

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 2010 JOINT FAO/WHO MEETING ON PESTICIDE RESIDUES (JMPR)¹ AND PESTICIDE MRLS AT STEP 3 OF THE PROCEDURE**

DEADLINE: 31 January 2012

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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 Geneva, Switzerland, from 20 to 29 September 2011. 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 27 pesticides, of which 8 were new compounds, and 4 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.

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/2011_JMPR_Sum_Rep.pdf

WHO weblink: http://www.who.int/foodsafety/chem/jmpr/summary_2011.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 graded 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 2011 JMPR and also on other recommendations which are relevant to the work of the 44th 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 indicated on cover page by **31 January 2012**.

B. MRLS AT STEP 6 OF THE PROCEDURE

10. The 34th Session of the Commission adopted the proposed draft MRLs as proposed in Appendix IV of REP11/PR at Step 5 and advanced them to Step 6, (see REP11/CAC, para. 116 and Appendix IV), that have been developed by the 43rd Session of the Codex Committee on Pesticide Residues.

11. The Commission also adopted proposed draft MRLs for spices at Step 5/8 with the exception of proposed MRLs for omethoate (055) in "fruit or berry (028B)" and "root or rhizome (028D)" which were adopted at Step 5 only as the CCPR had previously decided to withdraw all MRLs for this compound (see REP11/PR, Appendix III). In this regard, the WHO JMPR Secretariat clarified that the Codex MRLs for omethoate for agricultural commodities had been withdrawn by the 36th Session of the CCPR due to lack of support by the producing company which did not allow a re-evaluation of omethoate residues, based on residue trial studies (see ALINORM 04/27/24, para. 95). However, the MRLs for spices were developed based on monitoring data, and since this was a special case that had not been encountered previously, it was advisable to seek the advice of CCPR on how to handle the proposed omethoate MRLs for spices before proceeding with the final adoption of these MRLs (see REP11/CAC, paras. 65-66).

12. Member governments and interested international organizations having granted observer status in Codex wishing to submit comments on the draft MRLs for omethoate in spices are invited to do so as indicated in paragraphs 11 and 14. In addition, for the singular case of spices where MRLs are based on monitoring data, Member governments and interested international organizations are invited to provide their views on how to deal with proposals for MRLs for compounds that have been withdrawn from the Codex list, in particular, whether the standing procedure for the periodic review should apply, and if so, whether a full or partial re-evaluation (i.e. residue evaluation and/or toxicological evaluation) would be needed in order to allow for MRLs for omethoate in spices and for similar situations that might arise in the future.

13. 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.

14. 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 indicated on cover page by **31 January 2012**.

ANNEX I
Established ADI and ARfD values and recommended MRL, STMR and HR values

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Acephate (095)	CM 0649	Rice, husked	1		0.405 ^a 0.535 ^b 0.055 ^c	
ADI: 0–0.03 mg/kg bw	CM 1205	Rice, polished			0.33 ^a 0.44 ^b	
ARfD: 0.1 mg/kg bw	AS 0649	Rice straw and fodder, dry	0.3		0.025 ^c	0.14 ^c
<i>Definition of the residue for compliance with MRLs for plant and animal commodities: acephate</i>						
<i>Definition of the residue for estimation of dietary intake for plant and animal commodities: acephate and methamidophos</i>						
^a for long term intake estimate						
^b for short-term intake estimate						
^c for calculation of animal dietary burden.						
Acetamiprid (246)*	VP 0061	Beans, except broad bean and soya bean	0.4		0.01	0.18
ADI: 0–0.07 mg/kg bw	VP 0062	Beans, shelled	0.3		0.03	0.18
ARfD: 0.1 mg/kg bw	FB 0018	Berries and other small fruit (except grapes and strawberries)	2		0.64	1
	VB 0041	Cabbages, Head	0.7		0.02 0.09 ^d	0.05 0.5 ^d
	VX 0624	Celery	1.5		0.3	0.78
	FS 0013	Cherries	1.5		0.45	0.88
	FC 0001	Citrus fruits	0.8		0.25	0.45
	SO 0691	Cotton seed	0.7		0.09 ^c	
	HS 0444	Peppers Chili, dried	2		0.4	1.4
	DF 0014	Prunes	0.6		0.12	0.32
	MO 0105	Edible offal (Mammalian)	0.05		0.011 liver 0.018 kidney	0.03 liver 0.05 kidney
	PE 0112	Eggs	0.01 *		0.0	0.0
	VB 0042	Flowerhead brassicas (includes Broccoli: Broccoli, Chinese and Cauliflower)	0.4		0.02	0.22
	VC 0045	Fruiting vegetables, Cucurbits	0.2		0.05	0.11
	VO 0050	Fruiting vegetables, other than Cucurbits (except sweet corn & mushrooms)	0.2		0.04	0.14
	VA 0381	Garlic	0.02		0.01	0.01
	FB 0269	Grapes	0.5		0.085	0.25
	VL 0053	Leafy vegetables (except spinach)	3		0.64	1.9
	MF 0100	Mammalian fats (except milk fats)	0.02		0.003	0.01
	MM 0095	Meat (from mammals other than marine mammals)	0.02		0.003 fat 0.004 muscle	0.01 fat 0.01 muscle
	ML 0106	Milks	0.02		0.004	0.009
	FS 0245	Nectarine	0.7		0.2	0.44
	VA 0385	Onion, Bulb	0.02		0.01	0.01
	FS 0247	Peach	0.7		0.2	0.44
	VP 0064	Peas, shelled (succulent seeds)	0.3		0.03	0.18
	FS 0014	Plums (including Prunes)	0.2		0.04	0.11
	FP 0009	Pome fruits	0.8		0.225	0.59
	PM 0110	Poultry meat	0.01 *		0.0	0.0

