CODEX ALIMENTARIUS COMMISSION

Food and Agriculture Organization of the United Nations

World Health Organization

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TO: Codex Contact Points
Interested International Organizations

FROM: Secretariat,
Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme
FAO, Viale delle Terme di Caracalla, 00153 Rome, Italy

SUBJECT: **REQUEST FOR COMMENTS ON THE RECOMMENDATIONS OF THE 2012 JOINT FAO/WHO MEETING ON PESTICIDE RESIDUES (JMPR)[1] AND PESTICIDE MRLS AT STEP 6 OF THE PROCEDURE**

DEADLINE: **15 February 2013**

COMMENTS:

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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 Rome, Italy, from 11 to 20 September 2012. The following extracts of the results of the annual Joint FAO/WHO Meeting on Pesticide Residues (JMPR) are provided to make them accessible to interested parties at an early date.

2. The Meeting evaluated 31 pesticides, of which 7 were new compounds, and 7 were re-evaluated within the periodic review programme of the Codex 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 the 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. Application of HR levels is explained in the report of the 1999 Meeting (section 2.4). The allocations and estimates are shown in the table.

4. Pesticides for which the estimated dietary intakes might, on the basis of the available information, exceed their ADIs are marked with footnotes, as explained in detail in the report of the 1999 Meeting (section 2.2). Footnotes 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 programme.

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 maximum limits for pesticide residues and other documents and working documents of the Codex Alimentarius Commission. Both compounds and commodities are listed in alphabetical order.

6. Apart from the abbreviations indicated above, the following qualifications are used in the Table.

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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 Annex is also available from the website below:

FAO weblink: http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/JMPR/2012_JMPR_Summary_Report__F2_.pdf
WHO weblink: http://www.who.int/foodsafety/chem/jmpr/summary_2012.pdf

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:

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REQUEST FOR COMMENTS

9. Member governments and interested international organizations having grated observer status in Codex wishing to submit comments on the newly proposed draft MRLs that correspond to Step 3 of the Codex Procedure as proposed by the 2012 JMPR and also on other recommendations which are relevant to the work of the 45th Session of the Codex 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*), **preferably by email**, to the addresses and by the deadline indicated on cover page.

B. MRLS AT STEP 6 OF THE PROCEDURE

10. The 35th Session of the Commission adopted the proposed draft MRLs as proposed in Appendix IV of REP12/PR at Step 5 and advanced them to Step 6, (see REP11/CAC, para. 128 and Appendix IV), that have been developed by the 44th Session of the Codex Committee on Pesticide Residues.

11. These documents were previously distributed to the Codex Contact Points and are available from the following website: http://www.codexalimentarius.org under Meetings and Reports.

12. Member governments and interested international organizations having granted observer status in Codex wishing to submit comments on the draft MRLs at Step 6 of the Codex Procedure should do so in writing, in conformity with the Procedures for the Elaboration of Codex Standards and Related Texts (*Codex Alimentarius Procedural Manual*), **preferably by email**, to the addresses and by the deadline indicated on cover page.

ANNEX 1

ACCEPTABLE DAILY INTAKES, SHORT-TERM DIETARY INTAKES, ACUTE REFERENCE DOSES, RECOMMENDED MAXIMUM RESIDUE LIMITS AND SUPERVISED TRIALS MEDIAN RESIDUE VALUES RECORDED BY THE 2012 MEETING

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Acetamiprid (246) ADI: 0–0.07 mg/kg bw ARfD: 0.1 mg/kg bw	VL 0053	Leafy vegetables (except spinach)	3 [a]	3	0.64	1.9
Definition of the residue (for compliance with the MRL for plant commodities and for estimation of dietary intake for plant and animal commodities): *acetamiprid*. Definition of the residue (for compliance with the MRL for animal commodities and for estimation of dietary intake for plant and animal commodities): *sum of acetamiprid and its desmethyl (IM-2-1) metabolite, expressed as acetamiprid*. *The residue is not fat-soluble.* [a] On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for acetamiprid that for children the consumption of lettuce, leaf; Chinese cabbage, type pak-choi; Chinese cabbage, type pe-tsai; spinach and endive was less than the ARfD.						
Ametoctradin (253)	VB 0040	Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas	9		nn	7.5 (ldb)
ADI: Unnecessary	VS 0624	Celery	20		nn	Nn
ARfD: Unnecessary	VC 0424	Cucumber	0.4		nn	Nn
	DF 0269	Dried grapes (=currants, raisins and sultanas)	20		4.1	
	PE 0112	Eggs	0.03*		nn	Nn
	VC 0045	Fruiting vegetables, Cucurbits, except cucumber	3		nn	Nn
	VO 0050	Fruiting vegetables, other than cucurbits, except sweet corn and except mushroom	1.5		0.16 (ldb)	Nn
	VA 0381	Garlic	1.5		nn	Nn
	FB 0269	Grapes	6		0.605 (ldb)	Nn
	DH 1100	Hops, dry	30		nn	Nn
	VL 0053	Leafy vegetables	50		nn	35 (ldb)
	VA 0385	Onion, Bulb	1.5		nn	Nn
	HS 0444	Peppers Chili, dried	15		nn	Nn
	VR 0589	Potato	0.05		nn	0.01 (ldb)
	PF 0111	Poultry fats	0.03*		nn	Nn
	PM 0110	Poultry meat	0.03*		nn	Nn
	PO 0111	Poultry, Edible offal of	0.03*		nn	Nn
	VA 0388	Shallot	1.5		nn	Nn
	VA 0389	Spring Onion	20		nn	Nn
Definition of the residue for compliance with the MRL for plant commodities: *ametoctradin.* Definition of the residue for compliance with the MRL for animal commodities: *sum of ametoctradin, M650F01 and M650F06, expressed as Ametoctradin.* *The residue is not fat-soluble* nn: not needed ldb: STMR needed for livestock dietary burden calculation						

