

CODEX ALIMENTARIUS COMMISSION

E



Food and Agriculture
Organization of
the United Nations



World Health
Organization

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December 2018

TO: Codex Contact Points
Contact Points of international organizations having observer status with Codex

FROM: Secretariat,
Codex Alimentarius Commission,
Joint FAO/WHO Food Standards Programme

SUBJECT: **REQUEST FOR COMMENTS ON THE RECOMMENDATIONS OF THE 2018 JOINT
FAO/WHO MEETING ON PESTICIDE RESIDUES (JMPR)¹**

DEADLINE: **1 March 2019**

COMMENTS: To: **Copy to:**

CCPR Secretariat
Institute for Control of the Agrochemicals
Ministry of Agriculture (ICAMA)
E-mail: ccpr@agri.gov.cn

Secretariat
Codex Alimentarius Commission
Joint FAO/WHO Food Standards
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BACKGROUND

A. MRLs AT STEP 3 OF THE PROCEDURE

1. The annual Joint FAO/WHO Meeting on Pesticide Residues (JMPR) was held in Berlin, Germany, from 18 to 27 September 2018. The following extracts of the results of the annual Joint FAO/WHO Meeting on Pesticide Residues are provided to make them accessible to interested parties at an early date.
2. The Meeting evaluated 29 pesticides, of which eight were new compounds, and three were reevaluated within the Periodic Review Program of the Committee on Pesticide Residues (CCPR). The Meeting established acceptable daily intakes (ADIs) and acute reference doses (ARfDs).
3. The Meeting estimated maximum residue levels, which it recommended for use as maximum residue limits (MRLs) by CCPR. It also estimated supervised trials median residue (STMR) and highest residue (HR) levels as a basis for estimation of the dietary intake of residues of the pesticides reviewed. The allocations and estimates are shown in the table in the Annex.
4. Pesticides for which the estimated dietary intakes might, on the basis of the available information, exceed their ADIs are marked with footnotes, which are also applied to specific commodities when the available information indicated that the ARfD of a pesticide might be exceeded when the commodity was consumed. It should be noted that these distinctions apply only to new compounds and those re-evaluated within the CCPR periodic review program.
5. The table includes the Codex reference numbers of the compounds and the Codex classification numbers (CCNs) of the commodities, to facilitate reference to the Codex MRLs and other Codex documents. Both compounds and commodities are listed in alphabetical order.
6. Apart from the abbreviations indicated above, the following qualifications are used in the Table.

¹ The recommendations of the JMPR for pesticide maximum residue limits correspond to Step 3 of the Codex Procedure.

* (following name of pesticide)	New compound
** (following name of pesticide)	Compound reviewed within CCPR periodic review programme
* (following recommended MRL)	At or about the limit of quantification
HR-P	Highest residue in a processed commodity, in mg/kg, calculated by multiplying the HR in the raw commodity by the processing factor
Po	The recommendation accommodates post-harvest treatment of the commodity.
PoP (following recommendation for processed foods (classes D and E in the Codex classification))	The recommendation accommodates post-harvest treatment of the primary food commodity.
STMR-P	An STMR for a processed commodity calculated by applying the concentration or reduction factor for the process to the STMR calculated for the raw agricultural commodity.
W (in place of a recommended MRL)	The previous recommendation is withdrawn, or withdrawal of the recommended MRL or existing Codex or draft MRL is recommended.

7. The Report of the 2018 JMPR (including the Annex) is available from the website below:

FAO weblink: <http://www.fao.org/agriculture/crops/thematic-sitemap/theme/pests/jmpr/jmpr-rep/en/>

WHO weblink: <http://www.who.int/foodsafety/publications/jmpr-reports/en/>

8. Should anybody have problems in downloading the above documents, please contact the FAO or WHO JMPR Secretariats at the following addresses in order to get a copy as an email attachment:

FAO JMPR Secretariat
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REQUEST FOR COMMENTS

9. Member governments and interested international organizations having granted observer status in Codex wishing to submit comments on the proposed draft MRLs that correspond to Step 3 of the Codex Procedure as proposed by the 2018 JMPR and also on other recommendations which are relevant to the work of the 51st Session of the Committee on Pesticide Residues (see Table below) should do so in writing, in conformity with the Procedures for the Elaboration of Codex Standards and Related Texts (*Codex Alimentarius Procedural Manual*) to the addresses and by the deadline indicated on cover page.
10. Circular letters are available on the Codex website² (Circular Letters, 2018) and also on the CCPR51 website³.

² <http://www.fao.org/fao-who-codexalimentarius/circular-letters/en>

³ <http://www.fao.org/fao-who-codexalimentarius/meetings-reports/detail/en/?meeting=CCPR&session=51>

ENGLISH ONLY

ANNEX
ACCEPTABLE DAILY INTAKES, SHORT-TERM DIETARY INTAKES, ACUTE REFERENCE DOSES,
RECOMMENDED MAXIMUM RESIDUE LIMITS AND SUPERVISED TRIALS MEDIAN RESIDUE VALUES RECORDED
BY THE 2018 JMPR MEETING

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Abamectin (177) ADI: 0–0.001 mg/kg bw ARfD: 0.003 mg/kg bw	FB 0264	Blackberries	W	0.05		
	FB 2005	Cane berries, subgroup of (includes all commodities in this subgroup)	0.2		0.018	0.11
		Chives, dried	0.08		0.015	
	DF 0269	Dried grape (=currants, raisins and sultanas)	0.1	0.03	0.0059	0.045
	JF 0269	Grape juice	0.05	0.015	0.0029	
	FB 0269	Grapes	0.03	0.01	0.0021	0.016
	VA 2032	Green onions, subgroup of (includes all commodities in this subgroup)	0.01		0.002	0.004
	HH 2095	Herbs, subgroup of, (includes all commodities in this subgroup)	0.015		0.003	0.008
	VA 0384	Leek	W	0.005		
	OR 0001	Orange oil	0.1			
	FI 0353	Pineapple	0.002*		0	0
	FB 0272	Raspberries, Red, Black	W	0.05		
	VD 0541	Soya bean (dry)	0.002*		0.002	
	VP 2062	Succulent beans without pods, subgroup of (includes all commodities in this subgroup)	0.002*		0.002	0.002
	GC 2090	Sweet corns, subgroup of (includes all commodities in this subgroup)	0.002*		0.002	0.002
		Soya bean			0.002	0.002
	Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities: <i>Avermectin B1a. The residue is fat-soluble.</i>					
Bentazone (172) ADI: 0–0.09 mg/kg bw ARfD: 0.5 mg/kg bw	VD 0071	Beans (dry)	W	0.04		
	VD 2065	Dry beans, subgroup of (includes all commodities in this subgroup)	0.5		0.09	
	VD 2066	Dry peas, subgroup of (includes all commodities in this subgroup)	0.5		0.09	
	MO 0105	Edible offal (Mammalian)	0.04		0.01	0.035
	MF 0100	Mammalian fats (except milk fats)	0.01*		0	0
	MM 0095	Meat (from mammals other than marine mammals)	0.01*		0	0
	ML 0106	Milks	0.01*		0	
	VD 0541	Soya bean	W	0.01*		
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>bentazone. The residue is not fat-soluble.</i>						

