

**Joint FAO/WHO Meeting on Pesticide Residues (JMPR)  
Rome, 20-29 September 2004**

The annual Joint FAO/WHO Meeting on Pesticide Residues (JMPR) was held in Rome, Italy, from 20 to 29 September 2004. The following extract of the results of this meeting is provided to make them accessible to interested parties at an early date.

The Meeting evaluated 31 pesticides, including three new compounds and eleven compounds re-evaluated within the Periodic Review Programme of the Codex Committee on Pesticide Residues (CCPR). The Meeting allocated Acceptable Daily Intakes (ADIs), Acute Reference Doses (ARfDs) and, at the first time, interim ARfD. Interim ARfD was allocated for a compound that was not scheduled for toxicological evaluation for use in the acute dietary risk assessment. This value is derived on an ad hoc basis from available data from previous meetings and therefore called interim ARfD. It can be used in dietary risk assessments until they are replaced by a full evaluation, if this is considered necessary.

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 the estimation of the dietary intakes of residues of the pesticides reviewed. The application of the HR levels is explained in the report of the 1999 Meeting (Section 2.4). The allocations and estimates are recorded in the Table 1.

The Meeting also estimated, for the first time, maximum residue levels for various pesticides for spice sub-groups specified by the CCPR based on monitoring data, and for dried chilli peppers taking into account the MRLs for fresh chilli peppers and peppers. The recommended values are listed separately in Tables 2 and 3.

Pesticides whose 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 where the available information indicates that the ARfD of a pesticide might be exceeded by consumption of a food commodity. It should be noted that these distinctions apply only to new compounds and those re-evaluated within the CCPR Periodic Review Programme.

Table 1 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 (*Codex Alimentarius*, Vol. 2B) and other documents and working documents of the Codex Alimentarius Commission. Compounds as well as commodities are listed in alphabetical order.

The tables will be included as Annex I and Annex II to the JMPR Report 2004 to be published early in 2005. This report will provide full details of the reasons for the recommendations, of the calculations of dietary intake and of the assessment of dietary risk of the pesticides reviewed.

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

* (following name of pesticide)	New compound
** (following name of pesticide)	Compound reviewed in 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) STMR-P mean	The recommendation accommodates post-harvest treatment of the primary food commodity.  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.
V (following recommendations for commodities of animal origin)	The recommendation accommodates veterinary uses
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.

Table 1. Recommended maximum residue levels, STMR and HR values and allocated ADI and ARfD values

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
<b>Bentazone (172)</b>						
ADI: 0-0.1 mg/kg bw						
ARfD: unnecessary						
<b>Captan (007)</b>						
ADI: 0-0.1 mg/kg bw						
ARfD: 0.3 mg/kg bw (for women of child-bearing age)						
<b>Carbofuran (096)</b>	FC 0004	Oranges, Sweet, Sour			0.1	0.05
ADI: 0-0.002 mg/kg bw						
ARfD: 0.009 mg/kg bw						
Residue for estimation of dietary intake in plant and animal commodities: sum of carbofuran, 3-hydroxycarbofuran and conjugated 3-hydroxycarbofuran, expressed as carbofuran						
<b>Chlorpyrifos (017)</b>	SO 0691	Cotton seed	0.3		0.07	
ADI: 0-0.01 mg/kg bw		Cotton seed mea		<0.		
ARfD: 0.1 mg/kg bw		Cotton seed hulls			0.05	
	OC 0691	Cotton seed oil, crude			0.10	
	OR 0691	Cotton seed oil, refined	0.05		0.01	
	VR 0589	Potato	2		0.51	0.87
	GC 0649	Rice	0.5		0.12	
	CM 1205	Rice, polished			0.008	
	CM 0649	Rice, husked			0.016	
		Rice hulls			0.29	
	CM 1206	Rice bran, unprocessed			0.22	
	VD 0541	Soya bean (dry)	0.1		0.01	
		Soya bean meal			<0.002	
	OC 0541	Soya bean oil, crude			0.004	
	OR 0541	Soya bean oil, refined	0.03		0.004	
	DT 1114	Tea, Green, Black (black, fermented and dried))	2		0.34	
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: chlorpyrifos The residue is fat-soluble						
<b>Dimethipin (151)</b>						
ADI: 0-0.02 mg/kg bw						
ARfD: 0.2 mg/kg bw						
<b>Dithiocarbamates</b>	VC 0424	Cucumber	2 c,N,p	2 c,N		
<b>Ferbam</b>	MO 0105	Edible offal (Mammalian)	0.1 C,m,p	0.1 C,m		
ADI: 0-0.003 mg/kg bw	PE 0112	Eggs	0.05(*) C,p	0.05(*) C		

