

APPENDIX VII**CONSEQUENTIAL AMENDMENTS TO THE CXLs FOR OKRA, Martynia and Roselle****49 Malathion**

Main Uses: Insecticide

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

ARfD: 2 mg/kg bw ((2003))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.1		MRL provisionally applies to okra, roselle and martynia.	CXL	99	34	33	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

62 Piperonyl Butoxide

Main Uses: Synergist

ADI: 0.2 mg/kg bw (1995)

ARfD: Unnecessary ((2001))

Residue: Piperonyl butoxide (fat-soluble)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, roselle and martynia.	CXL	01,02	36	34	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

81 Chlorothalonil

Main Uses: Fungicide

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

ARfD: 0.6 mg/kg bw ((2009))

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

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

The residue is not fat-soluble.

Note: Chlorothalonil Metabolite SDS-3701

ADI: 0–0.008 mg/kg bw(2009)

ARfD: 0.03 mg/kg bw(2009)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	7		MRL provisionally applies to okra, roselle and martynia.	CXL	2015	48		2016	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

87 Dinocap

Main Uses: Fungicide

ADI: 0.008 mg/kg bw (1998)

ARfD: 0.008 mg/kg body weight for women of childbearing 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.2	D	MRL provisionally applies to okra, roselle and martynia.	CXL	98	34	32	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

90 Chlorpyrifos-Methyl

Main Uses: Insecticide
ADI: 0-0.01 mg/kg bw (2009)
ARfD: 0.1 mg/kg bw ((2009))
Residue: For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: Chlorpyrifos-methyl. The residue is fat-soluble.
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									
VO	0051 Peppers (subgroup)	1		MRL provisionally applies to okra, roselle and martynia.	CXL	09	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

94 Methomyl

Main Uses: Insecticide

ADI: 0.02 mg/kg bw (2001)

ARfD: 0.02 mg/kg bw ((2001))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.7		MRL provisionally applies to okra, roselle and martynia.	CXL	04	37		2005	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

126 Oxamyl

Main Uses: Insecticide

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

ARfD: 0.009 mg/kg bw ((2017))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.01 (*)		MRL provisionally applies to okra, roselle and martynia.	CXL	2017, 2018	51	50	2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.

138 Metalaxyl

Main Uses: Fungicide

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

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

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

Residue definition 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.

Residue definition 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.

Residue definition 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)

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, roselle and martynia.	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, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

157 Cyfluthrin/beta-cyfluthrin

Main Uses: Insecticide

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

ARfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.2		MRL provisionally applies to okra, roselle and martynia.	CXL	07	40		2008	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

173 Buprofezin

Main Uses: Insecticide

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

ARfD: 0.5 mg/kg bw ((2008))

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

Note: Aniline

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
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, roselle and martynia.	CXL	09	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

179 Cycloxydim

Main Uses: Herbicide

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

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

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	9		MRL provisionally applies to okra, roselle and martynia.	CXL	12	45		2013	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

181 Myclobutanil

Main Uses: Fungicide

ADI: 0.03 mg/kg bw (2014)

ARfD: 0.3 mg/kg bw ((2014))

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

Commodity		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, roselle and martynia.	CXL	2014	47		2015	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

185 Fenpropathrin

Main Uses: Acaricide and Insecticide

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

ARfD: 0.03 mg/kg bw ((2012))

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

The residue is fat soluble.

Commodity		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, roselle and martynia.	CXL	2014	47		2015	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

193 Fenpyroximate

Main Uses: Acaricide

ADI: 0–0.005 mg/kg bw (2021)

ARfD: 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)methylenamino-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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.2		MRL provisionally applies to okra, roselle and martynia.	CXL	2017	50		2018	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.

196 Tebufenozide

Main Uses: Insecticide

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

ARfD: 0.9 mg/kg bw ((2003))

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

Commodity		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, roselle and martynia.	CXL	01	36	35	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

197 Fenbuconazole

Main Uses: Fungicide

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

ARfD: 0.2 mg/kg bw ((2012))

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

The residue is not fat soluble.

Commodity		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, roselle and martynia.	CXL	09	45	43,44	2013	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

200 Pyriproxyfen

Main Uses: Insecticide

ADI: 0–0.1 mg/kg bw (1999)

ARfD: Unnecessary ((1999))

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

Commodity		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, roselle and martynia.	CXL	2018	51		2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

203 Spinosad

Main Uses: Insecticide

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

ARfD: Unnecessary ((2001))

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

Commodity		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, roselle and martynia.	CXL	01	35	34	2003	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

206 Imidacloprid

Main Uses: Insecticide

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

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

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

Commodity		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, roselle and martynia.	CXL	02	36	35	2004	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

209 Methoxyfenozide

Main Uses: Insecticide

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

ARfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, roselle and martynia.	CXL	03	37	36	2005	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

210 Pyraclostrobin

Main Uses: Fungicide

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

ARfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.5		MRL provisionally applies to okra, roselle and martynia.	CXL	2006	39		2007	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

211 Fludioxonil

Main Uses: Fungicide

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

ARfD: Unnecessary ((2004))

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

Commodity		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, roselle and martynia.	CXL	2013	46		2014	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

215 Fenhexamid

Main Uses: Fungicide

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

ARfD: Unnecessary ((2005))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	2		MRL provisionally applies to okra, roselle and martynia.	CXL	05	38		2006	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

216 Indoxacarb

Main Uses: Insecticide

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

ARfD: 0.1 mg/kg bw ((2005))

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

Commodity		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, roselle and martynia.	CXL	05	38		2006	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

222 Quinoxifen

Main Uses: Fungicide

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

ARfD: Unnecessary ((2006))

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

Commodity		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, roselle and martynia.	CXL	06	39		2007	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

233 Spinetoram

Main Uses: Insecticide

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

ARfD: Unnecessary ((2008))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.4		MRL provisionally applies to okra, roselle and martynia.	CXL	2017	50		2018	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.