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	PO 0111	Poultry, Edible offal of	0.05 *		0.01	0.0
	VL 0502	Spinach	5 ^e		0.51	2.5
	VA 0389	Spring onions	5		0.38	2
	FB 0275	Strawberry	0.5		0.1	0.24
	TN 0085	Tree nuts	0.06		0.01	0.05
	JF 0226	Apple juice				0.2
	JF 0001	Citrus juice				0.03
	OR 0001	Citrus oil				0.04
		Citrus peel				0.71
	OR 0691	Cotton seed oil, edible				0.004
	DF 0269	Dried grapes (= currants, Raisins and Sultanas)			0.23	0.08
	JF 0269	Grape juice				0.13
	VW 0448	Tomato paste				0.09
		Tomato purée				0.04
<p><i>Definition of the residue (for compliance with the MRL for plant commodities and for estimation of dietary intake for plant and animal commodities): acetamiprid.</i></p> <p><i>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</i></p> <p><i>The residue is not fat-soluble.</i></p> <p>^d With wrapper leaves</p> <p>^e 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 the consumption of spinach was less than the ARfD</p>						
Azoxystrobin (229)	SB 0716	Coffee beans	0.02		0.01	
ADI: 0–0.2 mg/kg bw	VR 0604	Ginseng	0.1		0.025	
ARfD: Unnecessary		Ginseng processed products	0.5			
		Ginseng, dried			0.075	
		Ginseng, red			0.05	
		Ethanol extract of dried ginseng			0.13	
		Water extract of dried ginseng			0.12	
		Ethanol extract of red ginseng			0.12	
		Water extract of red ginseng			0.05	
<p><i>Definition of the residue (for compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): azoxystrobin.</i></p> <p><i>The residue is fat-soluble.</i></p>						
Clothianidin (238)						
ADI: 0–0.1 mg/kg bw						
ARfD: 0.6 mg/kg bw						
<p><i>Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: clothianidin</i></p> <p><i>The residue is not fat-soluble.</i></p>						