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Azoxystrobin (229)	FT 0289	Carambola	0.1		0.023	
ADI: 0–0.2 mg/kg bw	DV 0604	Ginseng, dried including red ginseng	0.3		0.069	
ARfD: Unnecessary	DM 0604	Ginseng, extracts	0.5		0.12	
		Ginseng processed products(dried, red, ethanol and water extracts)	W	0.5		
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities*: azoxystrobin.* *The residue is fat soluble.*						
Bentazone (172) ADI: 0–0.09 mg/kg bw ARfD: Unnecessary Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: *Sum of bentazone, 6-hydroxybentazone and 8-hydroxybentazone expressed as bentazone.* Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for animal commodities: *Bentazone.*						
Buprofezin (173) ADI: 0–0.009 mg/kg bw ARfD: 0.5 mg/kg bw	FI 0327 DT	Banana Tea, Green	0.3 30		0.01 9.0	0.01
For compliance with the MRL and for estimation of dietary intake for plant and animal commodities: *buprofezin*. *The residue not fat soluble.*						
Carbofuran (096) ADI: 0–0.001 mg/kg bw ARfD: 0.001 mg/kg bw	FI 0327	Banana	0.01*	0.02*	0.01	0.01
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: carbofuran and 3-hydroxy carbofuran expressed as carbofuran. *The residue is not fat-soluble.*						
Chlorfenapyr (254) ADI: 0–0.03 mg/kg bw ARfD: 0.03 mg/kg bw *Definition of the residue (for compliance with the MRL) for plant and animal commodities: chlorfenapyr* *Definition of the residue (for estimation of dietary intake) for plant and animal commodities*: *a conclusion could not be reached.* *The residue is fat soluble.*						
Chlorothalonil (081) ADI: 0–0.02 mg/kg bw ARfD: 0.6 mg/kg bw	FI 0327 VL 0464	Bananas Chard	15 50	0.01* [a]	Chlorothalonil: 0.033 [b] Chlorothalonil: 16	Chlorothalonil: 0.71 [b] Chlorothalonil: 19
*Definition of the residue f*or compliance with MRL for plant commodities: chlorothalonil. Definition of the residue for estimation of dietary intake for plant commodities: *chlorothalonil - SDS-3701 (2,5,6-trichloro-4-hydroxyisophthalonitrile) all considered separately.*						

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Definition of the residue for compliance with MRL and for estimation of dietary intake for animal commodities: *SDS-3701 (2,5,6-trichloro-4-hydroxyisophthalonitrile).* *The residue is not fat-soluble*. [a] Based on bagged bananas [b] For banana pulp						
Chlorpyrifos-methyl (090) ADI: 0–0.01 mg/kg bw ARfD: 0.1 mg/kg bw For compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: *chlorpyrifos-methyl.* *The residue is fat-soluble.*	GC 0645	Maize	W	3 Po		
Cycloxydim (179) ADI:0–0.07 mg/kg bw ARfD: 2 mg/kg bw for Women of childbearing Age. Not necessary for the general population.	VD 0071	Beans, dry	30	2	4.4	
	VP 0061	Beans except broad bean & soya bean (green pods & immature seeds)	15		0.35	11
	VR 0574	Beetroot	0.2		0.09	0.10
	VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	9	2	1.95	6
	VR 0577	Carrot	5	0.5	0.44	3
	VR 0578	Celeriac	1		0.13	0.64
	MO 0105	Edible offal (Mammalian)	0.5		0.098	0.403
	PE 0112	Eggs	0.15		0.018	0.092
	FB 0269	Grapes	0.3	0.5	0.11	0.18
	VL 4355	Kale, curly	3		0.65	1.1
	VA 0384	Leek	4		0.36	2.3
	VL 0482	Lettuce, Head	1.5	0.2	0.335	1
	VL 0483	Lettuce, Leaf	1.5	0.2	0.335	1
	SO 0693	Linseed	7		1.9	
	MF 0100	Mammalian fats (except milk fats)	0.1		0.021	0.066
	GC 0645	Maize	0.2		0.09	
	AS 0645	Maize fodder (dry)	3		0.247	1.1
	MM 0095	Meat (from mammals other than marine mammals)	0.06		0.021	0.047
	ML 0106	Milks	0.02		0.005	
	VA 0385	Onion, Bulb	3		0.31	1.43
	VP 0063	Peas (pods and succulent=immature seeds)	W	1		
	VP 0072	Peas (dry)	30		5.6	
	VP 0064	Peas, Shelled (succulent seeds)	15	2	2.7	
	VO 0051	Peppers	9		1.55	5.3
	HS 0444	Peppers Chilli, dried	90		15.5	53
	FP 0009	Pome fruits	0.09*		0.09	0.09
	VR 0589	Potato	3	2	0.735	1.6
	PM 0110	Poultry meat	0.03*		0	0.03
	PF 0111	Poultry fats	0.03*		0	0.03
	PO 0111	Poultry, Edible offal of	0.02		0.005	0.014
	SO 0495	Rape seed	7	2	1.9	
	GC 0649	Rice	0.09*		0.09	
	AS 0649	Rice straw or fodder Dry	0.09		0.09	0.09
	VD 4521	Soya bean (dry)	80	2	13	
	FS 0012	Stone fruits	0.09*		0.09	0.09
	FB 0275	Strawberry	3	0.5	0.53	1.4
	VR 0596	Sugar beet	0.2	0.2	0.09	0.10

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	SO 0702	Sunflower seed	6		0.375	
	VR 0497	Swede	0.2		0.09	0.10
	VO 0448	Tomato	1.5		0.445	0.89
Definition of the residue for compliance with maximum residue levels and estimation of dietary intake in 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.						
Cyfluthrin/beta-cyfluthrin (157)	VB 0041	Cabbages, Head	0.08	4	0.01	0.05
ADI: 0–0.04 mg/kg bw	MO 0105	Edible offal (mammalian)	0.02		0.005	0.01
ARfD: 0.04 mg/kg bw	MO 0098	Kidney of cattle, goats, pigs and sheep	W	0.05		
	MO 0099	Liver of cattle, goats, pigs and sheep	W	0.05		
	MM 0095	Meat (from mammals other than marine mammals)	0.2 fat	1.0	0.07 (fat) 0.01 (muscle)	0.16 (fat) 0.01 (muscle)
	ML 0106	Milks	0.01	0.04	0.004	
	VD 0541	Soya bean (dry)	0.03		0.01	
	AL 0541	Soya bean fodder	4		1.15 (fw)	2.2 (fw)
Definition of the 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.						
Cyromazine (169)	VD 0524	Chick-pea (dry)	3		1.0	
ADI: 0–0.06 mg/kg bw	VD 0533	Lentil (dry)	3		1.0	
ARfD: 0.1 mg/kg bw	VD 0545	Lupin (dry)	3		1.0	
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: c*yromazine*						
Dichlorvos (025)	GC 0080	Cereal grains	W	5		
ADI: 0–0.004 mg/kg bw	MO 0105	Edible offal (mammalian)	0.01 *		0	
ARfD: 0.1 mg/kg bw	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	
	ML 0106	Milks	0.01 *		0	
	PF 0111	Poultry fat	0.01 *		0	
	PM 0110	Poultry meat	0.01 *		0	
	PO 0111	Poultry, Edible offal of	0.01 *		0	
	GC 0649	Rice	7		2.8	5.2
	CM 1206	Rice bran, Unprocessed	15 PoP		2.94	5.46
	CM 0649	Rice, Husked	1.5 PoP		0.45	0.83
	CM 1205	Rice, Polished	0.15 PoP		0.014	0.03
	GC 0654	Wheat	7 Po		2.2	4.1
	CM 0654	Wheat bran, Unprocessed	15 PoP	10	4.33	
	CF 1211	Wheat flour	0.7PoP	1	0.22	
	CF 1210	Wheat germ	W	10		
	CF 1212	Wheat wholemeal	3 PoP	2	0.88	
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: *dichlorvos.* *The residue is not fat soluble.*						