236 Metaflumizone

Main Uses: Insecticide

ADI: 0-0.1 mg/kg bw

ARfD: Unnecessary ()

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

Commodity		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, roselle and martynia.	CXL	09	42		2010	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

242 Flubendiamide

Main Uses: Insecticide

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

ARfD: 0.2 mg/kg bw ((2010))

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

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.7		MRL provisionally applies to okra, roselle and martynia.	CXL	2010	43		2011	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

248 Flutriafol

Main Uses: Fungicide

ADI: 0–0.01 mg/kg bw (2011)

ARfD: 0.05 mg/kg bw ((2011))

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

Commodity		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, roselle and martynia.	CXL	2015	48		2016	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

254 Chlorfenapyr

Main Uses: Insecticide

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

ARfD: 0.03 mg/kg bw ((2012))

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

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

Commodity		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, roselle and martynia.	CXL	2018	51		2019	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

285 Flupyradifurone

Main Uses: Insecticide

ADI: 0–0.08 mg/kg bw (2015)

ARfD: 0.2 mg/kg bw ((2015))

Residue: For compliance with the MRL for plant commodities: Flupyradifurone. For estimation of dietary exposure for plant commodities: Sum of flupyradifurone, difluoroacetic acid and 6-chloronicotinic acid, expressed as parent equivalents. For compliance with the MRL and for estimation of dietary exposure) for animal commodities: Sum of flupyradifurone and difluoroacetic acid, expressed as parent equivalents. The residue is not fat-soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.9		MRL provisionally applies to okra, roselle and martynia.	CXL	2016	49		2017	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

294 Spiromesifen

Main Uses: Acaricide and Insecticide

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

ARfD: Unnecessary ((2016))

Residue: For compliance with the MRL for plant and animal commodities: Sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen. For dietary risk assessment for plant commodities: Sum of spiromesifen, 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, and 4-hydroxy-3-[4-(hydroxymethyl)-2,6-dimethylphenyl]-1-oxaspiro[4.4]non-3-en-2-one (free and conjugated), all expressed as spiromesifen. For dietary risk assessment) for animal commodities: sum of spiromesifen and 4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one, expressed as spiromesifen. Residue is fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0442	Okra	0.5			CXL	2016	49		2017	
VO 0051	Peppers (subgroup)	0.5		MRL provisionally applies to roselle and martynia.	CXL	2016	49		2017	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia. Crop Group corresponding to the old Classification which does not include okra, martynia and roselle.

296 Cyclaniliprole

Main Uses: Acaricide

ADI: 0–0.04 mg/kg bw (2017)

ARfD: Unnecessary ((2017))

Residue: For compliance with the MRL for plant and animal commodities: Cyclaniliprole. For estimation of dietary exposure) for plant commodities: Cyclaniliprole + 3-bromo-2-((2-bromo-4H-pyrazolo[1,5-d]pyrido[3,2-b]-[1,4]oxazin-4-ylidene)amino)-5-chloro-N-(1-cyclopropylethyl)benzamide (NK-1375), expressed as cyclaniliprole equivalents. The molecular weight conversion factor to express NK-1375 in cyclaniliprole equivalents = 1.064. For estimation of dietary exposure) for animal commodities: Cyclaniliprole. The residue is fat soluble.

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.15		MRL provisionally applies to okra, roselle and martynia.	CXL	2019	52		2021	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.

309 Pydiflumetofen (Codex Secretariat: For information only)

Main Uses: Fungicide

ADI: 0–0.1 mg/kg bw (2018)

ARfD: 0.3 mg/kg bw ((2018))

Residue: For compliance with the MRL and dietary risk assessment for plant commodities: Pydiflumetofen. For compliance with the MRL for animal commodities: Pydiflumetofen. For dietary risk assessment for animal commodities other than mammalian liver and kidney: Sum of pydiflumetofen and 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, expressed as pydiflumetofen. For dietary risk assessment for mammalian liver and kidney: Sum of pydiflumetofen, 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, and 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichloro-3-hydroxy- phenyl) ethyl]pyrazole-4-carboxamide (SYN547897) and its conjugates, expressed as pydiflumetofen. The residue is fat-soluble

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0050	Fruiting vegetables, other than cucurbits (group)	0.5			CXL	2019	52		2021	
VO 2709	Martynia	0.02			CXL	2019	52		2021	
VO 0442	Okra	0.02			CXL	2019	52		2021	
VO 0446	Roselle	0.02			CXL	2019	52		2021	

312 Afidopyropen

Main Uses: Insecticide

ADI: 0–0.08 mg/kg bw

ARfD: 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		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
VO 0051	Peppers (subgroup)	0.1		MRL provisionally applies to okra, roselle and martynia.	CXL	2019	52		2021	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.

323 Spiropidion

Main Uses: Insecticide

ADI: 0–0.02 mg/kg bw (2021)

ARfD: 0.3 mg/kg bw ((2021))

Residue: Definition of the residue for compliance with the MRL for plant commodities: Sum of spiropidion and spiropidion-enol (SYN547305) expressed as spiropidion.

Definition of the residue 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.

Definition of the residue 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
VO	0051	Peppers (subgroup)	1		MRL provisionally applies to okra, roselle and martynia.	CXL	2021	53		2022	Pending submission of residue trial data to clarify the suitable classification and representative commodity for okra, roselle and martynia.