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
Cypermethrins (including alpha- and zeta- cypermethrin) (118) ^f ADI: 0–0.02 mg/kg bw ARFD: 0.04 mg/kg bw	VS 0621	Asparagus	0.4 <i>a,C</i>	0.01*	0.09	0.2
	FC 0001	Citrus fruits (except shaddocks or pomelos)	0.3 <i>a,Z</i>	2 ^g	0.05	0.05
	PE 0112	Eggs	0.01*	0.01*	0.0042	0.0047
	PO 0111	Poultry, Edible offal of	0.05*	0.05*	0.002	0.022
	PM 0110	Poultry meat	0.1 (fat)	0.1 (fat)	0.002 muscle 0.034 fat	0.022 muscle 0.048 fat
	PF 0111	Poultry fats	0.1		0.038	0.048
	FC 0005	Shaddocks or pomelos	0.5 <i>a, C, z</i>		0.05	0.05
	DT 1114	Tea, Green, Black (black, fermented and dried)	15 <i>C</i>	20 ^g	3.75	
	TN 0085	Tree nuts	0.05* <i>a,Z</i>		0.05	0.05
<i>Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: cypermethrin (sum of isomers).</i>						
<i>The residue is fat soluble.</i>						
^f Source of data supporting the proposed MRLs: <i>a: alpha-cypermethrin. c: cypermethrin. z: zeta-cypermethrin.</i> Capital letters show the source of data responsible for the MRL estimate. Small letters show the sources of other data for that commodity.						
^g The Codex MRL was retained under the four year rule awaiting the evaluation of data by the 2011 Meeting of JMPR.						
Dicamba (240) ADI: 0–0.3 mg/kg bw ARFD: 0.5 mg/kg bw	VD 0541	Soya bean (dry)	5		0.335	
	OR 0541	Soya bean oil, refined			0.012	
<i>Definition of the residue for compliance with the MRL for plant commodities: dicamba</i>						
<i>Definition of the residue for estimation of dietary intake for plant commodities: sum of dicamba and 5-OH dicamba expressed as dicamba</i>						
<i>Definition of the residue for compliance with the MRL and for estimation of dietary intake for animal commodities: sum of dicamba and 3,6-dichlorosalicylic acid (DCSA) expressed as dicamba</i>						
<i>The residue is not fat-soluble</i>						
Dichlorvos (025) ** ADI: 0–0.004 mg/kg bw ARFD: 0.1 mg/kg bw						
Dicofol (026) ** ADI: 0–0.002 mg/kg bw ARFD: 0.2 mg/kg bw						
Diflubenzuron (130) ADI: 0–0.02 mg/kg bw ARFD: Unnecessary	FS 0247	Peach	0.5		0.17	
	FS 0014	Plum (including Prunes)	0.5		0.17	
	FS 0245	Nectarine	0.5		0.17	
	VL 0485	Mustard greens	10		1.4	
	VO 0445	Peppers, Sweet (including pimento or pimiento)	0.7		0.16	
	VO 0444	Peppers, Chili	3		0.92	
	HS 0444	Peppers Chili, dried	20		6.44	
	GC 0640	Barley	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		
	GC 0654	Wheat	0.05*		0.05	
	GC 0647	Oats	0.05*		0.05	
	GC 0653	Triticale	0.05*		0.05	
	AS 0162	Hay or fodder (dry) of grasses	3		0.625	1.4
	AS 0081	Straw and fodder (dry) of cereal grain	1.5		0.29	0.90
	TN 0085	Tree nuts	0.2		0.05	
	SO 0697	Peanut	0.15		0.05	
	AL 0697	Peanut fodder	40		7.5	18.4
<i>Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: diflubenzuron. The residue is fat soluble.</i>						
Emamectin benzoate (247)*						
ADI: 0–0.0005 mg/kg bw	VP 0061	Beans, except broad bean and soya bean	0.015		0.001	0.009
ARfD: 0.03 mg/kg bw	VL 0510	Cos lettuce	1		0.20	0.62
	SO 0691	Cotton seed	0.002*		0.002	0.002
	MO 0105	Edible offal (Mammalian)	0.08		0.006	0.072
	FB 0269	Grapes	0.03		0.0025	0.022
	VC 0045	Fruiting vegetables, Cucurbits	0.007		0.001	0.002
	VO 0050	Fruiting vegetables, other than Cucurbits (except sweet corn and mushrooms)	0.02		0.003	0.013
	VL 0482	Lettuce, Head	1		0.20	0.62
	VL 0483	Lettuce, Leaf	1		0.20	0.62
	MF 0100	Mammalian fats (except milk fats)	0.02		0.002	0.011
	MM 0095	Meat (from mammals other than marine mammals)	0.004		0.002	0.004
	ML 0106	Milks	0.002		0.0005	
	VL 0485	Mustard greens	0.2		0.010	0.11
	FS 0245	Nectarine	0.03		0.0095	0.015
	FS 0247	Peach	0.03		0.0095	0.015
	HS 0444	Peppers, Chili (dried)	0.2		0.03	0.13
	FP 0009	Pome fruits	0.02		0.004	0.011
	JF 0226	Apple juice			0.0028	
	OR 0691	Cotton seed oil, edible			0.00078	
<i>Definition of the residue for compliance with the MRL and for estimation of dietary intake for plant commodities: emamectin B1a benzoate, expressed as emamectin (free base).</i>						
<i>Definition of the residue for compliance with the MRL and for estimation of dietary intake for animal commodities: emamectin B1a benzoate, expressed as emamectin (free base).</i>						
<i>The residue is not fat-soluble.</i>						
Etofenprox (184)**						
ADI: 0–0.03 mg/kg bw	FP 0226	Apple	0.6		0.2	0.34
ARfD: 1 mg/kg bw	VD 0071	Beans (dry)	0.05		0.05	
	DF 0269	Dried grapes (= currants, Raisins and Sultanas)	8		1.5	5.5
	MO 0105	Edible offal (Mammalian)	0.05		0.03 liver 0.03 kidney	0.03 liver 0.03 kidney
	PE 0112	Eggs	0.01 *		0	0
	FB 0269	Grapes	4		0.73	2.6
	GC 0645	Maize	0.05 *		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		
	MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)		0.03 muscle 0.21 fat	0.03 muscle 0.3 fat
	ML 0106	Milks	0.02		0.013	
	FS 0245	Nectarine	0.6		0.16	0.37
	FP 0230	Pear	0.6		0.2	0.34
	FS 0247	Peach	0.6		0.16	0.37
	FP 0009	Pome fruits	W	1		
	VR 0589	Potato	W	0.01 *		
	PM 0110	Poultry meat	0.01 *		0.0	0.0
	PO 0111	Poultry, Edible offal of	0.01 *		0.0	0.0
	SO 0495	Rape seed	0.01 *		0.01	0.01
	GC 0649	Rice	0.01 *		0.0	0.0
	AS 0649	Rice straw and fodder, dry	0.05		0.01	0.025
		Apple purée			0.05	
	JF 0226	Apple juice			0.012	
	JF 0269	Grape juice			0.029	
		Peach juice			0.008	
		Canned apples			0.018	
		Canned peaches			0.018	
		Wine			0.029	
<i>Definition of the residue (for compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities): etofenprox</i>						
<i>The residue is fat soluble.</i>						
Ettoxazole (241) ADI: 0–0.05 mg/kg bw ARfD: Unnecessary	FP 0009	Pome fruits	0.07		0.01	
<i>Definition of the residue (for compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant commodities): etoxazole.</i>						
<i>The residue is fat soluble.</i>						
Flutriafol (248) * ADI: 0–0.01 mg/kg bw ARfD: 0.05 mg/kg bw	FI 0327	Banana	0.3		0.05	0.09
	SB 0716	Coffee beans	0.15		0.05	
	DF 0269	Dried grapes (= currants, Raisins and Sultanas)	2		0.59	1.7
	FB 0269	Grapes	0.8		0.21	0.61
	SO 0697	Peanut	0.15		0.02	
	AL 0697	Peanut fodder	20		2.6	8.9
	VO 0445	Peppers, Sweet (including pimento or pimienta)	1		0.28	0.41
	HS 0444	Peppers Chili, dried	10		2.7	4.1
	FP 0009	Pome fruits	0.3		0.07	0.16
	VD 0541	Soya bean (dry)	0.4		0.055	
	GC 0654	Wheat	0.15		0.015	
	CM 0654	Wheat bran, unprocessed	0.3		0.032	
	AS 0654	Wheat straw and fodder, dry	8		1.45	4.1

