maize, bran	0.002			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.15			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.15 (fat)			CXL	2022	54		2023	
FM 0183	Milk fats	0.4			CXL	2022	54		2023	
ML 0106	Milks	0.015			CXL	2022	54		2023	
PF 0111	Poultry fats	0.15			CXL	2022	54		2023	
PM 0110	Poultry meat	0.02		(*)	CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.03			CXL	2022	54		2023	
VR 0591	Radish, Japanese	0.01			CXL	2022	54		2023	
VR 2071	Tuberous and corm vegetables (subgroup)	0.04			CXL	2022	54		2023	
CF 1210	Wheat germ	0.002			CXL	2022	54		2023	

327 Fluazaindolizine

Main Uses: Nematocide

JMPR:

ADI: 0–0.3 mg/kg bw (2022)

Acute RfD: 1 mg/kg bw ((2022))

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

For dietary risk assessment for plant commodities: Fluazaindolizine, and free and conjugated forms of the following compounds: 2-chloro-5-hydroxybenzenesulfonamide (IN- A5760), 2-chloro-5-methoxybenzenesulfonamide (IN-F4106), 8-chloro-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxylic acid (IN-QEK31), 3-[[[(2-chloro-5-methoxyphenyl)sulfonyl]amino]-L-alanine (IN-QZY47), 8-chloro-N-[(2-chloro-5- hydroxyphenyl)sulfonyl]-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxamide (IN-REG72), 8-chloro-6- (trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxamide (IN-RYC33) and 3-[[[(2-chloro-5-methoxyphenyl)sulfonyl]amino]-(2R)- hydroxypropanoic acid (IN-TMQ01) (expressed as fluazaindolizine). This can be implemented by taking the maximum of the sum of compounds containing the imidazopyridine ring and hydrolysed using acid to IN-A5760, IN-F4106, IN-QZY47 and IN-TMQ01 (expressed as fluazaindolizine) OR compounds containing the phenyl ring and hydrolysed to 8-chloro-6- (trifluoromethyl)imidazo[1,2-a]pyridine-2-carboxylic acid (IN-QEK31) (expressed as fluazaindolizine).

For dietary risk assessment for animal commodities: Sum of fluazaindolizine, 2-chloro-5- hydroxybenzenesulfonamide (IN-A5760), 2-chloro-5-methoxybenzenesulfonamide (IN-F4106), and 3-[[[(2-chloro-5- methoxyphenyl)sulfonyl]amino]-(2R)-hydroxypropanoic acid (IN-TMQ01) (expressed as fluazaindolizine).

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 vegetables (except Brassica leafy vegetables) (group)	0.02			CXL	2022	54		2023	
VA 0035	Bulb vegetables (group)	0.04			CXL	2022	54		2023	
VR 0577	Carrot	0.4			CXL	2022	54		2023	
GC 0080	Cereal grains (group)	0.03			CXL	2022	54		2023	
AS 3304	Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay and/or straw) (subgroup)	0.09 (dw)			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.01			CXL	2022	54		2023	
VO 2046	Eggplants (subgroup)	0.15			CXL	2022	54		2023	
PE 0112	Eggs	0.01 (*)			CXL	2022	54		2023	
VC 2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.15			CXL	2022	54		2023	
VC 2040	Fruiting vegetables, cucurbits – melons, pumpkins and winter squashes (subgroup)	0.1			CXL	2022	54		2023	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VL 0053	Leafy vegetables (group)	0.04			CXL	2022	54		2023	
AL 3301	Legume feeds with low water (<20%) content (hay) (subgroup)	0.17 (dw)			CXL	2022	54		2023	
VP 0060	Legume vegetables (group)	0.04			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2022	54		2023	
FM 0183	Milk fats	0.01 (*)			CXL	2022	54		2023	
ML 0106	Milks	0.01 (*)			CXL	2022	54		2023	
SO 0088	Oilseeds and oilfruits (group)	0.04			CXL	2022	54		2023	
VO 0051	Peppers (subgroup)	0.03		MRL exceptionally applies to okra, martynia, and roselle.	CXL	2022	54		2023	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, martynia, and roselle.
HS 0444	Peppers chili, dried	0.3			CXL	2022	54		2023	
PF 0111	Poultry fats	0.01 (*)			CXL	2022	54		2023	
PM 0110	Poultry meat	0.01 (*)			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.02			CXL	2022	54		2023	
VD 0070	Pulses (group)	0.09			CXL	2022	54		2023	
AM 3583	Rape seed, hay and/or straw	0.05 (dw)			CXL	2022	54		2023	
VR 2070	Root vegetables (subgroup)	0.04		Except carrot.	CXL	2022	54		2023	
VS 0078	Stalk and stem vegetables	0.04			CXL	2022	54		2023	
FB 0275	Strawberry	0.015			CXL	2022	54		2023	
DV 0448	Tomato, dried	0.5			CXL	2022	54		2023	
VO 2045	Tomatoes (subgroup)	0.15			CXL	2022	54		2023	
VR 2071	Tuberous and corm vegetables (subgroup)	0.2			CXL	2022	54		2023	