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
<b>Propineb</b>	FB 0269	Grapes	5 C,m,n	5 C,m,n,p		
ADI: 0-0.007 mg/kg bw	MM 0095	Meat (from mammals other than marine mammals)	0.05(*) c,m,p	0.05(*) c,m		
<b>Thiram</b>	VC 0046	Melons (except Watermelon)	0.5 C	0.5 C,p		
ADI: 0-0.01 mg/kg bw	ML 0106	Milks	0.05(*) c,m,p	0.05(*) c,m		
<b>Ziram</b>	VA 0385	Onion, Bulb	0.5 C	0.5 C,p		
ADI: 0-0.003 mg/kg bw	TN 0672	Pecan	0.1(*) Z	0.1(*) T Z		
	VO 0445	Peppers, Sweet	7 c,m,P	1 c,m,		
	FP 0009	Pome fruits	5 C,M,H,Z	5 C,M,p,H, Z		
	VR 0587	Potato	0.2 c,m,n,p	0.2 c,m,n		
	PM 0110	Poultry meat	0.1 c,p	0.1 C		
	PO 0111	Poultry, Edible offal of	0.1 c,p	0.1 C		
	FS 0012	Stone fruits	7 h,p,Z	7 T h,Z		
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: total dithiocarbamates, determined as CS <sub>2</sub> , evolved during acid digestion and expressed as mg CS <sub>2</sub> /kg.						
<u>Note:</u>						
1. Recommended MRLs refer to the total residues from the use of any or each of the dithiocarbamates.						
2. Recommendations are based on trials with; n, maneb; m, metiram; c, mancozeb; p, propineb; h, thiram; z, ziram. Compounds shown in upper case as those on which the estimates of maximum residue levels are mainly based.						
3. The information provided to the JMPR precludes an estimate that the dietary intake would be below the interim ARfD for propineb.						
T: the 1996 JMPR recommended that the MRL should be designated as temporary pending review of data on environmental fate.						
<b>Ethoprophos** (149)</b>	FI 0327	Banana	0.02	0.02(*)	0.02	0.02
ADI: 0-0.0004 mg/kg bw	VR 0574	Beetroot	W	0.02(*)		
ARfD: 0.05 mg/kg bw	VB 0041	Cabbages, Head	W	0.02(*)		
	VC 0424	Cucumber	0.01	0.02(*)	0.01	0.01
	MO 0105	Edible offal (Mammalian)	0.01(*)		Liver 0 Kidney 0	Liver 0 Kidney 0
	VC 0425	Gherkin	W	0.02*		
	FB 0269	Grapes	W	0.02*		
	VL 0482	Lettuce, Head	W	0.02(*)		
	GC 0645	Maize	W	0.02(*)		
	AS 0645	Maize fodder	W	0.02(*)		
	AF 0645	Maize forage	W	0.02(*)		
	MM 0095	Meat (from mammals other than marine mammals)	0.01(*)		Muscle 0 Fat 0	Muscle 0 Fat 0
	VC 0046	Melons, except Watermelon	0.02	0.02(*)	0.005	0.012
	ML 0106	Milks	0.01(*)		0	
	VA 0385	Onion, Bulb	W	0.02(*)		
	SO 0697	Peanut	W	0.02(*)		
	AL 0697	Peanut fodder	W	0.02(*)		
	VP 0063	Peas (pods and succulent = immature seeds)	W	0.02(*)		
	VO 0051	Peppers	W	0.02(*)		
	VO 0445	Peppers, Sweet	0.05		0.005	0.044
	FI 0353	Pineapple	W	0.02(*)		
	AM 0353	Pineapple fodder	W	0.02(*)		
	AV 0353	Pineapple forage	W	0.02(*)		
	VR 0589	Potato	0.05	0.02(*)	0.01	0.03
	VD 0541	Soya bean (dry)	W	0.02(*)		
	AL 0541	Soya bean fodder	W	0.02(*)		
	GS 0659	Sugar cane	0.02	-	0.02	0.02
	VR 0508	Sweet potato	0.05	-	0.01	0.03