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	JF 0226	Apple juice			0.034	
	SM 0716	Coffee beans, roasted			0.048	
	JF 0269	Grape juice			0.13	
	OR 0697	Peanut oil, edible			0.028	
		Peppers, Sweet, preserved			0.22	0.32
	OR 0541	Soya bean oil, refined			0.072	
	CF 1211	Wheat flour			0.005	
	CF 1210	Wheat germ			0.042	
<p><i>Definition of the residue (for compliance with the MRL for plant and animal commodities and for estimation of dietary intake for plant and animal commodities):</i> Flutriafol</p> <p><i>The residue is fat-soluble.</i></p>						
Glyphosate (158)	VD 0533	Lentils (dry)	5		0.5	2.1
ADI: 0–1mg/kg bw	VR 0596	Sugar beet	15		3.4	7.3
ARfD: Unnecessary	VO 0447	Sweet corn (corn-on-the-cob)	3		0.325	2.8
	CF 1255	Maize flour			0.12	3.0
	CF 0645	Maize meal			0.12	3.0
<p><i>Definition of the residue for compliance with MRL for soya bean and maize:</i> sum of glyphosate and N-acetylglyphosate, expressed as glyphosate</p> <p><i>Definition of the residue for compliance with MRL (for other plant commodities):</i> glyphosate.</p> <p><i>Definition of the residue for compliance with MRL (for animal commodities):</i> sum of glyphosate and N-acetylglyphosate, expressed as glyphosate</p> <p><i>Definition of the residue for estimation of dietary intake (for plant and animal commodities):</i> glyphosate, N-acetylglyphosate, AMPA and N-acetyl AMPA, expressed as glyphosate.</p> <p><i>The residue is not fat-soluble</i></p>						
Hexythiazox (176)	DH 1100	Hops, dry	3	2 ^h	0.79	
ADI: 0–0.03 mg/kg bw	FB 0275	Strawberry	6	0.5 ^h	0.54	
ARfD: Unnecessary	DT 1114	Tea, Green, Black (black, fermented and dried)	15		4.55	
		Beer			0.036	
		Green tea infusion			0.182	
		Fermented tea infusion			0.137	
		Strawberry, canned			0.248	
		Strawberry jam			0.359	
<p><i>Definition of the residue for compliance with the MRL for plant commodities:</i> hexythiazox.</p> <p><i>Definition of the residue (for estimation of dietary intake) for plant commodities:</i> sum of hexythiazox and all metabolites containing the trans-5-(4-chlorophenyl)-4-methyl-2-oxothiazolidine-moiety (PT-1-3), expressed as hexythiazox</p> <p><i>Definition of the residue (for compliance with MRL and for estimation of dietary intake) for animal commodities:</i> sum of hexythiazox and all metabolites containing the trans-5-(4-chlorophenyl)-4-methyl-2-oxothiazolidine-moiety (PT-1-3), expressed as hexythiazox</p> <p><i>The residue is fat-soluble</i></p> <p>^h The Codex MRL was retained under the four year rule awaiting the evaluation of data by the 2011 Meeting of JMPR</p>						
Isopyrazam (249)*	FI 0327	Banana	0.06		0.015	

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
ADI: 0–0.06 mg/kg bw	GC 0640	Barley	0.07		0.0375 0.022 ^g	
ARfD: 0.3 mg/kg bw	AS 0640	Barley straw and fodder, dry	2		0.356 ^g	1.06 ^g
		Malt			0.022	
		Beer			0.0045	
		Pot barley			0.012	
	MO 0105	Edible offal (Mammalian)	0.02		0.0056	0.008
	MF 0100	Mammalian fats (except milk fats)	0.01*		0.0056	0.008
	MM 0095	Meat (from mammals other than marine mammals)	0.01*		0.0056 fat 0.0056 muscle	0.008
	ML 0106	Milks	0.01*		0.0042	-
	FM 0183	Milk fats	0.02		0.0042	-
	PF 0111	Poultry fats	0.01*		0.01	0.01
	PM 0110	Poultry meat	0.01*		0.01 fat 0.01 muscle	0.01
	PO 0111	Poultry, Edible offal of	0.01*		0.01	0.01
	PE 0112	Eggs	0.01*		0.01	0.01
	GC 0650	Rye	0.03		0.015 0.01 ^g	
	AS 0650	Rye straw and fodder, dry	3		0.952 ^g	1.51 ^g
	GC 0653	Triticale	0.03		0.015 0.01 ^g	
	AS 0653	Triticale straw and fodder, dry	3		0.952 ^g	1.51 ^g
	GC 0654	Wheat	0.03		0.015 0.01 ^g	-
	AS 0654	Wheat straw and fodder, dry	3		0.952 ^g	1.5 ^g
	CM 0654	Wheat bran, unprocessed	0.15		0.066 0.041 ^g	
		White flour			0.0035	
		Wholemeal flour			0.012	
	CP 1212	Wholemeal bread			0.0083	
	CF 1210	Wheat germ			0.0038	
<i>Definition of the residue (for compliance with MRL) for plant commodities: isopyrazam (sum of syn-isomer and anti-isomer)</i>						
<i>Definition of the residue for estimation of dietary intake for plant commodities: sum of isopyrazam and 3-difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid [9-(1-hydroxyl-1-methylethyl)-(1RS, 4RS, 9RS)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]amide expressed as isopyrazam.</i>						
<i>Definition of the residue (for compliance with the MRL the estimation of dietary intake) for animal commodities: isopyrazam (sum of syn-isomer and anti-isomer)</i>						
<i>The residue is fat-soluble.</i>						
^g for the purpose of calculating animal dietary burdens. Expressed on an "as received" basis.						
Methamidophos (100)	CM 0649	Rice, husked	0.6 ^h	-	0.025	-
ADI:0-0.004 mg/kg bw	CM 1205	Rice, polished			0.021	-
ARfD: 0.1 mg/kg bw	AS 0649	Rice straw and fodder, dry	0.1 ^h	-	0.0325 ⁱ	0.05 ⁱ
<i>Definition of the residue for compliance with MRLs and for estimation of dietary intake for plant and animal commodities: methamidophos.</i>						
<i>Residue is not fat-soluble.</i>						