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Benzovindiflupyr (261) ADI: 0–0.05 mg/kg bw ARfD: 0.1 mg/kg bw	VD 0071	Beans (dry)	W	0.15		
	VD 2065	Dry beans, subgroup of, except soya bean, dry	0.15		0.011	
	VD 2066	Dry peas, subgroup of (includes all commodities in this subgroup)	0.2		0.014	
	VD 0072	Peas (dry)	W	0.2		
Definition of the residue for compliance with the MRL and for dietary risk assessment for plant and animal commodities: <i>benzovindiflupyr</i>						
Chlorfenapyr (254) ADI: 0–0.03 mg/kg bw ARfD: 0.03 mg/kg bw	HS 0444	Chili pepper, dry	3		0.5	1.5
	MO 0105	Edible offal (Mammalian)	0.05		Liver: 0.54 Kidney: 0.48	Liver: 0.54 Kidney: 0.48
	PE 0112	Eggs	0.01		0.02	0.047
	VA 0381	Garlic	0.01*		0.01	0.01
	FC 0002	Lemons and Limes, subgroup of (includes all commodities in this subgroup)	0.8		Whole fruit: 0.23 Pulp: 0.004	Whole fruit: 0.71 Pulp: 0.012
	MF 0100	Mammalian fats	0.6		1.0	1.0
	MM 0095	Meat (from mammals other than marine mammals)	0.6 (fat)		0.026 (muscle)	0.026 (muscle)
	VC 0046	Melons, except Watermelon	0.4		0.01	0.01
	ML 0106	Milks	0.03		0.043	
	VA 0385	Onion, bulb	0.01*		0.01	0.01
	FC 0004	Oranges, Sweet, Sour, subgroup of (includes all commodities in this subgroup)	1.5		0.011	0.021
	FI 0350	Papaya	0.3		0.072	0.17
	VO 0051	Peppers	0.3		0.05	0.15
	PO 0111	Poultry, edible offal of	0.01		Liver: 0.025 Kidney: 0.009	Liver: 0.058 Kidney: 0.022
	PF 0111	Poultry, fats	0.02		0.008	0.018
	PM 0110	Poultry, meat	0.02 (fat)		0.003 (muscle)	0.007 (muscle)
	VR 0589	Potato	0.01*		0.01	0.01
	VD 0541	Soya bean (dry)	0.08		0.01	
	AL 0541	Soya bean fodder	7 (DM)		Median: 1.6 (as)	Highest: 3.9 (as)
	OC 0541	Soya bean, crude oil	0.4		0.045	
VO 0448	Tomatoes	0.4		0.065	0.19	
DT 1114	Tea, Green, Black (black, fermented and dried)	60		12		
Cyantraniliprole (263) ADI: 0–0.03 mg/kg bw ARfD: Unnecessary	FB 0265	Cranberries	0.08		0.012	
	VC 0045	Fruiting vegetables, Cucurbits	W	0.3		
	VC 0045	Fruiting vegetables, Cucurbits, Group of (includes all commodities in this group)	0.3		0.065 ^a 0.01 ^b	
	FI 0345	Mango	0.7		0.01	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	GM 0649	Rice, Husked	0.01*		0.01	
	CM 1205	Rice, polished	0.01*		0.01	
	AS 0649	Rice straw & fodder (dry)	1.7 (dw)		Median: 0.099 (dw)	Highest: 0.84 (dw)
	FB 0275	Strawberry	1.5		0.455	
	FB 1236	Wine-grapes	1		0.21	
	JF 0269	Grape, juice			0.11	
	DF 0269	Dried grapes (=currants, raisins and sultanas)			0.088	
	-	Grape, wine			0.21	
	-	Grape, must			0.32	
Definition of the residue for compliance with the MRL for plant and animal commodities: <i>cyantraniliprole</i>						
Definition of the residue for dietary risk assessment for unprocessed plant commodities: <i>cyantraniliprole</i>						
Definition of the residue for dietary risk assessment for processed plant commodities: <i>sum of cyantraniliprole and IN-J9Z38, expressed as cyantraniliprole</i>						
Definition of the residue for dietary risk assessment for animal commodities: <i>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</i>						
<i>The residue is not fat-soluble.</i>						
^a edible peel						
^b inedible peel						
(dw) Dry weight						
Cyazofamid (281)	VA 0035	Bulb onions, Subgroup of (includes all commodities in this subgroup)	1.5		0.0615 0.01 (CCIM)	0.03 (CCIM)
ADI: 0–0.2 mg/kg bw	VA 2032	Green onions, Subgroup of (includes all commodities in this subgroup)	6		1.5 0.044 (CCIM)	0.2 (CCIM)
ARfD: Unnecessary						
CCIM						
ADI: Covered by ADI for parent						
ARfD: 0.2 mg/kg bw						
Definition of the residue for compliance with the MRL for plant commodities: <i>Cyazofamid</i>						
Definition of the residue for long-term dietary risk assessment for plant commodities: <i>Cyazofamid plus 4-chloro-5-p-tolylimidazole-2-carbonitrile (CCIM), expressed as cyazofamid</i>						
Definition of the residue for acute dietary risk assessment for plant commodities: <i>CCIM</i>						
Cyprodinil (207)	FI 0355	Pomegranate	5 Po	10 Po	3.30	
ADI: 0–0.03 mg/kg bw						
ARfD: Unnecessary						
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>cyprodinil. The residue is fat-soluble</i>						
Diquat (031)	GC 0640	Barley	5		1.55	
ADI: 0–0.006 mg/kg bw	AS 0640	Barley straw and fodder, dry	40 (dw)		Median: 3.1 (dw)	Highest: 26 (dw)
ARfD: 0.8 mg/kg bw	VD 0071	Beans, dry	W	0.2		
	VD 0524	Chick-pea (dry)	0.9		0.24	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	VD 2065	Dry beans, Subgroup of (includes all commodities in this subgroup)	0.4		0.05	
	VD 2066	Dry peas, Subgroup of (except chick-pea (dry))	0.9		0.17	
	MF 0100	Mammalian fats (except milk fats)	0.01*		0	0
	VD 0072	Peas (dry)	W	0.3		
	PF 0111	Poultry fats	0.01*		0	0
	GC 0650	Rye	1.5		0.505	-
	AS 0650	Rye straw and fodder, dry	40 (dw)		Median: 3.1 (dw)	Highest: 26 (dw)
	VD 4521	Soya bean (dry)	W	0.3		
	AB 0541	Soya bean hulls	1.5		0.155	
	GC 0653	Triticale	1.5		0.505	
	AS 0653	Triticale straw and fodder, dry	40 (dw)		Median: 3.1 (dw)	Highest: 26 (dw)
	OR 0541	Soya bean oil, refined			0.00275	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>diquat</i> <i>ion. The residue is not fat-soluble</i>						
Ethiprole (304)*	SB 0716	Coffee beans	0.07		0.0245	-
ADI: 0–0.005 mg/kg bw	SM 0716	Coffee beans, roasted	0.2		0.044	-
ARfD: 0.005 mg/kg bw	MO 0105	Edible offal (mammalian)	0.1		Kidney: 0.029	Kidney: 0.030 Liver: 0.079
	PE 0112	Eggs	0.05		0.030	0.038
	MF 0100	Mammalian fats (except milk fats)	0.15		Fat: 0.094	Fat: 0.10
	MM 0095	Meat (from mammals other than marine mammals)	0.15 (fat)		Muscle: 0.021	Muscle: 0.021 Fat: 0.10
	FM 0183	Milk fats	0.5		0.33	-
	ML 0106	Milks	0.015		0.011	-
	PM 0110	Poultry meat	0.05 (fat)		0.02 (Muscle)	0.02 (Muscle) Fat: 0.039
	PO 0111	Poultry, edible offal of	0.05		Liver: 0.031	Liver: 0.033
	PF 0111	Poultry fats	0.05		Fat: 0.037	Fat: 0.039
	GC 0659	Rice	3		0.44	
	CM 0649	Rice, husked	1.5		0.14	
	GC 1205	Rice, polished	0.4		0.040	
		Coffee beans, instant			0.048	
	CM 1206	Rice bran, unprocessed			0.53	
Definition of the residue for compliance with the MRL for plant commodities: <i>Ethiprole</i>						
Definition of the residue for dietary risk assessment for plant commodities: <i>Sum of ethiprole, 5-amino-1-[2,6-dichloro-4-</i> <i>(trifluoromethyl)phenyl]-4-(ethylsulfinyl)-1H-pyrazole-3-carboxamide (ethiprole-amide) and 5-amino-1-(2,6-dichloro-4-</i> <i>trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone), expressed as parent equivalents</i>						
Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: <i>Sum of</i> <i>ethiprole and 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfonylpyrazole-3-carbonitrile (ethiprole-sulfone),</i> <i>expressed as parent equivalents.</i>						
<i>The residue is fat soluble</i>						