328 Fluindapyr

Main Uses: Fungicide

JMPR:

ADI: 0–0.04 mg/kg bw (2022)

Acute RfD: 0.6 mg/kg bw ((2022))

Residue: For compliance with the MRL assessment for plant commodities: Fluindapyr.

For compliance with the MRL assessment for animal commodities: Fluindapyr.

For dietary risk assessment for plant commodities: Sum of fluindapyr and 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1-methyl-1H-pyrazole-4-carboxamide (1-OH-Met-fluindapyr) and its conjugates, expressed as parent.

Definition of the residue for dietary risk assessment for animal commodities: Sum of fluindapyr, 4-(3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamido)-7-fluoro-1,3-dimethyl-2,3-dihydro-1H-indene-1-carboxylic acid (1-COOH-fluindapyr), 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1-methyl-1H-pyrazole-4-carboxamide (1-OH-Met-fluindapyr), 3-(difluoromethyl)-N-[7-fluoro-1-(hydroxymethyl)-1,3-dimethyl-2,3-dihydro-1H-inden-4-yl]-1H-pyrazole-4-carboxamide (1-OH-Met-N-DesMet-fluindapyr) and their conjugates, and 3-(difluoromethyl)-N-(7-fluoro-1,1,3-trimethyl-2,3-dihydro-1H-inden-4-yl)-1H-pyrazole-4-carboxamide (N-DesMet-fluindapyr), expressed as fluindapyr.

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	20 (dw)			CXL	2022	54		2023	
GC 2091	Maize cereals (subgroup)	0.01 (*)			CXL	2022	54		2023	
AS 3558	Maize, stover	5 (dw)			CXL	2022	54		2023	
GC 2089	Sorghum grain and millet (subgroup)	1			CXL	2022	54		2023	
AS 3561	Sorghum, stover	3 (dw)			CXL	2022	54		2023	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2022	54		2023	
AS 3563	Sweet corn, stover	30 (dw)			CXL	2022	54		2023	
TN 0085	Tree nuts (group)	0.04			CXL	2022	54		2023	
AS 0654	Wheat, hay and/or straw	15 (dw)			CXL	2022	54		2023	
GC 2086	Wheat, similar grains, and pseudocereals without husks (subgroup)	0.4			CXL	2022	54		2023	

329 Inpyrfluxam

Main Uses: Fungicide

JMPR:

ADI: 0–0.06 mg/kg bw (2022)

Acute RfD: 0.3 mg/kg bw ((2022))

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

For dietary risk assessment for plant commodities: Inpyrfluxam.

For compliance with the MRL and dietary risk assessment for animal commodities: Inpyrfluxam and 1'-CH₂OH-S-2840 (free or conjugated) expressed as inpyrfluxam.

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	4			CXL	2022	54		2023	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2022	54		2023	
PE 0112	Eggs	0.02 (*)			CXL	2022	54		2023	
GC 0645	Maize	0.01 (*)			CXL	2022	54		2023	
AS 3558	Maize, stover	0.02 (*)			CXL	2022	54		2023	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2022	54		2023	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2022	54		2023	
ML 0106	Milks	0.02 (*)			CXL	2022	54		2023	
SO 0697	Peanut	0.01 (*)			CXL	2022	54		2023	
AL 0697	Peanut, hay and/or straw	3			CXL	2022	54		2023	
GC 0656	Popcorn	0.01 (*)			CXL	2022	54		2023	
PF 0111	Poultry fats	0.02 (*)			CXL	2022	54		2023	
PM 0110	Poultry meat	0.02 (*)			CXL	2022	54		2023	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2022	54		2023	
CM 0649	Rice, husked	0.01 (*)			CXL	2022	54		2023	
VD 4521	Soybean (dry)	0.01 (*)			CXL	2022	54		2023	
VR 0596	Sugar beet	0.01 (*)			CXL	2022	54		2023	
GC 0447	Sweet corn (corn on the cob) (kernels plus cob with husk removed)	0.01 (*)			CXL	2022	54		2023	