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** **New**	**Previous**	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Dicofol (026)	VD 0071	Beans (dry)	W	0.1		
ADI: 0–0.002 mg/kg bw	MM 0812	Cattle meat	W	3(fat)		
ARfD: 0. 2 mg/kg bw	MO 0812	Cattle, Edible offal of	W	1		
	FS 0013	Cherries	W	5		
	FC 0001	Citrus fruits	W	5		
	VP 0526	Common bean (pods and/or immature seeds)	W	2		
	SO 0691	Cotton seed	W	0.1		
	OC 0691	Cotton seed oil, Crude	W	0.5		
	OR 0691	Cotton seed oil, Edible	W	0.5		
	VC 0424	Cucumber	W	0.5		
	PE 0112	Eggs	W	0.05		
	FB 0269	Grapes	W	5		
	DH 1100	Hops, Dry	W	50		
	VC 0046	Melons, except watermelon	W	0.2		
	ML 0106	Milks	W	0.1		
	FS 0247	Peach	W	5		
	TN 0672	Pecan	W	0.01*		
	VO 0051	Peppers	W	1		
	HS 0444	Peppers Chili, dried	W	10		
	FS 0014	Plums (including prunes)	W	1		
	PM 0110	Poultry meat	W	0.1(fat)		
	PO 0111	Poultry, Edible offal of	W	0.05*		
	DF 0014	Prunes	W	3		
	VC 0431	Squash, summer	W	1		
	DT 1114	Tea, Green, Black (black, fermented and dried)	40[a]	50	11.2	15.6
	TN 0678	Walnuts	W	0.01*		
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: *Dicofol (sum of o,p' and p,p' isomers)*						
Residue is fat-soluble.						
[a] DDT may be present in tea as a result of its presence as a contaminant in the technical grade dicofol.						
Dinotefuran (255)	VB 0040	Brassica (Cole or Cabbage) Vegetables, Head Cabbage, Flowerhead Brassicas	2		0.40	1.1
ADI: 0–0.2 mg/kg bw	VS 0624	Celery	0.6		0.435	0.67
ARfD: 1 mg/kg bw	SO 0691	Cotton seed	0.2		0.15	
	FB 0265	Cranberry	0.15		0.065	0.1
	DF 0269	Dried grapes (= currants, Raisins and Sultanas)	3		0.81	2.479
	MO 0105	Edible offal (Mammalian),	0.1		0.03	0.076
	PE 0112	Eggs	0.02*		0	0
	VC 0045	Fruiting vegetables, Cucurbits	0.5		0.25	0.33
	VO 0050	Fruiting vegetables other than Cucurbits (except sweet corn and mushrooms)	0.5		0.15	0.55
	FB 0269	Grapes	0.9		0.22	0.67
	VL 0053	Leafy vegetables	6		1.2	4.4
	MM 0095	Meat (from mammals other than marine mammals	0.1		0.03	0.062
	ML 0106	Milks	0.1		0.039	
	FS 0245	Nectarine	0.8		0.28	0.57
	VA 0385	Onion, Bulb	0.1		0.04	0.09
	FS 0247	Peach	0.8		0.28	0.57
	HS 0444	Peppers, Chili, dried	5		1.75	5.0

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** **New**	**Previous**	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	PO 0111	Poultry, Edible offal of	0.02*		0	0
	PM 0110	Poultry meat	0.02*		0	0
	GC 0649	Rice	8		3.3	
	GC 1205	Rice, Polished	0.3		0.132	
	AS 0649	Rice straw and fodder, Dry	6		1.6	4.3
	VA 0389	Spring Onion	4		0.91	2.3
	VL 0473	Watercress	7		2.9	3.8
	OR 0691	Cotton seed oil			0.0105	
	JF 0269	Grape juice			0.264	
	CM 1206	Rice bran, Unprocessed			0.264	
	CM 1207	Rice hulls			2.112	
	VW 0448	Tomato paste			0.46	
		Tomato puree			0.16	
Definition of the residue (for compliance with the MRL) for plant commodities: dinotefuran Definition of the residue (for estimation of dietary intake) for plant commodities: *Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) and 1-methyl-3-(tetrahydro-3furylmethyl)guanidium dihydrogen (DN) expressed as dinotefuran*. Definition of the residue (for compliance with the MRL and estimation of dietary intake) for animal commodities: *Sum of dinotefuran, 1-methyl-3-(tetrahydro-3furylmethyl) urea (UF) expressed as dinotefuran.* *The residue is not fat soluble.*						
Fenbuconazole (197) ADI: 0–0.03 mg/kg bw ARfD: 0.2 mg/kg bw Definition of the residue for compliance with the MRL and for estimation of dietary intake for plant and animal commodities: *fenbuconazole*. *The residue is fat-soluble.*						
Fenpropathrin (185) ADI: 0–0.03 mg/kg bw ARfD: 0.03 mg/kg bw For compliance with the MRLs and for estimation of the dietary intake: *fenpropathrin.* *The residue is fat-soluble.*						
Fenvalerate (119) ADI: 0–0.02 mg/kg bw ARfD: 0.2 mg/kg bw	AL 1020	Alfalfa fodder	W	20		
	VP 0062	Beans, Shelled	W	0.1		
	VP 0061	Beans, except broad beans and soya beans	W	1		
	FB 0018	Berries and other small fruits	W	1		
	VB 0400	Broccoli	W	2		
	VB 0401	Broccoli, Chinese	3		0.81	1.8
	VB 0402	Brussels sprouts	W	2		
	VB 0041	Cabbages, Head	W	3		
	VB 0404	Cauliflower	W	2		
	VX 0624	Celery	W	2		
	GC 0080	Cereal grains	W	2 (Po)		
	FS 0013	Cherries	W	2		
	VL 0466	Chinese cabbage (type pack-choi)	W	1		
	FC 0001	Citrus fruits	W	2		
	SO 0691	Cotton seed	W	0.2		
	OC 0691	Cotton seed oil, Crude	W	0.1		
	OR 0691	Cotton seed oil, Edible	W	0.1		
	VC 0424	Cucumber	W	0.02		
	MO 0105	Edible offal (mammalian)	W	0.02		