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Fenpicoxamid (305)* ADI: 0–0.05 mg/kg bw ARfD: Unnecessary Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: <i>Fenpicoxamid</i> .	FI 0327	Banana	0.15		0.01	
Fenpyroximate (193) ADI: 0–0.01 mg/kg bw ARfD: 0.01 mg/kg bw	VO 2700 MO 0105 MF 0100 MM 0095 ML 0106 VO 0448 VO 2045	Cherry tomato Edible offal (mammalian) Mammalian fats (except milk fats) Meat (from mammals other than marine mammals) Milks Tomato Tomatoes, subgroup of (includes all commodities in this subgroup)	W 0.5 0.1 0.1 (fat) 0.01 W 0.3	0.3 0.5 0.1 0.1 0.01* 0.3	Liver: 0.272 Kidney: 0.252 0.029 0.0110.02 (Muscle) 0.0015 0.1	Liver: 0.501 Kidney: 0.404 0.089 0.020.02 (Muscle) 0.17
Definition of the residue for compliance with the MRL for plant commodities: <i>fenpyroximate</i> Definition of the residue for dietary risk assessment for plant commodities: <i>sum of parent fenpyroximate and itert-butyl (Z)-α-(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneamino-oxy)-p-toluate (its Z-isomer M-1), expressed as fenpyroximate</i> . Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: <i>sum of fenpyroximate, 2-hydroxymethyl-2-propyl (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)-methylenaminooxymethyl]benzoate (Fen-OH), and (E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneaminooxymethyl]benzoic acid (M-3), expressed as fenpyroximate</i> . <i>The residue is fat-soluble</i>						
Fluazinam (306)* ADI: Not established ARfD: Not established Definition of the residue for compliance with the MRL for plant commodities: <i>fluazinam</i> .						
Fludioxonil (211) ADI: 0–0.4 mg/kg bw ARfD: Unnecessary	FI 0326 FB 0020 VA 2031 VB 0041 VR 0577 VS 0624 VD 0524 FB 0021 MO 0105 PE 0112 VA 2032 FT 0336 VL 0054 VD 0533	Avocado Blueberries Bulb onions, Subgroup of (includes all commodities in this subgroup) Cabbages, head Carrot Celery Chick-pea (dry) Currants Edible offal (Mammalian) Eggs Green onion, Subgroup of (includes all commodities in this subgroup) Guava Leaves of Brassicaceae, subgroup of (includes all commodities in this subgroup) Lentils	1.5 2 0.5 0.7 1 15 0.3 3 0.1 0.02 0.8 0.5 15 0.3	0.4 2 0.05* 0.7 0.7 0.11 0.01* 0.01	0.01 0.6 0.04 0.24 0.19 4.55 0.11 0.62 0.02 0.01 0.14 0.125 1.2 0.11	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	MF 0100	Mammalian fats (except milk fats)	0.02		0.003	
	MM 0095	Meat (from mammals other than marine mammals)	0.02 (fat)	0.01	0.01	
	ML 0106	Milks	0.04	0.01	0.008	
	VL 0485	Mustard greens	W	10		
	VA 0385	Onion, bulb	W	0.5		
	FI 0353	Pineapple	5 Po		2	
	FI 0355	Pomegranate	3 Po	2	1.75	
	PF 0111	Poultry fats	0.01*		0	
	PM 0110	Poultry meat	0.01*	0.01*	0	
	PO 0111	Poultry, edible offal of	0.1	0.05	0.028	
	VD 0541	Soya bean (dry)	0.2		0.01	
		Carrots (canned)			0.027	
		Juice (pasteurised)			0.034	
		Carrots (cooked)			0.023	
Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities: <i>fludioxonil</i> .						
Definition of the residue for compliance with the MRL and for dietary risk assessment for animal commodities: <i>fludioxonil and its benzopyrrole metabolites, determined as 2,2-difluoro-1,3-benzodioxole-4-carboxylic acid and expressed as fludioxonil</i> .						
The residue is fat-soluble.						
Fluopyram (243)	VO 2700	Cherry tomato	W	0.4		
ADI: 0–0.01 mg/kg bw	CM 0649	Rice, husked	1.5		0.18	
ARfD: 0.5 mg/kg bw	CM 1205	Rice, polished	0.5		0.068	
	VO 0448	Tomato	W	0.5		
	VO 2045	Tomatoes, subgroup of (includes all commodities in this subgroup)	0.5		0.11	0.37
Definition of the residue for compliance with the MRL and for dietary risk assessment for plant commodities: <i>fluopyram</i>						
Definition of the residue for compliance with the MRL for animal commodities: <i>Sum of fluopyram and 2-(trifluoromethyl)benzamide, expressed as fluopyram</i>						
Definition of the residue for dietary risk assessment for animal commodities: <i>Sum of fluopyram, 2-(trifluoromethyl)benzamide and the combined residues of N-((E)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide and N-((Z)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl)-2-trifluoromethyl benzamide, all expressed as fluopyram.</i>						
The residue is not fat-soluble.						
Fluxapyroxad (256)	AL 3350	Alfalfa hay	20 (DM)		0.04 (as)	9.9 (as)
ADI: 0–0.02 mg/kg bw	FC 0001	Citrus fruit, Group of (includes all commodities in this group)	1		0.33	0.59
ARfD: 0.3 mg/kg bw	OR 0001	Citrus oil, edible	60		22	
	SB 0716	Coffee beans	0.15		0.042	
	SO 0691	Cotton seed	0.5	0.3	0.08	
	FI 0345	Mango	0.6		0.145	0.37
	FC 0002	Oranges, Sweet, Sour (including Orange-like hybrids)	W	0.3		
	FI 0350	Papaya	1		0.054	0.51
	VR 0589	Potato	0.07	0.03	0.035	0.06