330 Isoflucypram

Main Uses: Fungicide

JMPR:

ADI: 0–0.06 mg/kg bw (2022)

Acute RfD: Unnecessary ((2022))

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

Definition of the residue for dietary risk assessment for plant and animal commodities: A conclusion could not be reached.

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	0.1			CXL	2023	55		2024	
CM 3510	Barley bran, unprocessed	0.05			CXL	2023	55		2024	
CF 3511	Barley, flour	0.02			CXL	2023	55		2024	
AS 0640	Barley, hay and/or straw	5			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.01 (*)			CXL	2023	55		2024	
PE 0112	Eggs	0.01 (*)			CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2023	55		2024	
FM 0183	Milk fats	0.005 (*)			CXL	2023	55		2024	
ML 0106	Milks	0.005 (*)			CXL	2023	55		2024	
PF 0111	Poultry fats	0.01 (*)			CXL	2023	55		2024	
PM 0110	Poultry meat	0.01 (*)			CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2023	55		2024	
GC 0653	Triticale	0.05			CXL	2023	55		2024	
AS 0653	Triticale, hay and/or straw	5			CXL	2023	55		2024	
GC 0654	Wheat	0.05			CXL	2023	55		2024	
CM 0654	Wheat bran, unprocessed	0.015			CXL	2023	55		2024	
CF 1210	Wheat germ	0.015			CXL	2023	55		2024	
AS 0654	Wheat, hay and/or straw	5			CXL	2023	55		2024	

331 1,4-Dimethylnaphthalene

Main Uses: Plant growth regulator

JMPR:

ADI: 0-0.3 mg/kg bw (2023)

Acute RfD: Unnecessary ((2023))

Residue: For compliance with the MRL for plant commodities: 1,4-dimethylnaphthalene.

For dietary risk assessment for plant commodities: Sum of 1,4-dimethylnaphthalene and metabolite 1-hydroxymethyl-4-methylnaphthalene (M21), expressed as 1,4-dimethylnaphthalene.

For compliance with the MRL for animal commodities, except milk: Sum of 1,4-dimethylnaphthalene and metabolite 4-methyl-1-naphthoic acid (M23), expressed as 1,4-dimethylnaphthalene.

The residue in animal commodities except milk is fat-soluble.

Definition of the residue for compliance with the MRL for milk: Glycine conjugate of 4-methyl-1-naphthoic acid (M02).

The residue definition in milk is not fat-soluble.

Definition of the residue for dietary risk assessment for animal commodities: Sum of 1,4-dimethylnaphthalene, metabolite 4-methyl-1-naphthoic acid (M23), and its glycine conjugate 4-methyl-1-naphthoic acid (M02) expressed as 1,4-dimethylnaphthalene.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
MO 0105	Edible offal (mammalian)	0.5			CXL	2023	55		2024	
PE 0112	Eggs	0.03			CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.03			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.03	(fat)		CXL	2023	55		2024	
ML 0106	Milks	0.03			CXL	2023	55		2024	
VR 0589	Potato	15	Po		CXL	2023	55		2024	
PF 0111	Poultry fats	0.3			CXL	2023	55		2024	
PM 0110	Poultry meat	0.3	(fat)		CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.2			CXL	2023	55		2024	

332 Florylpicoxamid

Main Uses: Fungicide

JMPR:

ADI: 0-0.1 mg/kg bw (2023)

Acute RfD: Unnecessary ((2023))

Residue: For compliance with the MRL and dietary exposure for plant commodities: Sum of florylpicoxamid and X12485649 expressed as florylpicoxamid.

For compliance with the MRL and dietary exposure for animal commodities: Sum of florylpicoxamid and X12485649 expressed as florylpicoxamid.