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg**		**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
			New	**Previous**		
	VL 0480	Kale (including among others: Collards, Curly kale, Scotch kale, thousand-headed kale; not including Marrow-stem kale)	W	10		
	FI 0341	Kiwifruit	W	5		
	VL 0482	Lettuce, Head	W	2		
	FI 0345	Mango	1.5	-	0.39	0.48
	MM 0095	Meat (from mammals other than marine mammals)	W	1 (fat)		
	VC 0046	Melons, except watermelons	W	0.2		
	ML 0106	Milks	W	0.1F		
	FS 0247	Peach	W	5		
	SO 0703	Peanut, whole	W	0.1		
	VP 0064	Peas, Shelled (succulent seeds)	W	0.1		
	VO 0445	Peppers, Sweet (including pimento or pimiento)	W	0.5		
	FP 0009	Pome fruits	W	2		
	VR 0075	Root and tuber vegetables	W	0.05		
	VD 0541	Soya bean (dry)	W	0.1		
	VC 0431	Squash, summer	W	0.5		
	SO 0702	Sunflower seed	W	0.1		
	VO 0447	Sweet corn (corn-on-the-cob)	W	0.1		
	VO 0448	Tomato	W	1		
	TN 0085	Tree nuts	W	0.2		
	VC 0432	Watermelon	W	0.5		
	CM 0654	Wheat bran, Unprocessed	W	5 (Po)		
	CF 1211	Wheat flour	W	0.2 (Po)		
	CF 1212	Wheat wholemeal	W	2 (Po)		
	VC 0433	Winter squash	W	2		
Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities*: sum of fenvalerate isomers.* *The residue is fat-soluble.*						
Fludioxonil (211) ADI: 0–0.4 mg/kg bw ARfD: Unnecessary	FI 0345	Mango	2		0.02	
Definition of residue for compliance with the MRLs and estimation of dietary intake in plant commodities: *fludioxonil* Definition of residue for compliance with the MRLs and estimation of dietary intake: *sum of fludioxonil and its benzopyrrole metabolites, determined as 2,2-difluorobeno[1,1]dioxole-4-carboxylic acid and expressed as fludioxonil.* *The residue is fat-soluble.*						
Fluopyram (243) ADI: 0–0.01 mg/kg bw ARfD: 0.5 mg/kg bw	FI 0327	Banana	0.8		0.175	0.51
	VD 0071	Beans (dry)	0.07		0.01	
	VR 0577	Carrot	0.4		0.09	0.19
	FS 0013	Cherries	0.7		0.205	0.47
	VD 0524	Chick-pea (dry)	0.07		0.01	
	MO 0105	Edible offal (mammalian)	W	0.7		
	PE 0112	Eggs	0.3		0.008	
	MO 0098	Kidney of cattle, goats, pigs and sheep	0.5		0.06	0.32
	VD 0533	Lentil (dry)	0.07		0.01	
	MO 0099	Liver of cattle, goats, pigs and sheep	3		0.53	2.3
	VD 0545	Lupin (dry)	0.07		0.01	

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	MM 0095	Meat (from mammals other than marine mammals)	0.5	0.1	0.05 (muscle) 0.06 (fat)	0.36 (muscle) 0.4 (fat)
	ML 0106	Milks	0.3	0.07	0.05	
	FS 0247	Peach	0.4		0.13	0.17
	SO 0697	Peanut	0.03		0.01	
	VO 0051	Peppers	0.5		0.085	0.24
	HS 0444	Peppers Chili, dried	5		0.85	2.4
	FP 0009	Pome fruits	0.5		0.135	0.28
	VR 0589	Potato	0.03		0.01	0.02
	PM 0110	Poultry meat	0.2		0.01 (muscle) 0.01 (fat)	0.13 (muscle) 0.2 (fat)
	PO 0105	Poultry, Edible offal of	0.7		0.02	0.58
	FB 0275	Strawberry	0.4		0.025	0.23
	VR 0596	Sugar beet	0.04		0.01	0.02
	VO 0448	Tomato	0.4		0.09	0.23
	TN 0085	Tree nuts	0.04		0.01	0.03
	DF 0226	Apples, dried			0.09	
	JF 0226	Apple juice			0.01	
		Apple sauce			0.05	
		Peanut butter			0.002	
	OR 0697	Peanut oil, Edible			0.0001	
		Potato (peeled)			0.006	0.013
		Potato chips (crisps)			0.006	
		Potato flakes			0.01	
		Strawberry jam			0.02	
		Strawberry preserve			0.008	
		Sugar beet (sugar)			0.01	
	JF 0448	Tomato juice			0.03	
	VW 0448	Tomato paste			0.04	
		Tomato preserve			0.02	
		Tomato puree			0.07	
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant commodities: *fluopyram.* Definition of the residue (for compliance with the MRL) for animal commodities: *Sum of fluopyram and 2-(trifluoromethyl) benzamide, expressed as fluopyram.* Definition of the residue (for estimation of dietary intake) for animal commodities: *Sum of fluopyram, 2-(trifluoromethyl)benzamide and the combined residues N-{(E)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl}-2-trifluoromethyl) benzamide and N-{(Z)-2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethenyl}-2-trifluoromethyl) benzamide, all expressed as fluopyram.* *The residue is not fat soluble.*						
Fluxapyroxad (256)						
ADI: 0-0.02 mg/kg bw ARfD: 0.3 mg/kg bw	GC 0640	Barley	2		0.535	
		Barley bran	4		1.0	
	AS 0640	Barley straw and fodder, Dry	30		4.1 dw	18
	VD 0071	Beans (dry)	0.3		0.04	
	VP 0061	Beans, except broad bean and soya bean	2		0.65	0.74
	VP 0062	Beans, shelled	0.09		0.03	0.04
	VD 0524	Chick-pea (dry)	0.4		0.04	
	SO 0691	Cotton seed	0.01*		0	
	MO 0105	Edible offal (mammalian)	0.1		0.081	0.31
	PE 0112	Eggs	0.02		0.006	0.023
	VO 0050	Fruiting vegetables other than cucurbits (except sweet corn and mushrooms)	0.6		0.07	0.44
	VD 0533	Lentil (dry)	0.4		0.04	
	GC 0645	Maize	0.01*		0.01	