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	VR 2071	Tuberous and corm vegetables, except potato, Subgroup of (includes all commodities in this subgroup)	0.03		0.01	0.03
		Citrus juice			0.015	
		Citrus peel			0.72	1.1
		Cotton seed refined oil			0.0036	
		Marmalade			0.025	
		Potato baked tuber (with peel)			0.018	0.03
		Potato boiled tuber (with peel)			0.018	0.03
		Potato chips			0.018	
		Potato fried tuber (with peel)			0.018	0.03
		Potato granules/flakes			0.018	
		Potato peeled tuber			0.018	0.03
Definition of the residue (for compliance with the MRL) for plant and animal commodities: <i>Fluxapyroxad</i> .						
Definition of the residue (for estimation of dietary exposure) for plant commodities: <i>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), expressed as parent equivalents.</i>						
Definition of the residue (for estimation of dietary exposure) for animal commodities: <i>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.</i>						
<i>The residue is fat soluble.</i>						
Imazalil (1108)**	FO0327	Banana	3 Po	2 Po	0.05	0.10
ADI: 0–0.03 mg/kg bw	GC 0640	Barley	0.01*		0	
ARfD: 0.05 mg/kg bw	AS 0640	Barley straw and fodder (dry)	0.01		0.01	0.01
	FC0001	Citrus Fruit	W	5 Po		
	VC 0424	Cucumber	W	0.5		
	MO 0096	Edible offal (mammalian)	0.3		Liver: 0.34 Kidney: 0.06	Liver: 0.50 Kidney: 0.09
	PE 0112	Eggs	0.01*		0.02	0.02
	VC0425	Gherkins	W	0.5		
	FC0002	Lemons and limes, Subgroup of (includes all commodities in this subgroup)	15 Po		0.18	0.36
	MF 0100	Mammalian fats (except milk fats)	0.02		0.04	0.04
	MM 0095	Meat (from mammals other than marine mammals)	0.02*		0.04	0.04
	VC 0046	Melons, except Watermelon	W	2 Po		
	ML 0106	Milks	0.02*		0	
	FC0004	Oranges, sweet, sour, Subgroup of (includes all commodities in this subgroup)	8 Po		0.09	0.26
	FT 0307	Persimmon, Japanese	W	2 Po		
	FP 0009	Pome fruits	W	5 Po		