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg																																																																																																		
			New	Previous																																																																																																				
<p>^h Arising from the use of acephate on rice. ⁱ for the calculation of animal dietary burden</p>																																																																																																								
<p>Penthiopyrad (253)* ADI: 0–0.1 mg/kg bw ARfD: 1 mg/kg bw</p>																																																																																																								
<p>Profenofos (171) ADI: 0–0.03 mg/kg bw VO 0444 Peppers, Chili 3 5^l 0.78 1.42 ARfD: 1.0 mg/kg bw HS 0444 Peppers Chili, dried 20 50^l 5.46 9.94</p> <p><i>Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: profenofos</i></p> <p><i>The residue is not fat-soluble.</i></p> <p>^lThe Codex MRL was retained under the four year rule awaiting evaluation of data by the 2011 Meeting of JMPR</p>																																																																																																								
<p>Propylene oxide (250)* ADI: 0–0.04 mg/kg bw ARfD: 0.04 mg/kg bw</p> <p>propylene chlorohydrin ADI: None established ^m ARfD: None established</p> <p>propylene bromohydrin ADI: None established ARfD: None established</p> <p><i>Definition of the residue (for compliance with MRL) for plant commodities: propylene oxide</i></p> <p><i>Definition of the residue (for estimation of dietary intake) for plant commodities: propylene oxide, propylene chlorohydrin and propylene bromohydrin. Propylene chlorohydrin and propylene bromohydrin to be considered separately from propylene oxide</i></p> <p><i>The residue is not fat-soluble.</i></p> <p>^m The Meeting could not establish an ADI or ARfD for propylene chlorohydrin and propylene bromohydrin due to insufficient data</p>																																																																																																								
<p>Pyraclostrobin (210)</p> <table border="0"> <tr> <td>AL 1020</td> <td>Alfalfa fodder</td> <td>30</td> <td></td> <td></td> <td>8.38</td> <td>22.28</td> </tr> <tr> <td>TN 0660</td> <td>Almond</td> <td>Wⁿ</td> <td>0.02*</td> <td></td> <td></td> <td></td> </tr> <tr> <td>AM 0660</td> <td>Almond hulls</td> <td>W^o</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>VS 0620</td> <td>Artichoke, globe</td> <td>2</td> <td></td> <td></td> <td>0.25</td> <td>1.44</td> </tr> <tr> <td>GC 0640</td> <td>Barley</td> <td>1</td> <td>0.5</td> <td></td> <td>0.345</td> <td></td> </tr> <tr> <td>FB 0264</td> <td>Blackberries</td> <td>3</td> <td></td> <td></td> <td>0.87</td> <td>1.32</td> </tr> <tr> <td>FB 0020</td> <td>Blueberries</td> <td>4</td> <td>1</td> <td></td> <td>0.78</td> <td>2.08</td> </tr> <tr> <td>FS 0013</td> <td>Cherries</td> <td>3</td> <td></td> <td></td> <td>0.51</td> <td>1.57</td> </tr> <tr> <td>FC 0001</td> <td>Citrus fruits</td> <td>2</td> <td>1</td> <td></td> <td>0.035 (pulp)</td> <td>0.1 (pulp)</td> </tr> <tr> <td>VC 0424</td> <td>Cucumber</td> <td>W^p</td> <td>0.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>VC 0045</td> <td>Fruiting vegetables, Cucurbits</td> <td>0.5</td> <td></td> <td></td> <td>0.06(edible peel)</td> <td>0.41(edible peel)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.0525 (inedible peel)</td> <td>0.14 (inedible peel)</td> </tr> <tr> <td>VA 0381</td> <td>Garlic</td> <td>0.15</td> <td>0.05*</td> <td></td> <td>0.02</td> <td>0.09</td> </tr> <tr> <td>VC 0046</td> <td>Melons, except Watermelon</td> <td>W^p</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							AL 1020	Alfalfa fodder	30			8.38	22.28	TN 0660	Almond	W ⁿ	0.02*				AM 0660	Almond hulls	W ^o	2				VS 0620	Artichoke, globe	2			0.25	1.44	GC 0640	Barley	1	0.5		0.345		FB 0264	Blackberries	3			0.87	1.32	FB 0020	Blueberries	4	1		0.78	2.08	FS 0013	Cherries	3			0.51	1.57	FC 0001	Citrus fruits	2	1		0.035 (pulp)	0.1 (pulp)	VC 0424	Cucumber	W ^p	0.5				VC 0045	Fruiting vegetables, Cucurbits	0.5			0.06(edible peel)	0.41(edible peel)						0.0525 (inedible peel)	0.14 (inedible peel)	VA 0381	Garlic	0.15	0.05*		0.02	0.09	VC 0046	Melons, except Watermelon	W ^p				
AL 1020	Alfalfa fodder	30			8.38	22.28																																																																																																		
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Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	FS 0245	Nectarine	0.3		0.065	0.13
	GC 0647	Oats	1	0.5	0.345	
	SO 0089	Oil seed except peanut	0.4		0.055	
	VA 0385	Onion, bulb	1.5	0.2	0.06	0.62
	VA 0389	Spring onion	1.5		0.42	0.60
	FI 0350	Papaya	0.15	0.05*	0.05	0.06
	FS 0247	Peach	0.3		0.065	0.13
	TM 0672	Pecan	W ⁿ	0.02*		
	FS 0014	Plums (including Prunes)	0.8		0.09	0.40
	FB 0272	Raspberries, Red, Black	3	2	0.87	1.32
	OR 0495	Rape seed oil, edible			0.053	
	GC 0650	Rye	0.2		0.02	
	GC 0651	Sorghum	0.5		0.025	
	VC 0431	Squash, Summer	W ^p	0.3		
	FS 0012	Stone fruits	W	1		
	FB 0275	Strawberry	1.5	0.5	0.20	0.75
	SO 0702	Sunflower seed	W ^q	0.3		
	TN 0085	Tree nuts	0.02*		0	0.02
	GC 0653	Triticale	0.2		0.02	
		Beer			0.23	
		Brewing malt			0.40	
		Cherry juice			0.08	
		Cotton gin by-products			1.575	16.73
		Malt germ			0.80	
		Orange oil	10		3.03	8.17
		Pearl barley			0.23	
		Plum puree			0.17	
	DF 0014	Prunes			0.41	1.84
		Strawberry jam			0.04	
<i>Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: pyraclostrobin</i>						
<i>The residue is not fat-soluble.</i>						
ⁿ The recommendations for almonds and pecan are withdrawn to be replaced by a recommendation for Tree nuts.						
^o The recommendation for almond hulls is withdrawn as the commodity is not traded.						
^p The recommendations for cucumber, melons and squash are withdrawn to be replaced by a recommendation for Fruiting vegetables, Cucurbits						
^q The recommendation for sunflower seed is withdrawn to be replaced by a recommendation for Oilseed except peanut.						
Saflufenacil (2251)*	FI 0327	Banana	0.01		0	0
ADI: 0–0.05 mg/kg bw	AS 0640	Barley straw and fodder, dry	0.025		0.025	0.025
ARFD: Unnecessary	VD 0071	Beans (dry)	0.3		0.01	
	GC 0080	Cereal grains	0.01		0	
	FC 0001	Citrus fruits	0.01		0	0
	SB 0716	Coffee beans	0.01		0	
	SO 0691	Cotton seed	0.2		0.025	
	FB 0269	Grapes	0.01		0	0
	MO 0105	Edible offal (Mammalian)	0.3		0.14	0.26
	AS 0645	Maize fodder	0.05		0.025	0.025
	MF 0100	Mammalian fats (except milk fats)	0.01		0.01	0.01
	MM 0095	Meat (from mammals other than marine mammals)	0.01		0.01	0.01
	ML 0106	Milks	0.01		0.01	0.01