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	AS 0645	Maize fodder (dry)	15		3.62 dw	6.57
	MM 0095	Meat (from mammals other than marine mammals) (fat)	0.2 (fat)		< 0.02 (muscle) 0.047 (fat)	0.033 (muscle) 0.18 (fat)
	ML 0106	Milks	0.02		0.004	0.020
	FM 0183	Milk fats	0.5		0.09	0.45
	GC 0647	Oats	2		0.535	
	AS 0647	Oat straw and fodder, Dry	30		4.1dw	18.3
	SO 0088	Oilseed (except peanut and cotton)	1.5		0.09	
	AL 0072	Pea hay or Pea fodder (dry) (dry weight)	40		11	17
	VP 0063	Peas (pods and succulent = immature seeds)	2		0.65	0.74
	VP 0064	Peas, Shelled (succulent seeds)	0.09		0.03	0.04
	SO 0697	Peanut	0.01		0.01	
	VD 0072	Peas (dry)	0.4		0.04	
	HS 0444	Peppers Chili, dried	6		0.70	4.4
	FP 0009	Pome fruits	0.9		0.30	0.47
	VR 0589	Potato	0.03		0.01	0.02
	PM 0110	Poultry meat	0.02		0.02 (meat)	0.024 (meat)
	PM 0111	Poultry fats	0.05		0.021 (fat)	0.050 (fat
	PO 0111	Poultry, Edible offal of	0.02		0.021	0.034
	DF 0014	Prunes	5		1.2	2.7
	GC 0650	Rye	0.3		0.085	
	AS 0650	Rye straw and fodder, Dry	30		4.1 dw	18
	VD 0541	Soya bean (dry)	0.15		0.01	
	AB 0541	Soya bean hulls	0.3		0.012	0.15
	VP 0541	Soya bean (immature seeds)	0.5		0.01	0.37
	AL 0541	Soya bean fodder (dry weight)	30		7.58	19.9
	VP 0546	Soya bean (young pod)	1.5		0.24	0.74
	FS 0012	Stone fruits	2		0.525	2.3
	VR 0596	Sugar beet	0.15		0.04	0.06
	VO 0447	Sweet corn (corn-on-the-cob)	0.15		0.01	0.08
	GC 0653	Triticale	0.3		0.085	
	AS 0653	Triticale straw and fodder, Dry	30		4.1dw	18
	GC 0654	Wheat	0.3		0.085	
	CM 0654	Wheat bran	1		0.25	0.61
	AS 0654	Wheat straw and fodder, Dry	30		4.1dw	18
	CF 1210	Wheat germ			0.10	0.26
Definition of the residue (for compliance with the MRL for plant and animal commodities): *Fluxapyroxad.* Definition of the residue (for estimation of dietary intake for plant commodities): *Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) and 3-(difluoromethyl)- 1-(ß-D-glucopyranosyl)-N-(3',4',5'-triflurobipheny-2-yl)-1H-pyrzaole-4-carboxamide (M700F048) and expressed as parent equivalents.* Definition of the residue (for estimation of dietary intake for animal commodities): *Sum of fluxapyroxad and 3-(difluoromethyl)- N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1H-pyrazole-4-carboxamide (M700F008) expressed as parent equivalents.* *The residue is fat soluble*						
Glufosinate ammonium (175) ADI: 0–0.01 mg/kg bw ARfD: 0.01 mg/kg bw	AM 0660	Almond hulls	W	0.5		
	VS 0621	Asparagus	0.4	0.05 *	0.05	0.27
	FI 0030	Assorted tropical and sub- tropical fruits - inedible peel (except banana)	W	0.05 *		
	FI 0030	Assorted tropical and sub- tropical fruits - inedible peel (except banana and kiwifruit)	0.1		0.05	0.05

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg**		**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
			New	**Previous**		
	FT0026	Assorted tropical and sub- tropical fruits - edible peel	0.1		0.05	0.05
	FI 0327	Banana	0.2	0.2	0.05	0.13
	AL 0061	Bean fodder	1		0.075 fw	0.63 fw
	FB 0018	Berries and other small fruits (except currants)	W	0.1	0.03	
	FB 0020	Blueberries	0.1		0.05	0.06
	VD 0523	Broad bean (dry)	W	2		
	VR 0577	Carrot	0.05	0.05 *	0.05	0.05
	FC 0001	Citrus fruits	0.05	0.1	0.05	0.05
	VD 0526	Common bean (dry)	0.05	2	0.04	
	SB 0716	Coffee beans	0.1		0.04	
	VP 0526	Common bean (pods and/or immature seeds)	0.05 *	0.05 *	0.05	0.05
	VL 0470	Corn salad	0.05	0.05 *	0.05	0.05
	SO 0691	Cotton seed	5		0.705	
	FB 0021	Currants, Black, Red, White	1	0.5	0.02	0.48
	MO 0105	Edible offal (mammalian)	3	0.1 *	0.228 K 0.55 L	0.708 K 1.85 L
	PE 0112	Eggs	0.05 *	0.05 *	0	0.02
	FB 0268	Gooseberry	0.1		0.02	0.02
	FB 0269	Grapes	0.15		0.02	0.12
	FI 0341	Kiwifruit	0.6		0.05	0.37
	VL 0482	Lettuce, Head	0.4		0.05	0.29
	VL 0483	Lettuce, Leaf	0.4		0.05	0.29
	GC 0645	Maize	0.1	0.1	0.05	
	AS 0645	Maize fodder (dry)	8	10	0.78 fw	5.3fw
	AF 0645	Maize forage	W	5	0.66 fw	1.6 fw
	MM 0095	Meat (from mammals other than marine mammals)	0.05	0.05 *	0.026 M 0.028 F	0.05 M 0.062 F
	ML 0106	Milks	0.02 *	0.02 *	0.01	0.020
	VA 0385	Onion, Bulb	0.05	0.05	0.05	0.05
	VD 0072	Peas (dry)	W	3		
	FP 0009	Pome fruits	0.1	0.05 *	0.05	0.08
	VR 0589	Potato	0.1	0.5	0.05	0.05
	PM 0110	Poultry meat	0.05 *	0.05 *	0	0.02
	PO 0111	Poultry, Edible offal of	0.1 *	0.1 *	0	0.04
	DF 0014	Prunes	0.3		0.09	
	SO 0495	Rape seed	1.5	5	0.225	
	OC 0495	Rape seed oil, Crude	0.05 *	0.05 *		
	FB 0272	Raspberries, Red, Black	0.1		0.03	0.03
	GC 0349	Rice	0.9		0.09	
	AS 0649	Rice straw and fodder, dry	2		0.26 fw	1.3 fw
	VD 0541	Soya bean (dry)	3	2	0.825	
	FS 0012	Stone fruits	0.15	0.05 *	0.05	0.08
	FB 0275	Strawberry	0.3		0.02	0.15
	VR 0596	Sugar beet	1.5	0.05 *	0.28	
	DM 0596	Sugar beet molasses	8		1.24	
	SO 0702	Sunflower seed	3	5	0.47	
	OC 0702	Sunflower seed oil, crude	0.05 *	0.05 *		
	TN 0085	Tree nuts	0.1	0.1	0.05	0.05