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	VR0589	Potato	9 Po	5 Po	2.2	4.6
	PO 0111	Poultry, edible offal of	0.02*		0.04	0.04
	PF 0111	Poultry fats	0.02*		0.04	0.04
	PM 0110	Poultry meat	0.02*		0.04	0.04
	FB 0272	Raspberries, red and black	W	2		
	FB 0275	Strawberry	W	2		
	VO0448	Tomato	0.3		0.13	0.24
	GC 0653	Triticale	0.01*		0	
	AS 0653	Triticale straw and fodder (dry)	0.01		0.01	0.01
	AS 0654	Wheat straw and fodder (dry)	0.01	0.1	0.01	0.01
	JF 0004	Orange juice			0.01	0.03
	HS 3382	Orange, peel			0.04	0.10
	OR 0004	Orange oil, edible			2.6	7.4
		Marmalade			0.02	0.07
		Jam			0.004	0.01
		Canned orange			0.003	0.008
		Peeled potato			0.02	0.05
		Baked potato with peel			1.3	2.8
		Boiled potato with peel			0.86	1.8
		Potato fries			0.04	0.09
		Potato crisps			0.04	0.09
		Potato flakes			0.004	0.009
Definition of the residue for compliance with the MRL for plant and animal commodities: <i>imazalil</i>						
Definition of the residue for dietary risk assessment for plant commodities: <i>free and conjugated imazalil</i> .						
Definition of the residue for dietary risk assessment for animal commodities: <i>sum of imazalil and the metabolite R061000</i> <i>((RS)-3-[2-(2,4-dichlorophenyl)-2-(2,3-dihydroxypropoxy)ethyl]imidazolidine-2,4-dione (+)-1-[2-(2,4-dichlorophenyl)-2-</i> <i>[(2,3-dihydroxypropyl)oxy]ethyl]-2,5-imidazolidinedione), expressed as imazalil equivalents.</i>						
<i>The residue is not fat-soluble</i>						
Isfetamid (290)	VP 2060	Beans with pods, subgroup of (includes all commodities in this subgroup)	0.6		0.096	0.36
ADI: 0–0.05 mg/kg bw	FB 2006	Bush berries, subgroup of (includes all commodities in this subgroup)	5		0.31	3
ARfD: 3 mg/kg bw	FB 2005	Cane berries, subgroup of (includes all commodities in this subgroup)	3		0.68	1.2
	FS 0013	Cherries, subgroup of (includes all commodities in this subgroup)	4		1.1	3.4
	VD 2065	Dry beans, subgroup of (except soya bean (dry))	0.05		0.01	
	VD 2066	Dry peas, subgroup of (includes all commodities in this subgroup)	0.05		0.01	
	FS 2001	Peaches, subgroup of (including Nectarine and Apricots)(includes all commodities in this subgroup)	3		0.76	1.7

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	VP 2061	Peas with pods, subgroup of (includes all commodities in this subgroup)	0.6		0.096	0.36
	FS 0014	Plums, subgroup of (including fresh Prunes) (includes all commodities in this subgroup)	0.8		0.175	0.39
	FP 0009	Pome fruits, group of (includes all commodities in this group)	0.6		0.135	0.42
	DF 0014	Prunes, dried Apple juice	3		0.56 0.04	1.5
Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: <i>Isofetamid</i> .						
Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: <i>the 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.</i>						
Kresoxim-methyl (199)**	GC 0640	Barley	W	0.1		
ADI: 0–0.3 mg/kg bw	GC 2087	Barley, subgroup of (includes all commodities in this subgroup)	0.15		0.035	
ARfD: Unnecessary	VR 0574	Beet root	0.05*		0	
	VC 0424	Cucumber	W	0.05		
	FB 0021	Currant	0.9		0.21	
	DF 0269	Dried grapes (=currants, raisins and sultanas)	3	2	0.58	
	MO 0105	Edible offal (Mammalian)	0.05	0,05*	0.009	
	PE 0112	Eggs	0.02*		0	
	VC 0045	Fruiting vegetables, Cucurbits, Group of (includes all commodities in this group)	0.5		0.105	
	VA 0381	Garlic	0.01		0.02	
	FB 0269	Grape	1.5	1	0.365	
	FC 0203	Grapefruit	W	0.5		
	VA 0384	Leek	10		3.2	
	MF 0100	Mammalian fats (except milk fats)	0.02*	0.05*	0	
	FI 0345	Mango	0.1		0.024	
	MM 0095	Meat (from mammals other than marine mammals)	0.02*	0.05*	0	
	ML 0106	Milks	0.02*	0.01*	0	
	OC 0305	Olive oil, Virgin	1		0.34	
	SO 0305	Olives for oil production	0.2		0.10	
	VC 0045	Fruiting vegetables, Cucurbits, Group of (includes all commodities in this group)	0.5		0.105	
	FS 0247	Peach	1.5		0.37	
	TN 0672	Pecan nuts	0.05*		0.10	
	VO 0445	Peppers, sweet	0.3		0.045	
	FP 0009	Pome fruits	W	0.2		