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	0.4			CXL	2023	55		2024	
MO	0105	Edible offal (mammalian)	0.09			CXL	2023	55		2024	
VO	2046	Eggplants (subgroup)	0.9			CXL	2023	55		2024	
PE	0112	Eggs	0.02 (*)			CXL	2023	55		2024	
VC	2039	Fruiting vegetables, cucurbits - cucumbers and summer squashes (subgroup)	0.3			CXL	2023	55		2024	
VC	2040	Fruiting vegetables, cucurbits - melons, pumpkins and winter squashes (subgroup)	0.4			CXL	2023	55		2024	
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	7			CXL	2023	55		2024	
FB	0269	Grapes	3			CXL	2023	55		2024	
VD	0533	Lentil (dry)	0.02 (*)			CXL	2023	55		2024	
MF	0100	Mammalian fats (except milk fats)	0.15			CXL	2023	55		2024	
FI	0345	Mango	0.5			CXL	2023	55		2024	
MM	0095	Meat (from mammals other than marine mammals)	0.15			CXL	2023	55		2024	
ML	0106	Milks	0.03			CXL	2023	55		2024	
VO	0444	Peppers chili	0.8			CXL	2023	55		2024	
HS	0444	Peppers chili, dried	8			CXL	2023	55		2024	
VO	0445	Peppers, sweet (including pimento or pimienta)	0.8			CXL	2023	55		2024	
PF	0111	Poultry fats	0.02 (*)			CXL	2023	55		2024	
PM	0110	Poultry meat	0.02 (*)			CXL	2023	55		2024	
PO	0111	Poultry, edible offal of	0.02 (*)			CXL	2023			2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
SO 0495	Rape seed	0.15			CXL	2023	55		2024	
FB 0275	Strawberry	1.5			CXL	2023	55		2024	
VR 0596	Sugar beet	0.05			CXL	2023	55		2024	
DV 0448	Tomato, dried	6			CXL	2023	55		2024	
VO 2045	Tomatoes (subgroup)	0.9			CXL	2023	55		2024	
GC 0654	Wheat	0.03			CXL	2023	55		2024	
CM 0654	Wheat bran, unprocessed	0.07			CXL	2023	55		2024	
CF 3522	Wheat gluten meal	0.04			CXL	2023	55		2024	
AS 0654	Wheat, hay and/or straw	2 (dw)			CXL	2023	55		2024	

Main Uses: Miticide
JMPR:
ADI: 0-0.1 mg/kg bw (2024)
Acute RfD: Unnecessary ((2024))
Residue: Not concluded.

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

334 Isocycloseram

Main Uses: Insecticide

JMPR:

ADI: 0–0.02 mg/kg bw (2023)

Acute RfD: 0.5 mg/kg bw ((2023))

Residue: For compliance with the MRL for plant commodities and for dietary risk assessment for plant commodities: Isocycloseram.

For compliance with the MRL for animal commodities: Isocycloseram.

For dietary risk assessment for animal commodities: Sum of isocycloseram and metabolites N-[2-amino-1-(hydroxymethyl)-2-oxo-ethyl]-4-[5-(3,5-dichloro-4-fluoro-phenyl)-5-(trifluoromethyl)-4H-isoxazol-3-yl]-2-methyl-benzamide and 4-[5-(3,5-dichloro-4-fluoro-phenyl)-5-(trifluoromethyl)-4H-isoxazol-3-yl]-2-methyl-N-(3-oxoisoxazolidin-4-yl)benzamide (expressed as isocycloseram).

The residue is fat-soluble.

Note: ARfD = 0.08 mg/kg bw (women of child-bearing age)

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AB 1230	Apple pomace, wet	1			CXL	2023	55		2024	
VB 0400	Broccoli	0.7			CXL	2023	55		2024	
VB 0402	Brussels sprouts	2			CXL	2023	55		2024	
VB 0041	Cabbages, head	4			CXL	2023	55		2024	
VB 0404	Cauliflower	0.5			CXL	2023	55		2024	
FS 0013	Cherries (subgroup)	1			CXL	2023	55		2024	
OR 0001	Citrus oil, edible	80			CXL	2023	55		2024	
SB 0716	Coffee beans	0.04			CXL	2023	55		2024	
SO 0691	Cotton seed	0.5			CXL	2023	55		2024	
VC 0424	Cucumber	0.1			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.3			CXL	2023	55		2024	
VO 0440	Eggplant	0.3			CXL	2023	55		2024	
FC 0002	Lemons and limes (including citron) (subgroup)	0.5			CXL	2023	55		2024	
GC 0645	Maize	0.01		(*)	CXL	2023	55		2024	
AS 3558	Maize, stover	1.5			CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.4			CXL	2023	55		2024	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.4			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.02			CXL	2023	55		2024	