Definition of the residue for compliance with MRL and estimation of dietary intake (for animal and plant commodities*):*
sum of glufosinate, 3-[hydroxy(methyl)phosphinoyl]propionic acid (MPP) and N-acetyl-glufosinate (NAG), calculated as glufosinate (free acid).

The residue is not fat soluble.
fw - fresh weight basis K - Kidney L – Liver

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Imidacloprid (206)	VS 0624	Celery	6		0.365	
ADI: 0–0.06 mg/kg bw	VD 0072	Peas (dry)	W	2		
ARfD: 0.4 mg/kg bw	VD 0070	Pulses (except soya beans)	2		0.62	
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities*: Sum of imidacloprid and its metabolites containing the 6-chloropyridinyl moiety, expressed as imidacloprid.*						
Indoxacarb (216)	VL 0483	Lettuce, Leaf	3	15	0.52	1.6
ADI: 0–0.01 mg/kg bw						
ARfD: 0.1 mg/kg bw						
Definition of the residue for compliance with the MRL (for animal and plant commodities) and for estimation of dietary intake for plant commodities: *sum of indoxacarb and its R enantiomer.* Definition of the residue for estimation of dietary intake for animal commodities: *sum of indoxacarb, its R enantiomer and methyl 7-chloro-2,5-dihydro-2-[[[4-(trifluoromethoxy)phenyl] amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate, expressed as indoxacarb.* *The residue is fat-soluble.*						
MCPA (257)	GC 0640	Barley	0.2		0.05	
ADI: 0–0.1 mg/kg bw	AS 0640	Barley straw and fodder, Dry	50		10.5	28.9
ARfD: 0.6 mg/kg bw	PE 0112	Eggs	0.05*		0.05	0.05
	SO 0693	Flax-seed	0.01*		0	
	AS 0162	Hay or fodder (dry) of grasses	500		74.35	217
	MO 0105	Edible offal (mammalian)	3		1.33	2.20
	GC 0645	Maize	0.01*		0	
	AS 0645	Maize straw and fodder, Dry	0.3		0.25	0.25
	MF 0100	Mammalian fats	0.2		0.13	0.16
	MM 0095	Meat from mammals other than marine mammals	0.1		0.08	0.08
	ML 0106	Milks	0.04		0.013	0.035
	GC 0647	Oat	0.2		0.05	
	AF 0647	Oat straw and fodder, Dry	50		10.5	28.9
	VD 0072	Peas, dry	0.01*		0	
	PF 0111	Poultry meat	0.05*		0.05	0.05
	PF 0110	Poultry fats	0.05*		0.05	0.05
	PO 0111	Poultry, Edible offal of	0.05*		0.05	0.05
	GC 0650	Rye	0.2		0.05	
	AF 0650	Rye straw and fodder, Dry	50		10.5	28.9
	GC 0653	Triticale	0.2		0.05	
	AS 0653	Triticale straw and fodder, Dry	50		10.5	28.9
	GC 0654	Wheat	0.2		0.05	
	AF 0654	Wheat straw and fodder, Dry	50		10.5	28.9
	CM 0654	Wheat bran			0.024	
	CF 1211	Wheat flour			0.024	
	CF 1210	Wheat germ			0.024	
Definition of the residue for compliance with the MRL for plant and animal commodities: *MCPA* Definition of the residue for estimation of dietary intake for plant commodities: *Sum of MCPA, its conjugates, esters and salts, all expressed as MCPA.* Definition of the residue for the estimation of dietary intake for animal commodities: *Sum of MCPA and its conjugates, expressed as MCPA.* *The residue is not fat-soluble*						