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	PF 0111	Poultry fats	0.02*		0	
	PM 0110	Poultry meat	0.02*	0.05*	0	
	PO 0111	Poultry, Edible offal of	0.02*		0	
	AS 0081	Straw and fodder (dry) of cereal grains	3 (DM)	5	Median: 0.50 (as)	Highest: 2.3 (as)
	VR 0596	Sugar beet	0.05*		0	
	FT 0305	Table olives	0.2		0.10	
	VR 0497	Turnip	0.05*		0	
	GC 0654	Wheat	W	0.05*		
	GC 2086	Wheat, subgroup of (includes all commodities in this subgroup)	0.05		0.02	
		Grape Wine			0.095	
		Grape Juice			0.18	
		Grape Must			0.11	
Definition of the residue for compliance with the MRL for plant commodities: <i>Kresoxim-methyl</i>						
Definition of the residue for dietary risk assessment for plant commodities: <i>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</i>						
Definition of the residue for compliance with the MRL and dietary risk assessment for animal commodities: <i>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</i>						
<i>The residue is not fat-soluble</i>						
Lambda-cyhalothrin (146)						
ADI: 0–0.02 mg/kg bw						
ARfD: 0.02 mg/kg bw						
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>Cyhalothrin (sum of all isomers).</i>						
Lufenuron (286)	SB 0716	Coffee beans	0.07		0.01	
ADI: 0–0.02 mg/kg bw	MO 0105	Edible offal (Mammalian)	0.15	0.04	Liver: 0.09 Kidney: 0.05	
ARfD: Unnecessary	FC 0205	Lime	0.4		0.10	
	MF 0100	Mammalian fats	2	0.7	1.07	
	MM 0095	Meat (mammalian except marine mammals)	2 (fat)	0.7	0.04 muscle 1.07 fat	
	GC 0645	Maize	0.01		0.01	
	ML 0106	Milks	0.15	0.1	0.117	
	FM 0103	Milk fats	5	2	4.58	
	FC 0004	Oranges sweet, sour, Subgroup of (includes all commodities in this subgroup)	0.3		0.09	
	OR 0004	Orange oil, edible	8		2.16	
	FP 0009	Pome fruits, Group of (includes all commodities in this group)	1		0.29	
	JF 0004	Orange juice			0.01	
	JF 0226	Apple juice			0.06	
		Apple purée			0.06	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>lufenuron. The residue is fat soluble.</i>						
Mandestrobin (307)*						
ADI: 0–0.2 mg/kg bw						
ARfD: 3 mg/kg bw (Applies to women of childbearing age only)						
Mandipropamid (231)	VP 2060	Beans with pods, subgroup of (includes all commodities in this subgroup)	1		0.22	
ADI: 0–0.2 mg/kg bw	SB 0715	Cacao bean	0.06		0.01	
ARfD: Unnecessary	MO 0105	Edible offal (mammalian)	0.01*		0	
	PE 0112	Eggs	0.01*		0	
	MF 0100	Mammalian fats (except milk fats)	0.01*		0	
	MM 0095	Meat (from mammals other than marine mammals)	0.01*		0	
	ML0106	Milks	0.01*		0	
	VR 0589	Potato	0.1	0.01*	0.0185	
	PO 0111	Poultry edible offal	0.01*		0	
	PF 0111	Poultry fats	0.01*		0	
	PM 0110	Poultry meat	0.01*		0	
	DM1215	Cocoa butter			0.005	
	DM 0715	Cocoa powder			0.005	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>mandipropamid. The residue is not fat soluble.</i>						
Norflurazon (308)*	AL 1020	Alfalfa fodder	7 (DW)		Median: 3 (as)	Highest: 11 (as)
ADI: 0–0.005 mg/kg bw	MO 0105	Edible offal (Mammalian)	0.3		Liver: 0.065 Kidney: 0.00038	Liver: 0.22 Kidney: 0.0012
ARfD: 0.3 mg/kg bw	PE 0112	Eggs	0.02 *		0	0
	MM 0100	Mammalian fats (except milk fats)	0.02 *		0.00043	0.0014
	MM 0095	Meat (from mammals other than marine mammals)	0.02 *		muscle: 0.0012 fat: 0.00043	muscle: 0.004 fat: 0.0014
	ML 0106	Milks	0.02 *		0.0014	
	PF 0111	Poultry fat	0.02 *		0	0
	PM 0110	Poultry meat	0.02 *		0	0
	PO 0111	Poultry, Edible offal of	0.02 *		0	0
	GC 2086	Wheat, Subgroup of (includes all commodities in this subgroup)			0.04	
	GC 2091	Maize cereals, Subgroup of (includes all commodities in this subgroup)			0.04	
	GC 2089	Sorghum grain and Millet, Subgroup of (includes all commodities in this subgroup)			0.04	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	GC 2088	Rice cereals, Subgroup of (includes all commodities in this subgroup)			0.1	
	VL 2050	Leafy greens, Subgroup of (includes all commodities in this subgroup)			0.053	0.53
	VL 0054	Leaves of Brassicaceae, Subgroup of (includes all commodities in this subgroup)			0.096	0.22
	VR 2070	Root vegetables, Subgroup of (includes all commodities in this subgroup)			0.04	0.21
Definition of the residue for compliance with the MRL for plant commodities: <i>Sum of norflurazon and desmethyl norflurazon, expressed as norflurazon</i>						
Definition of the residue for dietary risk assessment for plant commodities: <i>Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon</i>						
Definition of the residue for compliance with the MRL for animal commodities: <i>Sum of norflurazon and desmethyl norflurazon (free and conjugated), expressed as norflurazon</i>						
Definition of the residue for dietary risk assessment for animal commodities: <i>Sum of desmethyl norflurazon (free and conjugated) and 6-methyl sulfoxide norflurazon, expressed as norflurazon</i>						
<i>The residue is not fat-soluble.</i>						
(as) – as received						
Oxathiapiprolin (291)	HH 0722	Basil (fresh)	10		3.08	
	DH 0722	Basil, dry	80		27.33	
ADI: 0–4 mg/kg bw	FB 2005	Cane berries, Subgroup of (includes all commodities in this subgroup)	0.5		0.056	
ARfD: Unnecessary	FC 0001	Citrus fruit, Group of (includes all commodities in this group)	0.05		0.056	
	OR 0004	Citrus oil, edible	3		1.5	
	AB 0001	Citrus pulp, dry	0.15		0.10	
	MO 0105	Edible offal (mammalian)	W	0.01*		
	PE 0112	Eggs	0.01*	0.01*	0	
	VL 0054	Leaves of Brassicaceae, Subgroup of (includes all commodities in this subgroup)	10		3.28	
	GC 0645	Maize	0.01*		0.112	
	AS 0645	Maize fodder	0.01*		Median: 0.01	Highest: 0.01
	FM 0183	Mammalian fats (except milk fats)	W	0.01*		
	MM 0095	Meat (from mammals other than marine mammals)	W	0.01*		
	ML 0106	Milks	W	0.01*		
	SO 0698	Poppy seed	0.01*		0.102	
	VR 0589	Potato	W	0.01*		
	PO 0111	Poultry edible offal	0.01*	0.01*	0	
	PF 0111	Poultry fats	0.01*	0.01*	0	
	PM 0110	Poultry meats	0.01*	0.01*	0	
	VD 0541	Soya bean (dry)	0.01*		0.176	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	AL 3354	Soya bean hay	0.02		Median: 0.02	Highest: 0.02
	SO 0702	Sunflower seed	0.01*		0.118	
	VR 0508	Sweet potato	W	0.01*		
	VR 2071	Tuberous and corm vegetables, Subgroup of (includes all commodities in this subgroup)	0.04		0.116	
	VS 2081	Young shoots, Subgroup of (includes all commodities in this subgroup)	2		0.681	
	VB 0400	Broccoli			0.276	
	VB 0041	Cabbages, Head			0.196	
	VB 0404	Cauliflower			0.136	
	JF 0001	Citrus juice			0.032	
	VA 0381	Garlic			0.066	
	FC 0303	Kumquats (whole fruit)			0.057	
	VA 0384	Leek			0.656	
	VA 0385	Onion, bulb			0.066	
	VA 0389	Spring onion			0.656	
Definition of the residue for compliance with the MRL for plant and animal commodities: <i>oxathiapiprolin</i> .						
Definition of the residue for dietary risk assessment for plant and animal commodities: <i>Sum of oxathiapiprolin, 5-(Trifluoromethyl)-1H-pyrazole-3- carboxylic acid (IN-E8S72) and 1-β-D-Glucopyranosyl-3-(-(trifluoromethyl)-1H-pyrazole-5-carboxylic acid (IN-SXS67), expressed as parent.</i>						
<i>The residue is not fat-soluble.</i>						
Profenofos (171)						
ADI: 0–0.03 mg/kg bw	SB 0716	Coffee bean	0.04	-	0.02	-
ARfD: 1 mg/kg bw						
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>profenofos</i> . <i>The residue is not fat-soluble.</i>						
	MO 0105	Edible offal (Mammalian)	1.5	0.01*	0.45	1.2
ADI: 0–0.4 mg/kg bw	MF 0100	Mammalian fats (except milk fats)	0.03	-	0.016	0.021
ARfD: 2 mg/kg bw	MM 0095	Meat from mammals (other than marine mammals)	0.03	0.01*	Muscle: 0.016	Muscle: 0.023
	ML 0106	Milks	0.01*	0.01*	0	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>Propamocarb</i> . <i>The residue is not fat-soluble.</i>						
	FS 0013	Cherries, Subgroup of (including all commodities in this subgroup)	3 Po	3 Po	1.0	1.8
ADI: 0–0.07 mg/kg bw	FC 0002	Lemons and Limes (including Citron) Subgroup of (including all commodities in this subgroup)	10 Po	15 Po	0.22	0.43
ARfD: 0.3 mg/kg bw	FC 0003	Mandarins (including Mandarin-like hybrids) Subgroup of (including all commodities in this subgroup)	10 Po	15 Po	0.22	0.43
	OR 0001	Orange oil	1850	2800	777	