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VC 0046	Melons (except watermelon)	0.15			CXL	2023	55		2024	
ML 0106	Milks	0.05			CXL	2023	55		2024	
VA 0385	Onion, bulb	0.01 (*)			CXL	2023	55		2024	
AB 0004	Orange, dried pulp	3			CXL	2023	55		2024	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4			CXL	2023	55		2024	
FS 2001	Peaches (including apricots and nectarine) (subgroup)	0.3			CXL	2023	55		2024	
VO 0444	Peppers chili	0.6			CXL	2023	55		2024	
HS 0444	Peppers chili, dried	4.2			CXL	2023	55		2024	
VO 0445	Peppers, sweet (including pimento or pimienta)	0.3			CXL	2023	55		2024	
FS 0014	Plums (including fresh prunes) (subgroup)	0.4			CXL	2023	55		2024	
FP 0009	Pome fruits (group)	0.4			CXL	2023	55		2024	
VR 0589	Potato	0.01 (*)			CXL	2023	55		2024	
DF 0014	Prunes	1.5			CXL	2023	55		2024	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.3			CXL	2023	55		2024	
VD 0541	Soya bean (dry)	0.15			CXL	2023	55		2024	
AL 0541	Soya bean, hay and/or straw	20			CXL	2023	55		2024	
AL 3538	Soya bean, hulls	1			CXL	2023	55		2024	
VC 0431	Squash, summer	0.09			CXL	2023	55		2024	
VO 0448	Tomato	0.5			CXL	2023	55		2024	
DV 0448	Tomato, dried	2			CXL	2023	55		2024	
DM 3525	Tomato, pomace	8			CXL	2023	55		2024	

335 Isotianil

Main Uses: Fungicide

JMPR:

ADI: 0-0.05 mg/kg bw (2023)

Acute RfD: Unnecessary ((2023))

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

For compliance with the MRL for animal commodities and for dietary risk assessment for plant and animal commodities: Sum of isotianil and 3,4-dichloro-1,2-thiazole-5-carboxylic acid (DCIT-acid).

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	2023	55		2024	
OR 0001	Citrus oil, edible	40			CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.02 (*)			CXL	2023	55		2024	
PE 0112	Eggs	0.02 (*)			CXL	2023	55		2024	
FC 0002	Lemons and limes (including citron) (subgroup)	0.5			CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.02 (*)			CXL	2023	55		2024	
FC 0003	Mandarins (including mandarin-like hybrids) (subgroup)	0.4			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)			CXL	2023	55		2024	
ML 0106	Milks	0.02 (*)			CXL	2023	55		2024	
FC 0004	Oranges, sweet, sour (including Orange-like hybrids) (subgroup)	0.4			CXL	2023	55		2024	
PF 0111	Poultry fats	0.02 (*)			CXL	2023	55		2024	
PM 0110	Poultry meat	0.02 (*)			CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.02 (*)			CXL	2023	55		2024	
FC 0005	Pummelo and grapefruits (including Shaddock-like hybrids, among others Grapefruit) (subgroup)	0.2			CXL	2023	55		2024	

336 Mepiquat Chloride

Main Uses: Plant growth regulator

JMPR:

ADI: 0–0.3 mg/kg bw (2023)

Acute RfD: 0.6 mg/kg bw ((2023))

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

For dietary exposure assessment for plant commodities: Mepiquat cation.

For dietary exposure assessment for animal commodities: Mepiquat cation and 4-hydroxy-1,1-dimethylpiperidinium cation (4-hydroxymepiquat cation, free and conjugated), expressed as mepiquat cation.

The residue is not fat-soluble.