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	VO 0448	Tomato	0.01(*)	-	0.005	0.01
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: ethoprophos						
<b>Fenitrothion (037)<sup>1</sup></b>	FP 0226	Apple	0.5	W	0.04	0.41
ADI: 0-0.005 mg/kg bw	GC 0080	Cereal grains	10 (Po) <sup>2,3</sup>	10 (Po)	5	7.6
ARfD: 0.04 mg/kg bw	MO 0105	Edible offal (Mammalian)	0.05(*)	-	Liver 0 Kidney 0	Liver 0 Kidney 0
	PE 0112	Eggs	0.05(*)	-	0	0
	MM 0095	Meat (from mammals other than marine mammals)	0.05(*)	W	Muscle 0 Fat 0	Muscle 0 Fat 0
	ML 0106	Milks	0.01	W	0	
	FP 0230	Pear	W	W		
	PM 0110	Poultry meat	0.05(*)	-	Muscle 0 Fat 0	Muscle 0 Fat 0
	CM 1206	Rice bran, unprocessed	60	W	36	55
	CM 0649	Rice, husked			3.2	4.9
	CM 1205	Rice, polished	W	W	0.44	1.1
		Cooked husked rice			0.55	0.84
		Cooked polished rice			0.2	0.30
		Washed polished rice			0.23	0.35
		Cooked washed polished rice			0.1	0.15
	CM 0654	Wheat bran, unprocessed	30 (PoP) <sup>1</sup>	20 (PoP)	20	30
	CF 1211	Wheat flour	W	W	1.2	1.8
	CP 1211	White bread	W	W	0.5	0.76
	CP 1212	Wholemeal bread	W		1.9	2.9
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: Fenitrothion						
<sup>1</sup> The information provided to the JMPR precludes an estimate that the dietary intake would be below the ADI.						
<sup>2</sup> Proposal by 2003 JMPR, the recommendation is now considered to also cover pre-harvest use of fenitrothion.						
<sup>3</sup> The information provided to the JMPR precludes an estimate that the dietary intake would be below the ARfD.						
<b>Fenpropimorph (188)</b>						
ADI: 0-0.003 mg/kg bw						
ARfD: 0.2 mg/kg bw						
<b>Fenpyroximate (193)</b>						
ADI: 0-0.01 mg/kg bw						
ARfD: 0.01mg/kg bw						
<b>Fludioxonil* (211)</b>						
	HH 0722	Basil	10		2.4	
ADI: 0-0.4 mg/kg bw	DH 0722	Basil, dry	50		20	
ARfD: unnecessary	VD 0071	Beans (dry)	0.07		0.02	
	VP 0061	Beans, except broad bean and soya bean (green pods and immature seeds)	0.3		0.04	
	VP 0062	Beans, shelled (succulent = immature seeds)	0.03		0.02	
	FB 0264	Blackberries	5		1.0	
	FB 0020	Blueberries	2		0.60	
	VB 0400	Broccoli	0.7		0.23	
	VB 0041	Cabbages, Head	2		0.24	
	VR 0577	Carrot	0.7		0.20	
	GC 0080	Cereal grains	0.05(*)		0.02	
	HH 0727	Chives	10		2.8	
		Chives (dried)	50		22	
	FC 0001	Citrus fruits	7 (Po)		1.1	
	SO 0691	Cotton seed	0.05(*)		0.05	
	VC 0424	Cucumber	0.3		0.06	
	FB 0266	Dewberries (including	5		1.0	