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	FC 0004	Oranges, Sweet, Sour (including orange-like hybrids) Subgroup of (including all commodities in this subgroup)	10 Po	15 Po	0.22	0.43
	FS 0247	Peach	0.7 Po	1.5 Po	0.59	0.60
	FS 0353	Pineapple	2 Po	4 Po	0.16	0.19
	FS 0014	Plums, Subgroup of (includes all commodities in this subgroup)	0.4 Po	0.5 Po	0.15	0.23
	FC 0005	Pumelo and grapefruit (including Shaddock-like hybrids)Subgroup of (including all commodities in this subgroup)	4 Po	6 Po	0.11	0.16
Definition of the residue for compliance with the MRL for plant and animal commodities: <i>propiconazole</i> .						
Definition of the residue for dietary risk assessment for plant and animal commodities: <i>propiconazole plus all metabolites convertible to 2,4-dichloro-benzoic acid, expressed as propiconazole</i> .						
<i>The residue is fat-soluble</i>						
Pydiflumetofen (309)*	DF 0269	Dried grapes (= Currants, Raisins and Sultanas)	4	-	0.71	2.1
ADI: 0–0.1 mg/kg bw ARfD: 0.3 mg/kg bw	FB 2008	Small fruit vine climbing, Subgroup of (includes all commodities in this subgroup)	1.5	-	0.29	0.85
	JF 0269	Grape juice			0.017	
		Grape must			0.31	
		Grape seed oil, refined			0.30	
		Red wine			0.039	
		White wine			0.091	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant commodities: <i>Pydiflumetofen</i>						
Definition of the residue for compliance with the MRL for animal commodities: <i>Pydiflumetofen</i>						
Definition of the residue for dietary risk assessment for animal commodities other than mammalian liver and kidney: <i>Sum of pydiflumetofen and 2,4,6-trichlorophenol (2,4,6-TCP) and its conjugates, expressed as pydiflumetofen</i>						
Definition of the residue for dietary risk assessment for mammalian liver and kidney: <i>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</i>						
<i>The residue is fat-soluble</i>						
Pyraclostrobin (210)	FP 0226	Apple	W	0.5		
ADI: 0–0.03 mg/kg bw	VS 0621	Asparagus	0.01*	-	0.01	0.01
ARfD: 0.7 mg/kg bw	FI 0326	Avocado	0.2	-	0.053	0.104
	VP 2060	Beans with pods, subgroup of, except common bean	0.3	-	0.07	0.11
	VP 0523	Broad bean, without pods (succulent seeds)	0.01	-	0.01	0.01
	SB 0715	Cacao beans	0.01	-	0.01	-
	VR 0577	Carrot	W	0.5		
	VS 0624	Celery	1.5	-	0.15	0.61
	VP 0526	Common bean	0.6	-	0.13	0.37
	VP 2845	Common beans (succulent seeds)	0.3	-	0.01	0.27
	VD 2066	Dry peas, Subgroup of (includes all commodities in this subgroup)	0.3	-	0.059	-

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	MO 0105	Edible offal (Mammalian)	0.05	0.05*	0.015	0.044
	VL 0482	Lettuce, head	40	2	9.33	19.7
	MF 0100	Mammalian fats (except milk fats)	0.5	-	0.166	0.48
	MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)	0.5 (fat)	Muscle: 0.0181 Fat: 0.166	Muscle: 0.052 Fat: 0.48
	FI 0345	Mango	0.6	0.05*	0.11	0.35
	ML 0106	Milks	0.03	0.03	0.0095	-
	SO 0305	Olives for oil production	0.01	-	0.01	0.01
	OC 0305	Olive oil, Virgin	0.07	-	0.062	-
	VP 2061	Peas with pods, Subgroup of	0.3	-	0.075	0.12
	VP0063	Peas (pods and succulent=immature seeds)	W	0.02*		
	FI 0351	Passion fruit	0.2	-	0.045	0.1
	FI 0353	Pineapple	0.3	-	0.002	0.002
	FP 0009	Pome fruits (includes all commodities in this group)	0.7	-	0.12	0.69
	VR 0589	Potato	W	0.02*		
	VR 0494	Radish	W	0.5		
	GC 0649	Rice	1.5	-	0.195	-
	CM 0649	Rice, Husked	0.09	-	0.02	-
	CM 1205	Rice, Polished	0.03	-	0.01	-
	AS 0649	Rice straw and fodder, dry	5 (dw)	-	Median: 0.856 (as)	Highest: 2.65 (as)
	VR 2070	Root vegetables, Subgroup of (includes all commodities in this subgroup)	0.5	-	0.12	0.3
	VL 0502	Spinach	1.5	-	0.09	0.91
	VP 2063	Succulent peas without pods, Subgroup of (includes all commodities in this subgroup)	0.08	-	0.01	0.07
	GS 0659	Sugar cane	0.08	-	0.0265	0.045
	FT 0305	Table olives	0.01	-	0.01	0.01
	DT 1114	Tea, Green, Black (black, fermented and dried)	6	-	0.965	-
	VR 2071	Tuberous and corm vegetables, subgroup of (includes all commodities in this subgroup)	0.02*	-	0	0
	VL 2832	Witloof chicory (leaves/sprouts)	0.09	-	0.029	0.04
		Cooked spinach			0.07	0.72
	CM 1206	Rice Bran, Unprocessed			0.14	
		Rice flour			0.004	
		Refined sugar			0.0025	
		Tea infusion			0.0009	