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
SO 0691	Cotton seed	4		Expressed as mepiquat cation	CXL	2023	55		2024	
AB 1203	Cotton seed, meal	8		Expressed as mepiquat cation	CXL	2023	55		2024	
MO 0105	Edible offal (mammalian)	0.04		Expressed as mepiquat cation	CXL	2023	55		2024	
PE 0112	Eggs	0.008 (*)		Expressed as mepiquat cation	CXL	2023	55		2024	
AB 0269	Grape pomace, dried	15		Expressed as mepiquat cation	CXL	2023	55		2024	
DF 0269	Grape, dried (= Currants, Raisins and Sultanas)	20		Expressed as mepiquat cation	CXL	2023	55		2024	
FB 0269	Grapes	4		Expressed as mepiquat cation	CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.01		Expressed as mepiquat cation	CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.01		Expressed as mepiquat cation	CXL	2023	55		2024	
ML 0106	Milks	0.008 (*)		Expressed as mepiquat cation	CXL	2023	55		2024	
PF 0111	Poultry fats	0.008 (*)		Expressed as mepiquat cation	CXL	2023	55		2024	
PM 0110	Poultry meat	0.008 (*)		Expressed as mepiquat cation	CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.008 (*)		Expressed as mepiquat cation	CXL	2023	55		2024	

337 Tricyclazole

Main Uses: Fungicide

JMPR:

ADI: 0-0.05 mg/kg bw (2023)

Acute RfD: 0.05 mg/kg bw ((2023))

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

For risk assessment for plant and animal commodities: Sum of tricyclazole and 1,3,4-triazolo[3,4-b][1,3]benzo-thiazol-5-methanol, expressed as tricyclazole.

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)	0.1			CXL	2023	55		2024	
PE 0112	Eggs	0.01 (*)			CXL	2023	55		2024	
MF 0100	Mammalian fats (except milk fats)	0.01 (*)			CXL	2023	55		2024	
MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)			CXL	2023	55		2024	
ML 0106	Milks	0.01 (*)			CXL	2023	55		2024	
PF 0111	Poultry fats	0.01 (*)			CXL	2023	55		2024	
PM 0110	Poultry meat	0.01 (*)			CXL	2023	55		2024	
PO 0111	Poultry, edible offal of	0.01 (*)			CXL	2023	55		2024	
GC 0649	Rice	5			CXL	2023	55		2024	
AS 0649	Rice, hay and/or straw	5 (dw)			CXL	2023	55		2024	
AS 3570	Rice, hulls	15 (dw)			CXL	2023	55		2024	
CM 0649	Rice, husked	0.3			CXL	2023	55		2024	
CM 1205	Rice, polished	0.3			CXL	2023	55		2024	

Main Uses: Herbicide
JMPR:
ADI: 0-0.03 mg/kg bw (2024)
Acute RfD: 2 mg/kg bw ((2024))
Residue: Not concluded.

[illegible]

339 Cyclobutrifluram

Main Uses: Nematocide
JMPR:
ADI: 0-0.2 mg/kg bw (2024)
Acute RfD: 0.5 mg/kg bw (for women of child-bearing age) ((2024))
Residue: Definition of the residue for compliance with the MRL for plant commodities: Cyclobutrifluram.
Definition of the residue for compliance with the MRL for animal commodities: Sum of residues of cyclobutrifluram and 2(trifluoromethyl)pyridine-3-carboxamide (SYN510275), expressed as cyclobutrifluram.
Definition of the residue for dietary risk assessment for plant commodities: Sum of residues of cyclobutrifluram (free and conjugated), N-[(1S,2R)-2-(2,4-dichlorophenyl)-2-hydroxy-cyclobutyl]-2-(trifluoromethyl)pyridine-3-carboxamide (SYN549104) (free and conjugated), 2-(trifluoromethyl)pyridine-3-carboxylic acid (SYN510260) (free and conjugated) and 2-(trifluoromethyl)pyridine-3carboxamide (SYN510275) (free and conjugated), expressed as cyclobutrifluram.
Definition of the residue for dietary risk assessment for animal commodities: Sum of residues of cyclobutrifluram, N-[(1S,2R)-2(2,4-dichlorophenyl)-2-hydroxy-cyclobutyl]-2-(trifluoromethyl)pyridine-3-carboxamide (SYN549104) (free and conjugated) and 2(trifluoromethyl)pyridine-3-carboxamide (SYN510275) (free and conjugated), expressed as cyclobutrifluram.
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 (*)			3	2024	56			

340 Fenpropidin

Main Uses: Fungicide

JMPR:

ADI: 0-0.02 mg/kg bw (2024)

Acute RfD: 0.03 mg/kg bw (for women of child-bearing age) ((2024))

Residue: Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities: Fenpropidin.