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
		Boysenberry and Loganberry)				
	DF 0269	Dried grapes (= Currants, Raisins and Sultanas)			0.31	
	MO 0105	Edible offal (Mammalian)	0.05(*)		0	
	VO 0440	Egg plant (aubergine)	0.3		0.06	
	PE 0112	Eggs	0.05(*)		0	
	FB 0269	Grapes	2		0.28	
	JF 0269	Grape juice			0.26	
	FI 0341	Kiwifruit	15 (Po)		7.2	
	VL 0482	Lettuce, Head	10		2.7	
	AF 0645	Maize forage (dry)	0.03(*)		0	
	MM 0095	Meat (from mammals other than marine mammals)	0.01(*)		0	
	VC 0046	Melons, except Watermelon	0.03		0.02	
	ML 0106	Milks	0.01		0	
	VL 0485	Mustard greens	10		1.2	
	VA 0385	Onion, Bulb	0.5		0.04	
	VA 0389	Onion, Spring	5		0.59	
	FP 0230	Pear	0.7		0.21	
	VD 0072	Peas (dry)	0.07		0.02	
	VP 0063	Peas (pods and succulent = immature seeds)	0.3		0.04	
	VP 0064	Peas, shelled (succulent seeds)	0.03		0.02	
	VO 0455	Peppers, Sweet	1		0.18	
	TN 0675	Pistachio nut	0.2		0.05	
		Plum juice			0.08	
		Plum preserves			0.40	
		Plum puree			0.64	
	VR 0589	Potato	0.02		0.01	
	PM 0110	Poultry meat	0.01(*)		0	
	PO 0111	Poultry, Edible offal of	0.05(*)		0	
	DF 0014	Prunes (dried plums)			0.96	
	SO 0495	Rape seed	0.02(*)		0.02	
	FB 0272	Raspberries, Red, Black	5		1.0	
	FS 0012	Stone fruits	5 (Po)		0.80	
	AS 0081	Straw and fodder (dry) of cereal grains	0.06(*)		0	
	FB 0275	Strawberry	3		0.27	
		Strawberry juice			0.06	
		Strawberry preserves			0.24	
		Strawberry jam			0.13	
	VC 0431	Squash, Summer	0.3		0.06	
	VO 0447	Sweet corn (corn-on-the-cob)	0.01(*)		0.01	
	VO 0448	Tomato	0.5		0.12	
	JF 0448	Tomato juice			0.026	
		Tomato paste			0.17	
	VL 0473	Watercress	10		1.2	
		Wine (grape)			0.01	
Residue for compliance with MRLs and estimation of dietary intake in plant commodities: fludioxonil						
Residue for compliance with MRLs and estimation of dietary intake in animal commodities: sum of fludioxonil and metabolites determined as 2,2-difluorobenzo[1,1]dioxole-4-carboxylic acid, expressed as fludioxonil						
Fludioxonil is fat-soluble						
<b>Folpet (041)</b>						
ADI: 0-0.1 mg/kg bw						
ARfD: 0.2 mg/kg bw (for women of child-bearing age)						
<b>Glyphosate** (158)</b>						
ADI: 0-1 mg/kg bw						
ARfD: unnecessary						