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	VP 0063	Peas (pods and succulent = immature seeds)	0.01		0.01	
	VP 0064	Peas, shelled (succulent seeds)	0.01		0.01	
	VD 0072	Peas, dry	0.05		0.01	
	FP 0009	Pome fruits	0.01		0	
	SO 0495	Rape seed	0.6		0.054	
	AS 0651	Sorghum straw and fodder dry	0.025		0.025	0.025
	VP 0541	Soya bean (immature seeds)	0.01		0.01	
	VD 0541	Soya bean (dry)	0.07		0.01	0
	FS 0012	Stone fruits	0.01		0	
	SO 0702	SUNFLOWER SEED	0.7		0.12	
	GC 0447	SWEET CORN	0.01		0	0
	TN 0085	TREE NUTS	0.01		0	
	AS 0654	Wheat straw and fodder, dry	0.025		0.025	0.025
	OR 0702	Sunflower seed oil edible			0.0036	
	OR 0541	Soya bean oil, refined			0.0025	
<i>Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: saflufenacil</i>						
<i>The residue is not fat-soluble.</i>						
Spinosad (203)	TN 0660	Almonds	W ^r	0.01*		
	AM 0660	Almond hulls	W ^s	2	2.2	
ADI: 0–0.02 mg/kg bw	FB 0264	Blackberries	1		0.14	
ARfD: Unnecessary	FB 0020	Blueberries	0.4		0.11	
	FB 0265	Cranberry	0.02		0.01	
	FB 0266	Dewberries (including Boysenberry and Loganberry)	1		0.14	
	VA 0385	Onion, Bulb	0.1		0.01	
	FI 0351	Passion fruit	0.7		0.23	
	FB 0272	Raspberries, Red, Black	1		0.14	
	VA 0389	Spring onion	4		0.2	
	TN 0085	Tree nuts	0.07		0.026	
<i>Definition of the residue (for compliance with MRL and for estimation of dietary intake) for plant and animal commodities: sum of spinosyn A and spinosyn D.</i>						
<i>The residue is fat-soluble.</i>						
<i>(Residues in milk should be determined in the whole milk.)</i>						
^r The recommendation for almonds is withdrawn to be replaced by a recommendation for Tree nuts						
^s The recommendation for almond hulls is withdrawn as the commodity is not traded.						
Spirotetramat (234)	SO 0691	Cotton seed	0.4		0.095	
ADI: 0–0.5 mg/kg bw	AB 1203	Cotton seed meal	1		0.12	0.36
ARfD: 1.0 mg/kg bw	MO 0105	Edible offal (Mammalian)	1	0.03	0.16	0.55
	PE 0112	Eggs	0.01		0.0023	0.0048
	AL 0157	Legume animal feeds	30		12	17
	VP 0060	Legume vegetables	1.5		0.505	0.84
	FI 0343	Litchi	15		1.6	6
	FI 0341	Kiwifruit	0.02 *		0.055	0.066
	FI 0345	Mango	0.3		0.16	0.25