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

(as) as received

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Pyriofenone (310)*	FB 0264	Cane berries, Subgroup of (includes all commodities in this subgroup)	0.9		0.265	
ADI: 0–0.09 mg/kg bw	FB 2006	Bush berries, Subgroup of (includes all commodities in this subgroup)	1.5		0.34	
ARfD: Unnecessary	DF 0226	Dried grapes (=Currants, Raisins and Sultanas)	2.5		0.64	
	VC 0045	Fruiting vegetables, Cucurbits, Group of (includes all commodities in this group)	0.2		0.04	
	FB 2009	Low growing berries, Subgroup of (includes all commodities in this subgroup)	0.5		0.17	
	FB 2008	Small fruit vine climbing, Subgroup of (includes all commodities in this subgroup)	0.8		0.23	
	JF 0269	Grape juice			0.014	
		Grape must			0.10	
		Grape wine			0.032	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>Pyriofenone</i>						
Pyriproxyfen (200)	VC 0424	Cucumbers	0.04		0.01	
ADI: 0–0.1 mg/kg bw	VO 0440	Eggplant	0.6		0.17	
ARfD: Unnecessary	VC 0425	Gherkins	0.04		0.01	
	VC 0046	Melons, except Watermelon	0.07		0.016	
	FI 0350	Papaya	0.3		0.07	
	VO 0051	Peppers	0.6		0.17	
	HS 0444	Peppers chili, dried	6		1.7	
	FI 0353	Pineapple	0.01		0.01	
	VC 0431	Summer squash	0.04		0.01	
	VO 0448	Tomato	0.4		0.1	
		Canned pepper			0.014	
		Canned tomato			0.018	
		Ketchup			0.067	
		Tomato Juice			0.018	
		Tomato Purée			0.12	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>pyriproxyfen. The residue is fat-soluble.</i>						
Sulfoxaflor (252)	MO 0105	Edible offal (Mammalian)	1	0.6	Liver: 0.44 Kidney: 0.28	Liver: 0.95 Kidney: 0.68
ADI: 0–0.05 mg/kg bw	GC 0645	Maize	0.01*		0.007	
ARfD: 0.3 mg/kg bw	AS 0645	Maize fodder (dry)	0.6	-	Median: 0.16 (as)	Highest: 0.38 (as)
	MF 0100	Mammalian fats	0.2	0.1	0.06	0.19
	MM 0095	Meat (mammalian except marine mammals)	0.4	0.3	0.16 muscle 0.06 fat	0.39 muscle 0.19 fat
	ML 0106	Milks	0.3	0.2	0.14	-

Pesticide (Codex reference number)	CCN	Commodity	Recommended Maximum residue level (mg/kg)		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	PM 0110	Poultry meat	0.7	0.1	0.64	0.64
	GC 0649	Rice	7		1.95	
	CM 1205	Rice, polished	1		0.27	
	CM 0649	Rice, husked	1.5		0.39	
	AS 0649	Rice straw and fodder (dry)	20	-	Median 1.5 (as)	Highest: 10.4 (as)
	GC 0651	Sorghum	0.2		0.03	
	AS 0651	Sorghum straw and fodder (dry)	0.7	-	Median 0.14 (as)	Highest: 0.43 (as)
	GC 0447	Sweet corn (corn-on-the- cob) (kernels plus cobs with husks removed)	0.01*		0	
	TN 0085	Tree nuts, Group of (includes all commodities in this group)	0.03	-	0.01	0.02
	PE 0112	Eggs			0.07	0.07
	PO 0111	Poultry edible offal			0.18	0.18
	PF 0111	Poultry fats			0.02	0.02
		Rice, flour			0.20	-
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>sulfoxaflor</i> . The residue is not fat soluble (as) as received						
Tioxazafen (311)*	AB 1204	Cotton gin trash	0.02		Median: 0.00635 (as)	Highest: 0.0098 (as)
ADI: 0–0.05 mg/kg bw	SO 0691	Cottonseed	0.01*		0	
ARfD: 0.5 mg/kg bw	MO 0105	Edible offal (mammalian)	0.03		0.01	0.025
	PE 0112	Eggs	0.02*		0	0.02
	GC 0645	Maize	0.01*		0	
	AS 0645	Maize fodder	0.03 (DM)		Median: 0.005 (as)	Highest: 0.013 (as)
	MF 0100	Mammalian fats (except milk fats)	0.03		0.01	0.025
	MM 0095	Meat (from mammals other than marine mammals)	0.02		0.01	0.02
	ML 0106	Milks	0.02		0.01	
	PO 0111	Poultry edible offal	0.02*		0.02	0.02
	PF 0111	Poultry fat	0.02*		0.01	0.02
	PM 0110	Poultry meat	0.02*		0.01	0.02
	VD0541	Soya bean (dry)	0.04		0.0125	
	AL 0541	Soya bean fodder	0.4(DM)		Median: 0.069 (as)	Highest: 0.17 (as)
	AB 1265	Soya bean meal	0.06		0.017	
	OR 0541	Soya bean oil, Refined			0	
Definition of the residue for compliance with the MRL and dietary risk assessment for plant and animal commodities: <i>sum of tioxazafen and benzamidine (benzenecarboximidamide)</i> , expressed as <i>tioxazafen</i> . The residue is not fat soluble. (as) as received						