Definition of the residue for compliance with the MRL for animal commodities: Sum of fenpropidin and CGA 289267 {2-methyl-2-[4(2-methyl-3-piperidin-1-yl-propyl)-phenyl]propionic acid}, expressed as fenpropidin.

Definition of the residue for dietary risk assessment for animal commodities: Sum of fenpropidin, CGA 289267 {2-methyl-2-[4-(2methyl-3-piperidin-1-yl-propyl)-phenyl]propionic acid}, and SYN 515213 {3-hydroxy-2-methyl-2-[4-(2-methyl-3-piperidin-1-yl-propyl)phenyl]-propionic acid} (free and conjugated), expressed as fenpropidin.

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	9			3	2024	56			
GC	0640	Barley	0.15			3	2024	56			
AS	0081	Straw and hay of Cereal greans	4	(dw)		3	2024	56			
AM	3573	Fodder beet, leaves or tops	30	(dw)		3	2024	56			
AM	1051	Fodder beet, roots	0.03			3	2024	56			
PF	0111	Group of avian fats	0.02			3	2024	56			
PM	0110	Group of avian muscle	0.02			3	2024	56			
PO	0111	Group of avian, edible offal of	0.08			3	2024	56			
MO	0105	Group of edible offal (mammalian)	0.4			3	2024	56			
PE	0112	Group of eggs	0.02			3	2024	56			
MF	0100	Group of mammalian fats (except milk fats)	0.02			3	2024	56			
ML	0106	Group of milks	0.02	(*)		3	2024	56			
MM	0095	Group of muscle (from mammals other than marine mammals)	0.02			3	2024	56			
VR	0596	Sugar beet	0.03			3	2024	56			
AV	0596	Sugar beet leaves or tops (dry)	30	(dw)		3	2024	56			

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
AM 3599	Sugar beet, dried pulp	0.2			3	2024	56			
GC 0653	Triticale	0.05			3	2024	56			
GC 0654	Wheat	0.05			3	2024	56			
CF 0654	Wheat bran, processed	0.3			3	2024	56			

341 Florpyrauxifen-benzyl

Main Uses: Herbicide

JMPR:

ADI: Unnecessary mg/kg bw (2024)

Acute RfD: Unnecessary ((2024))

Residue: Definition of the residue for compliance with the MRL for plant commodities: Florpyrauxifen-benzyl.

Definition of the residue for compliance with the MRL for animal commodities: Sum of florpyrauxifen-benzyl, X11966341 and X11438848, expressed as florpyrauxifen-benzyl.

Definition of the residue for dietary risk assessment for plant and animal commodities: Not necessary.

The residue is fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PF 0111	Group of avian fats	0.03 (*)			3	2024	56			
PM 0110	Group of avian muscle	0.03 (*)			3	2024	56			
PO 0111	Group of avian, edible offal of	0.03 (*)			3	2024	56			
MO 0105	Group of edible offal (mammalian)	0.09			3	2024	56			
PE 0112	Group of eggs	0.03 (*)			3	2024	56			
MF 0100	Group of mammalian fats (except milk fats)	0.03 (*)			3	2024	56			
ML 0106	Group of milks	0.03 (*)			3	2024	56			
MM 0095	Group of muscle (from mammals other than marine mammals)	0.03 (*)			3	2024	56			
AS 0162	Hay and/or straw of grasses for animal feed (subgroup)	5 (dw)			3	2024	56			
GC 0645	Maize	0.01 (*)			3	2024	56			
AS 3557	Maize, hay and/or straw	0.01 (*) (dw)			3	2024	56			
GC 0649	Rice	0.3			3	2024	56			
AS 0649	Rice, hay and/or straw	2 (dw)			3	2024	56			
CM 0649	Rice, husked	0.01 (*)			3	2024	56			

342 Fluoxapiprolin

Main Uses: Fungicide

JMPR:

ADI: unnecessary mg/kg bw (2024)

Acute RfD: Unnecessary ((2024))

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

Definition of the residue for dietary risk assessment for plant and animal commodities: Not necessary.

The residue is fat-soluble.

	Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
VO	4275	Cherry tomato	0.1			3	2024	56			
DF	0269	Grape, dried (= Currants, Raisins and Sultanas)	0.5			3	2024	56			
FB	0269	Grapes	0.15			3	2024	56			
PF	0111	Group of avian fats	0.01 (*)			3	2024	56			
PM	0110	Group of avian muscle	0.01 (*)			3	2024	56			
PO	0111	Group of avian, edible offal of	0.01 (*)			3	2024	56			
MO	0105	Group of edible offal (mammalian)	0.01 (*)			3	2024	56			
PE	0112	Group of eggs	0.01 (*)			3	2024	56			
MF	0100	Group of mammalian fats (except milk fats)	0.01 (*)			3	2024	56			
ML	0106	Group of milks	0.01 (*)			3	2024	56			
MM	0095	Group of muscle (from mammals other than marine mammals)	0.01 (*)			3	2024	56			
VA	0385	Onion, bulb	0.03			3	2024	56			
VR	0589	Potato	0.01 (*)			3	2024	56			
VO	0448	Tomato	0.07			3	2024	56			
DV	0448	Tomato, dried	0.32			3	2024	56			

PART II

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

1 Aldrin and Dieldrin

Main Uses: Insecticide

JMPR:

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 (group)	0.05	E		CXL		28		1997	
GC	0080 Cereal grains (group)	0.02	E		CXL					
FC	0001 Citrus fruits (group)	0.05	E		CXL		28		1997	
PE	0112 Eggs	0.1	E		CXL					
VC	0045 Fruiting vegetables, cucurbits (group)	0.1	E		CXL		28		1997	
VP	0529 Garden pea, shelled (succulent seeds)	1	E		CXL					
VL	0053 Leafy vegetables (group)	0.05	E		CXL		28		1997	
VP	0060 Legume vegetables (group)	0.05	E		CXL		28		1997	
MM	0095 Meat (from mammals other than marine mammals)	0.2	(fat) E		CXL					
ML	0106 Milks	0.006	F	E	CXL					
FP	0009 Pome fruits (group)	0.05	E		CXL		28		1997	
PM	0110 Poultry meat	0.2	E		CXL		28		1997	
VD	0070 Pulses (group)	0.05	E		CXL		28		1997	
VR	0075 Root and tuber vegetables (group)	0.1	E		CXL		28		1997	

21 DDT

Main Uses: Insecticide

JMPR:

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 CCPR33 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 (group)	0.1	E					CXL	94				
PE 0112	Eggs	0.1	E					CXL		28		1997	
MM 0095	Meat (from mammals other than marine mammals)	5	(fat) E			EMRL: 1-5 mg/kg		CXL	96,00	33	28,30	2001	
ML 0106	Milks	0.02	F E					CXL		28		1997	
PM 0110	Poultry meat	0.3	(fat) E			EMRL: 0.1-0.3 mg/kg		CXL	00	35	34	2003	

33 Endrin

Main Uses: Insecticide

JMPR:

ADI: 0.0002 mg/kg bw (1970), converted to PTDI (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 (group)	0.05	E		CXL		28		1997	
PM	0110	Poultry meat	0.1	E		CXL		28		1997	

43 Heptachlor

Main Uses: Insecticide

JMPR:

ADI: 0.0001 mg/kg bw (1991), converted to PTDI (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 (group)	0.02	E		CXL					
FC	0001 Citrus fruits (group)	0.01	E		CXL					
SO	0691 Cotton seed	0.02	E		CXL					
PE	0112 Eggs	0.05	E		CXL					
MM	0095 Meat (from mammals other than marine mammals)	0.2 (fat)	E		CXL					
ML	0106 Milks	0.006	F	E	CXL					
FI	0353 Pineapple	0.01	E		CXL					
PM	0110 Poultry meat	0.2 (fat)	E		CXL					
VP	0541 Soya bean (immature seeds)	0.02	E		CXL					
OC	0541 Soya bean oil, crude	0.5	E		CXL					
OR	0541 Soya bean oil, refined	0.02	E		CXL					

48 Lindane

Main Uses: Insecticide

JMPR:

ADI: 0–0.005 mg/kg bw (2002)

Acute RfD: 0.06 mg/kg bw ((2002))

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 EMRLs in 2016 since Lindane is listed in annex A of the Stockholm convention and its residues are 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 (group)	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 hay of cereal grains (excluding pseudocereals) (subgroup)	0.01	E		CXL	2015	48		2016	
VO 1275	Sweet corn (kernels)	0.01	E		CXL	2015	48		2016	