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
<b>Malathion (049)</b>	FP 0226	Apple	0.5	W	0.11	0.37
ADI: 0-0.3 mg/kg bw	FC 0001	Citrus fruits	7	W	0.02	0.22
ARfD: 2 mg/kg bw	FB 0269	Grapes	5	W	0.16	2.6
	FS 0247	Peach	W	W		
<b>Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: malathion</b>						
<b>Metalaxyl-M* (212)</b>	FP 0009	Apple	0.02(*)	(Metalaxyl) Pome fruits 1	0	
ADI: 0-0.08 mg/kg bw for metalaxyl-M + metalaxyl	FB 0269	Grapes	1	1	0.14	
ARfD: unnecessary	VL 0482	Lettuce, Head	0.5	2	0.02	
	VA 0385	Onion, Bulb	0.03	2	0.02	
	VO 0445	Peppers, Sweet	0.5	Peppers 1	0.03	
	VO 0448	Tomato	0.2	0.5	0.045	
	VR 0589	Potato	0.02(*)	0.05(*)	0.02	
	VL 0502	Spinach	0.1	2	0.02	
	SO 0702	Sunflower seed	0.02(*)	0.05(*)	0	
	SB 0715	Cacao beans	0.02	0.2	0.02	
		Grape juice			0.050	
		Wine			0.092	
<b>Residue (of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in plant commodities:</b> metalaxyl						
<b>Residue (of metalaxyl including metalaxyl-M) for compliance with MRLs and estimation of dietary intake in animal commodities:</b> sum of metalaxyl and metabolites containing the 2,6-dimethylaniline moiety, expressed as metalaxyl.						
<b>Note.</b> No new MRLs are recommended because all MRLs required for metalaxyl-M are covered by existing MRLs for Metalaxyl. The values listed in the "New" column are the estimated maximum residue levels for metalaxyl-M and, because they do not exceed the existing metalaxyl MRLs, are not intended to replace them Metalaxyl is a racemic mixture of (R)- and (S)- enantiomers. Metalaxyl-M is the (R)- enantiomer. No MRLs are currently recommended for animal commodities.						
<b>Methamidophos (100)</b>	VC 0424	Cucumber	W	1		
ADI: 0-0.004 mg/kg bw						
ARfD: 0.01 mg/kg bw						
<b>Methomyl (094)</b>	VO 0051	Peppers	0.7	1	0.105	0.44
ADI: 0-0.02 mg/kg bw	AM 0738	Mint hay	0.5	2	0.08	0.32
ARfD: 0.02 mg/kg bw						
<b>Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities:</b> sum of methomyl and thiodicarb, expressed as methomyl						
<b>Oxydemeton-methyl (166)</b>	FP 0226	Apple <sup>2</sup>		0.05	0.01	0.04
ADI: 0-0.0003 <sup>1</sup> mg/kg bw	JF 0226	Apple juice			0.01	
ARfD: 0.002 mg/kg bw		Apple sauce			0.005	
	GC 0640	Barley <sup>4</sup>	0.02(*)	0.05(*)	0.01	
	AS 0640	Barley straw and fodder, dry <sup>4</sup>	0.1	2		
	VB 0041	Cabbages, Head <sup>2,3</sup>		0.05(*)	0.03	0.05
	MF 0812	Cattle fat <sup>3</sup>		0.05(*)	0	0
	VB 0404	Cauliflower <sup>4</sup>	0.01(*)	W	0.01	0.01
	VD 0526	Common bean (dry) <sup>5</sup>		0.1	0.01	
	SO 0691	Cotton seed <sup>5</sup>		0.05	0.01	
	OR 0691	Cotton seed oil, edible <sup>5</sup>			0.002	
	PE 0112	Eggs <sup>3</sup>		0.05(*)	0	0
	FB 0269	Grapes <sup>2</sup>		0.1	0.04	0.06
	VL 0480	Kale <sup>3</sup>		0.01(*)	0.01	0.01
	VB 0405	Kohlrabi <sup>3</sup>		0.05	0.02	0.05
	FC 0204	Lemon <sup>3</sup>		0.2	0.01	0.04
	MM 0097	Meat of cattle, pigs and sheep <sup>3</sup>		0.05(*)	0	0
	ML 0106	Milks <sup>3</sup>		0.01(*)	0	

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	FC 0004	Oranges, Sweet, Sour <sup>2,3</sup>		0.2	0.01	0.04
	FP 0230	Pear <sup>3</sup>		0.05	0.01	0.04
	MF 0818	Pig fat <sup>3</sup>		0.05(*)	0	0
	VR 0589	Potato <sup>4</sup>	0.01(*)	0.05(*)	0.01	0.01
	PF 0111	Poultry fats <sup>3</sup>		0.05(*)	0	0
	PM 0110	Poultry meat <sup>3</sup>		0.05(*)	0	0
	GC 0650	Rye <sup>4</sup>	0.02(*)	0.05(*)	0.01	
	AS 0650	Rye straw and fodder, dry <sup>4</sup>	0.1	2		
	MF 0822	Sheep fat <sup>3</sup>		0.05(*)	0	0
	VR 0596	Sugar beet <sup>4</sup>	0.01(*)	0.05(*)	0.01	
	AV 0596	Sugar beet leaves or tops <sup>4</sup>	0.05	0.05(*)		
	GC 0654	Wheat <sup>4</sup>	0.02(*)	0.05(*)	0.01	
	AS 0654	Wheat straw and fodder, dry <sup>4</sup>	0.1	2		
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphon, expressed as oxydemeton-methyl						
<b>Note.</b> The definition of the residue and recommendations for MRLs are based only on the use of oxydemeton-methyl.						
<sup>1</sup> Group ADI for demeton-S-methyl and related compounds						
<sup>2</sup> The information provided to the JMPR precludes an estimate that the dietary would be below the ARfD for children aged ≤ 6years						
<sup>3</sup> STMRs/STMRPs or HRs/HRPs were estimated based on 1998 evaluation .						
<sup>4</sup> STMRs/STMRPs or HRs/HRPs were estimated based on new data submitted in 2004 JMPR						
<sup>5</sup> Case 3 commodities do not require estimation of the HR for short term intake assessment.						
<b>Paraquat** (057)</b>	AM 0660	Almond hulls	0.01 (*)			
ADI: 0-0.005 mg/kg bw	FI 0030	Assorted tropical and sub-tropical +fruits – inedible peel (except passion fruit)	0.01 (*)		0.01	0.01
ARfD: 0.006 mg/kg bw	FB 0018	Berries and other small fruits	0.01 (*)		0	0
	MO 1280	Cattle kidney	W	0.5		
	FC 0001	Citrus fruits	0.02	-	0.01	0.02
	JF 0004	Orange juice			0	
	SO 0691	Cotton seed	2	0.2	0.21	
	OC 0691	Cotton seed oil, crude			0.01	
	OR 0691	Cotton seed oil, Edible	W	0.05 (*)		
	MO 0105	Edible offal (mammalian)	0.05		0.0007	0.033
	MO 0097	Edible offal of cattle, pigs & sheep	W	0.05 (*)		
	PE 0112	Eggs	0.005 (*)	0.01 (*)	0	0
	AV 1051	Fodder beet leaves or tops	0.2 (dry wt)			
	VC 0045	Fruiting vegetables, cucurbits	0.02		0	0
	VO 0050	Fruiting vegetables, other than cucurbits	0.05		0.01	0.04
	JF 0448	Tomato juice			0	
		Tomato ketchup			0	
	DH 1100	Hops, dry	0.1	0.2	0.05	0.05
		Beer			0.0001	
	VL 0053	Leafy vegetables	0.07		0.025	0.05
	GC 0645	Maize	0.03	0.1	0.025	
	CF 1255	Maize flour	0.05		0.038	
		Maize germ			0.0075	
		Maize grits/meal			0.013	
	OC 0645	Maize oil, crude			0.006	
		Corn starch			0.006	
	AS 0645	Maize fodder	10 (dry wt.)			
	AF 0645	Maize forage	5 (dry wt.)			
	MM 0095	Meat (from mammals other than marine mammals)	0.005		0.0001	0.005
	MM 0097	Meat of cattle, pigs & sheep	W	0.05 (*)		
	ML 0106	Milks	0.005(*)	0.01 (*)	0.00008	
	FT 0305	Olives	0.1	1	0.05	0.1