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	MM 0095	Meat (from mammals other than marine mammals)	0.05	0.01*	0.006 muscle 0.012 fat	0.019 muscle 0.043 fat
	ML 0106	Milks	0.01	0.005*	0.005	0.005
	VA 0385	Onion, Bulb	0.4		0.11	0.27
	FI 0350	Papaya	0.4		0.17	0.22
	PM 0110	Poultry meat	0.01*		0 muscle 0 fat	0.00037 muscle 0.00037 fat
	PO 0111	Poultry, Edible offal of	0.01		0.0016	0.0033
	VD 0070	Pulses [except soya bean (dry)]	2		0.21	
	VD 0541	Soya bean (dry)	4		0.45	
	OR 0691	Cotton seed oil, edible			0	0
	OR 0541	Soya bean oil, refined			0	0
		Soya bean flour (defatted)			0.46	2.7
<p><i>Definition of the residue (for compliance with MRL for plant commodities):</i> 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.</p> <p><i>Definition of the residue (for estimation of dietary intake) for plant commodities:</i> 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.</p> <p><i>Definition of the residue (for compliance with MRL and estimation of dietary intake) for animal commodities:</i> Spirotetramat enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one, expressed as spirotetramat.</p> <p><i>The residue is not fat-soluble.</i></p>						
Sulfoxaflor (252)* †	GC 0640	Barley			0.063	
ADI: 0–0.05 mg/kg bw	AS 0640	Barley straw and fodder, dry			0.14	1.8
ARfD: 0.3 mg/kg bw	VB 0400	Broccoli			0.074	1.6
	VB 0041	Cabbages, Heaa			0.099	0.19
	VB 0404	Cauliflower			0.012	0.021
	VS 0624	Celery			0.19	0.77
	FC 0001	Citrus fruits			0.31	0.44
	SO 0691	Cotton seed			0.02	
	DF 0269	Dried grapes (= Currants, Raisins, and Sultanas)			0.49	5.6
	MO 0105	Edible offal (Mammalian)			0.13	0.47
	PE 0112	Eggs			0.013	0.071
	VC 0045	Fruiting vegetables, Cucurbits			0.029	0.27
	VO 0050	Fruiting vegetables, other than Cucurbits (except sweet corn and mushrooms)			0.11	0.60
	VA 0381	Garlic	0.01 *		0.01	0.01
	FB 0269	Grapes	2		0.14	1.6
	VL 0053	Leafy vegetables	6		1.2	2.9
	MM 0095	Meat (from mammals other than marine mammals)	0.3		0.045 muscle 0.03 fat	0.2 muscle 0.073 fat
	ML 0106	Milks	0.2		0.05	
	VA 0385	Onion, bulb	0.01*		0	0
	VA 0389	Spring onion	0.7		0.11	0.39
	HS 0444	Peppers, Chili (dried)	15		1.1	6.0
	FP 0009	Pome fruits	0.4		0.07	0.26
	PM 0110	Poultry meat	0.1		0.015 musck 0.005 fat	0.05 muscle 0.021 fat
	PO 0111	Poultry, Edible offal of	0.3		0.046	0.18
	SO 0495	Rape seed	0.15		0.045	
	VR 0075	Root and tuber vegetables	0.03		0.01	0.023

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	AL 0541	Soya bean fodder	3		0.79	1.5
	VP 0541	Soya bean (immature seeds)	0.3		0.011	
	FS 0012	Stone fruits (except cherry)	2		0.13	0.9
	FB 0275	Strawberry	0.5		0.19	0.21
	TN 0085	Tree nuts	0.015		0.01	0.012
	GC 0653	Triticale	0.2		0.025	
	VL 0473	Watercress	6		1.0	2.9
	GC 0654	Wheat	0.2		0.025	
	AS 0654	Wheat straw and fodder, dry	3		0.14	1.8
	JF 0226	Apple juice			0.060	
		Barley flour			0.036	
		Barley, pearled			0.032	
		Cherry, dried			4.0	7.7
	JF 0004	Orange juice			0.022	
	JF 0048	Tomato juice			0.052	
	VW 0448	Tomato paste			0.23	
		Tomato puree			0.10	
		Wine			0.098	

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

The residue is not fat-soluble.

[†] Recommendations made as part of the CCPR Pilot project and are not based on official GAP.