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Methoxyfenozide (209)	FC 0001	Citrus fruits	2	0.7	0.28	1.7
ADI: 0–0.1 mg/kg bw	JF 0001	Citrus juice			0.062	
ARfD: 0.9 mg/kg bw	OR 0001	Citrus oil, Edible			12	
	AB 0001	Citrus pulp, Dry			0.31	
	VP 0526	Common bean (pods and/or immature seeds)		2	0.065	0.99
	MO 0105	Edible offal (mammalian)	0.2	0.1	0.025	0.096
	VC 0045	Fruiting vegetable, cucurbits, except watermelon	0.3		0.091	0.15
	MF 0100	Mammalian fats (except milk fats)	0.3	0.2	0.036	0.24
	MM 0095	Meat (from mammals other than marine mammals)	0.3 (fat)	0.2 (fat)	0.036 (fat) < 0.003 (muscle)	0.24 (fat) 0.0062 (muscle)
	VD 0072	Peas (dry)	5		0.17	
	VP 0063	Peas (pods and succulent=immature seeds)	2		0.1	0.81
	VA 0389	Spring Onion	6		0.48	2.8
Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: *methoxyfenozide* *The residue is fat-soluble, but is not classified as fat-soluble with respect to its distribution in milk.*						
Penthiopyrad (253)	AL 1020	Alfalfa, fodder	20 (DM)		2.9 (fw)	16 (fw)
ADI: 0–0.1 mg/kg bw	AM 0660	Almond hulls	6 (DM)		2.4 (fw)	3.1 (fw)
ARfD: 1 mg/kg bw	GC 0640	Barley	0.15		0.02	
	AS 0640	Barley, straw and fodder	80 (DM)		21 (fw)	54 (fw)
	VP 0061	Beans, except broad bean and soya bean (green pods and immature seeds)	3		0.9	1.6
	VP 0062	Beans, Shelled	0.3		0.0685	0.16
	VB 0041	Cabbages, Head	4		0.4	2.4
	VR 0577	Carrots	0.6		0.09	0.41
	VX 0624	Celery	15		3.1	8.8
		Cotton gin trash	20 (DM)		4.55	
	SO 0691	Cotton seed	0.5		0.17	
	HS 0444	Peppers Chili, dried	14		See fruiting vegetables, other cucurbits, except sweet corn and mushroom	See fruiting vegetables, other cucurbits, except sweet corn and mushroom
	PE 0112	Eggs	0.03		0.02	0.023
	VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	5		1.4	2.4
	VC 0045	Fruiting vegetables, Cucurbits	0.5		Edible peel: 0.13 in-edible peel: 0.01	Edible peel: 0.3 in-edible peel: 0.01
	VO 0050	Fruiting vegetables, other than cucurbits, except sweet corn and mushroom	2		0.27	1.6
	VL 0053	Leafy vegetables, except brassica leafy vegetables	30		3.15	15
	GC 0645	Maize	0.01		0.01	
	AS 0645	Maize fodder (dry)	10 (DM)		0.52 (fw)	5.9 (fw)
	CF 1255	Maize flour	0.05		0.014	
	OC 0645	Maize oil, Crude	0.15		0.027	

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	GC 0646	Millet (Including Barnyard Millet, Bulrush Millet, Common Millet, Finger Millet, Foxtail Millet, Little Millet)	0.8		0.22	
	AS 0646	Millet fodder, dry	10 (DM)		0.52 (fw)	5.9 (fw)
	VL 0485	Mustard greens	50 [a]		11	30
	GC 0647	Oats	0.15		0.02	
	AS 0647	Oats, straw and fodder, Dry	80 (DM)		21 (fw)	54 (fw)
	VA 0385	Onion, Bulb	0.7		0.074	0.72
	VA 0387	Onion, Welsh	4		0.89	2.0
	AL 0072	Pea hay or pea fodder (dry)	60 (DM)		12 (fw)	31 (fw)
	SO 0697	Peanut	0.05		0.01	
	OR 0697	Peanut oil, Edible	0.5		0.04	
	AL 0697	Peanut fodder	30 (DM)		5.9 (fw)	18 (fw)
	VP 0063	Peas (pods and succulent=immature seeds)	3		0.9	1.6
	VP 0064	Peas, Shelled (succulent seeds)	0.3		0.0685	0.16
	FP 0009	Pome fruits	0.4		0.15	0.27
	VR 0589	Potato	0.05		0.01	0.051
	PO 0111	Poultry, Edible offal of	0.03		0.02	0.023
	PF 0111	Poultry Fats	0.03		0.02	0.023
	PM 0110	Poultry meat	0.03		0.02	0.021
	VD 0070	Pulses, except soya beans	0.3		0.01	
	VR 0494	Radish	3		0.305	1.2
	SO 0495	Rape seed	0.5		0.084	
	OC 0495	Rape seed oil, Crude	1			
	OR 0495	Rape seed oil, Edible	1		0.11	
	GC 0650	Rye	0.04		0.01	
	AS 0650	Rye, straw and fodder, Dry	80 (DM)		21 (fw)	54 (fw)
	GC 0651	Sorghum	0.8		0.22	
	AS 0651	Sorghum, straw and fodder, Dry	10 (DM)		0.52 (fw)	5.9 (fw)
	VD 0054	Soya bean, dry	0.3		0.032	
	AL 0541	Soya bean fodder	200 (DM)		52.5 (fw)	125 (fw)
	VA 0389	Spring Onion	4		0.89	2.0
	FS 0012	Stone fruits	4		1.3	1.9
	FB 0275	Strawberry	3		0.8	1.8
	VR 0596	Sugar beet	0.5		0.105	
	SO 0702	Sunflower seed	1.5		0.12	
	VO 0447	Sweet corn (on the cob)	0.02		0.01	0.01
	TN 0085	Tree nuts	0.05		0.01	0.047
	GC 0653	Triticale	0.04		0.01	
	AS 0653	Triticale, straw and fodder, Dry	80 (DM)		21 (fw)	54 (fw)
	VL 0506	Turnip greens	50		9.4	23
	GC 0654	Wheat	0.04		0.01	
	CF 0654	Wheat, bran	0.1		0.018	
	CF 1210	Wheat, germ	0.1		0.019	
	AS 0654	Wheat, straw and fodder, Dry	80 (DM)		21 (fw)	54 (fw)
	JF 0226	Apple juice			0.021	
	-	Barley, beer			0.002	
		Peeled potato			0.003	0.017
	DF 0014	Prunes			1.8	2.7
	OR 0541	Soya bean, refined oil			0.032	
		Sugar beet, refined sugar			0.033	
	JF 0048	Tomato, juice			0.092	
	VW 0448	Tomato, paste			0.92	
	-	Tomato, puree			0.54	
	CF 1211	Wheat, flour			0.004	

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Definition of the residue for compliance with MRL for plant commodities: *penthiopyrad* Definition of the residue for compliance with MRL for animal commodities and for the estimation of dietary intake for plant and animal commodities: *sum of penthiopyrad and 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide (PAM), expressed as penthiopyrad.* *The residue is not fat-soluble.* [a] On the basis of information provided to the JMPR it was not possible to conclude from the estimate of short-term intake for Penthiopyrad that the consumption of mustard greens was less than the ARfD. fw - fresh weight basis						
Phorate (112) ADI: 0-0.0007 mg/kg bw ARfD: 0.003 mg/kg bw	VR 0589	Potato	0.3	0.5	0.048	0.17
		Potato crisps			0.0034	
		Potato granules			0.12	
		Peeled potatoes			0.013	0.045
		Potatoes boiled with peel			0.006	0.022
		Potatoes boiled without peel			0.005	0.019
		Potatoes baked with peel			0.013	0.048
		Potatoes baked without peel			0.013	0.046
		French fries			0.018	
		Potatoes microwaved with peel			0.017	0.061
Definition of the residue for compliance with the MRL and for dietary risk assessment 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.*						
Picoxystrobin (258) ADI: 0–0.09 mg/kg bw ARfD: 0.09 mg/kg bw Definition of the residue for compliance with the maximum residue levels for animal and plant commodities: *picoxystrobin*. Definition of the residue (for estimation of dietary intake) for plant and animal commodities: *a conclusion could not be reached* *The residue is fat soluble*						
Pyraclostrobin (210) ADI: 0–0.03 mg/kg bw ARfD: 0.05 mg/kg bw	OR 0001	Citrus oil, edible	10		3.03	8.17
	OR 0004	Orange oil, edible	W	10		
Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: *pyraclostrobin*. *The residue is fat-soluble.*						
Saflufenacil (251) ADI: 0–0.05 mg/kg bw ARfD: Unnecessary	VD 0071	Beans (dry)	W	0.3		
	VD 0072	Peas (dry)	W	0.05		
	VD 0070	Pulses	0.3		0.01	
	VD 0541	Soya bean (dry)	W	0.07		
Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: *saflufenacil.* *The residue is not fat-soluble.*						
Sedaxane (259) ADI: 0–0.1 mg/kg bw ARfD: 0.3 mg/kg bw	GC 0640	Barley	0.01*		0	
	AS 0640	Barley straw and fodder, Dry	0.1		0.01	0.075
	MO 0105	Edible offal (Mammalian)	0.01*		0	
	MF 0100	Mammalian fats (except milk fat)	0.01*		0	

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
	MM 0095	Meat (from mammals other than marine mammals)	0.01* (fat)		0	
	ML 0106	Milks	0.01*		0	
	FM 0183	Milk fats	0.01*		0	
	GC 0647	Oat	0.01*		0	
	AS 0647	Oat straw and fodder, Dry	0.1		0.01	0.075
	PF 0111	Poultry fats	0.01*		0	
	PM 0110	Poultry meat	0.01*		0	
	PO 0111	Poultry, Edible offal of	0.01*		0	
	PE 0112	Eggs	0.01*		0	
	SO 0495	Rape seed	0.01*		0	
	GC 0650	Rye	0.01*		0	
	AS 0650	Rye straw and fodder, Dry	0.1		0.01	0.075
	GC 0653	Triticale	0.01*		0	
	AS 0653	Triticale straw and fodder, Dry	0.1		0.01	0.075
	GC 0654	Wheat	0.01*		0	
	AS 0654	Wheat straw and fodder, Dry	0.1		0.01	0.075
Definition of the residue for compliance with the MRL for plants and animals*: sedaxane.* *The residue is fat soluble.*						
Spinetoram (233)	VP 0061	Beans, except broad bean and soya bean (green pods and immature seeds)	0.05		0.024	
ADI: 0–0.05 mg/kg bw	FB 0020	Blueberries	0.2		0.12	
ARfD: Unnecessary	VB 0040	Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas	0.3		0.05	
	VS 0624	Celery	6		0.30	
	PE 0112	Eggs	0.01 *		0.01	
	FB 0269	Grapes	0.3		0.074	
	FS 0245	Nectarine	0.3		0.055	
	VA 00385	Onion, Bulb	0.01 *		0.01	
	VA 0387	Onion, Welsh	0.8		0.33	
	FS 0247	Peach	0.3		0.055	
	PF 0111	Poultry fats	0.01 *		0.01	
	PM 0110	Poultry meat	0.01 *		0.01 (fat) 0.01 (muscle)	
	PO 0111	Poultry, Edible offal of	0.01 *		0.01	
	FB 0272	Raspberries, Red, Black	0.8		0.42	
	VL 0502	Spinach	8		1.6	
	VA 0389	Spring onion	0.8		0.33	
Definition of the residue for compliance with MRLs: Spinetoram. Definition of the residue for estimation of dietary intake: *Spinetoram and N-demethyl and N-formyl metabolites of the major spinetoram component.* *The residue is fat soluble.*						
Spirotetramat (234) ADI: 0–0.05 mg/kg bw ARfD: 1.0 mg/kg bw	ML 0106	Milks	0.005	0.01	0.005	0.005
Definition of the residue (for compliance with MRL for plant commodities: *Spirotetramat and its enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat*.						

Pesticide (Codex reference number)	CCN	Commodity	**Recommended MRL mg/kg** New	Previous	**STMR or STMR-P mg/kg**	**HR or HR-P mg/kg**
Definition of the residue (for estimation of dietary intake) for plant commodities: *Spirotetramat, enol metabolite 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, ketohydroxy metabolite 3-(2,5-dimethylphenyl)-3-hydroxy-8-methoxy-1-azaspiro[4.5]decane-2,4-dione, monohydroxy metabolite cis-3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]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.* Definition of the residue (for compliance with MRL and estimation of dietary intake) for animal commodities: *Spirotetramat enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat.* *The residue is not fat-soluble.*						
Trifloxystrobin (213)	VS 0621	Asparagus	0.05 *		0	
ADI: 0-0.04 mg/kg bw	VO 0440	Eggplant	0.7		0.08	
ARfD: Unnecessary	VL 0482	Lettuce, head	15		5.55	
	FT 0305	Olives	0.3		0.085	
	OC 0305	Olive oil, crude	0.9		0.255	
	OR 0305	Olive oil, refined	1.2		0.353	
	FI 0350	Papaya	0.6		0.2	
	VL 0494	Radish leaves	15		1.4	
	VR 0494	Radish	0.08		0.065	
	FB 0275	Strawberry	1	0.2	0.335	
		Strawberry, canned			0.097	
		Strawberry jam			0.194	
Definition of the residue for compliance with MRLs for plant commodities: *trifloxystrobin;* Definition of the residue for estimation of dietary intake of plant commodities: *sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneaminooxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin.* Definition of the residue for compliance with MRLs and estimation of dietary intake in animal commodities: *sum of trifloxystrobin and [(E,E)-methoxyimino-{2-[1-(3-trifluoromethylphenyl)ethylideneamino-oxymethyl]phenyl}acetic acid] (CGA 321113), expressed as trifloxystrobin.* *The residue is fat-soluble.*						