Tebuconazole (189)**	FP 0226	Apple	1		0.275	0.5
ADI: 0–0.03 mg/kg bw	FS 0240	Apricot	2		0.46	
	VS 0620	Artichoke, globe	0.6	0.5	0.145	0.32
ARfD: 0.3 mg/kg bw	FI 0327	Banana	0.05	0.05	0.01	
	GC 0640	Barley	2	0.2 ^u	0.85	
	AS 0640	Barley straw and fodder, dry	40	10 (30 ^u)		
	VD 0071	Beans (dry)	0.3		0.05	
	VB 0400	Broccoli	0.2		0.015	0.11
	VB 0402	Brussels sprout	0.3		0.095	0.19
	VB 0041	Cabbages, Head	1		0.05	0.56
	VB 0404	Cauliflower	0.05*		0.05	0.05
	VR 0577	Carrot	0.4	0.5 ^u	0.11	0.22
	MO 0812	Cattle, edible offal of	W	0.05*		
	FS 0013	Cherries	4	5	0.86	3.1
	SO 0691	Cotton seed	2		0.05	
	SB 0716	Coffee beans	0.1	0.1	0.04	
	SM 0716	Coffee beans, roasted	W	0.5	0.08	
	VC 0424	Cucumber	0.15	0.2	0.05	0.09
	DF 0269	Dried grapes (=currants, Raisins and Sultanas)	7	3	0.86	5.5
	MO 0105	Edible offal (Mammalian)	0.2	0.5	0.06	0.15
	VO 0440	Egg plant	0.1		0.04	0.10
	PE 0112	Eggs	0.05*	0.05*	0	0
	FB 0267	Elderberries	1.5	2	0.345	0.70
	VA 0381	Garlic	0.1	0.1 ^u	0.02	0.06
	FB 0269	Grapes	6	2	0.72	4.6
	DH 1100	Hops, dry	40	30	9.65	
	VA 0384	Leek	0.7	1 ^u	0.195	0.44

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
	GC 0645	Maize	W	0.1 ^u		
	AS 0645	Maize fodder	6			
	FI 0345	Mango	0.05	0.1 ^u	0.05	0.05
	MM 0095	Meat (from mammals other than marine mammals)	0.05*	0.05*	0	0
	VC 0046	Melons, except Watermelon	0.15	0.2	0.02	0.02
	ML 0106	Milks	0.01*	0.01*	0	
	FS 0245	Nectarine	2		0.46	1
	GC 0647	Oats	2	0.05*	0.085	
	FT 0305	Olives	0.05*		0	
	VA 0385	Onion, bulb	0.1	0.1	0.02	0.06
	FI 0350	Papaya	2	2 ^u	0.18	1.2
	FI 0351	Passion fruit	0.1		0.1	0.1
	FS 0247	Peach	2	1	0.46	1
	SO 0697	Peanut	0.15	0.1 ^u	0.035	
	AL 0697	Peanut fodder	40	30		
	FP 0230	Pear	1		0.275	0.50
	HS 0444	Peppers Chili, dried	10	5	1.85	6.2
	VO 0445	Peppers, Sweet (including pimento or pimiento)	1	0.5	0.185	0.62
	FS 0014	Plums (including Prunes) [except prunes]	1	0.2 ^u	0.08	0.47
		Plum preserve			0.054	
	DF 0014	Prunes	3	0.5 ^u	0.232	1.36
	PM 0110	Poultry meat	0.05*	0.05*	0	0
	PO 0111	Poultry, Edible offal of	0.05*	0.05*	0.05	0.05
	SO 0495	Rape seed	0.3	0.5	0.10	
	GC 0649	Rice	1.5	2	0.275	
	GC 0650	Rye	0.15	0.05*	0.05	
	AS 0650	Rye straw and fodder, Dry	40	5		
	VD 0541	Soya bean (dry)	0.15	0.1	0.02	
	OR 0541	Soya bean oil, refined			0.001	
	VC 0431	Squash, Summer	0.2	0.02	0.05	0.10
	VO 0447	Sweet corn (corn-on-the-cob)	0.6	0.1 ^u	0.06	0.36
	VO 0448	Tomato	0.7	0.2 (0.5 ^u)	0.15	0.46
	GC 0653	Triticale	0.15		0.05	
	TN 0085	Tree nuts	0.05*		0	0
	VC 0432	Watermelon	W	0.1 ^u		
	GC 0654	Wheat	0.15	0.05	0.05	
	AS 0654	Wheat straw and fodder, dry	40	10		
	JF 0226	Apple juice			0.063	
		Apple sauce			0.094	
		Beer			0.002	
		Beans, cooked			0.01	
		Cabbage, cooked			0.019	0.23
	OR 0691	Cotton oil, edible			0	
		Peach juice			0.092	
		Peach jam			0.006	
		Peach preserve			0.006	
	JF 0048	Tomato juice			0.033	
	VW 0448	Tomato paste			0.19	
		Tomato preserve			0.018	
		Tomato puree			0.02	
		Wine			0.20	

Pesticide (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P mg/kg	HR or HR-P mg/kg
			New	Previous		
<p><i>Definition of the residue (for compliance with the MRL and for estimation of dietary intake) for plant and animal commodities: tebuconazole</i> <i>The residue is fat-soluble.</i></p> <p>⁹ Recommendation of the 2008 JMPR</p>						
<p>Thiamethoxam (245) ADI: 0–0.08 mg/kg bw ARFD: 1 mg/kg bw</p> <p><i>Definition of the residue (for compliance with the MRL) for plant and animal commodities: thiamethoxam.</i></p> <p><i>Definition of the residue (for estimation of the dietary intake) for plant and animal commodities (except poultry): thiamethoxam and clothianidin (considered separately)</i></p> <p><i>Definition of the residue for estimation of the dietary intake for poultry: sum of thiamethoxam, CGA 265307 and MU3, expressed as thiamethoxam; and clothianidin (clothianidin to be considered separately from thiamethoxam).</i></p> <p>See also clothianidin</p> <p><i>The residue is not fat-soluble.</i></p>						