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	OC 0305	Olive oil, virgin			0.018	
	FI 0351	Passion fruit	W	0.2		
	MO 1284	Pig kidney	W	0.5		
	FP 0009	Pome fruits	0.01 (*)	-	0	0
	VR 0589	Potato	W	0.2		
		Potato crisps			0.02	
		Potato granules			0.05	
	PO 0111	Poultry, Edible offal of	0.005 (*)		0	0
	PM 0110	Poultry meat	0.005 (*)		0	0
	VD 0070	Pulses	0.5		0.1	
	GC 0649	Rice	W	10		
	CM 1205	Rice, Polished	W	0.5		
	VR 0075	Root and tuber vegetables	0.05		0.02	0.05
	MO 1288	Sheep kidney	W	0.5		
	GC 0651	Sorghum	0.03	0.5	0.025	
		Sorghum flour			0.004	
		Sorghum germ			0.013	
	AF 0651	Sorghum forage (green)	0.3 (dry wt)			
	AS 0651	Sorghum straw and fodder, dry	0.3 (dry wt)			
	VD 0541	Soya bean (dry)	W	0.1		
	AL 0541	Soya bean fodder	0.5 (dry wt)			
	AL 1265	Soya bean forage (green)	2 (dry wt)			
	OC 0541	Soya bean oil, crude			0.01	
	FS 0012	Stone fruits	0.01 (*)		0	0
	DF 0014	Prunes			0	
	SO 0702	Sunflower seed	2	2	0.22	
	OC 0702	Sunflower seed oil, Crude	W	0.05 (*)	0	
	OR 0702	Sunflower seed oil, Edible	W	0.05 (*)		
	DT 1114	Tea, Green, Black (black, fermented and dried)	0.2		0.06	
	TN 0085	Tree nuts	0.05		0.01	0.05
	AO1 0002	Vegetables (except as otherwise listed)	W	0.05 (*)		
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: paraquat cation						
<b>Phorate** (112)</b>						
ADI: 0-0.0007 mg/kg bw						
ARfD: 0.003 mg/kg bw						
<b>Pirimicarb** (101)</b>						
ADI: 0-0.02 mg/kg bw						
ARfD: 0.1 mg/kg bw						
<b>Pirimiphos-methyl (086)</b>						
	MO 0105	Edible offal (mammalian)	0.01(*) <sup>1</sup>		0	0
ADI: 0-0.03 mg/kg bw						
	PE 0112	Eggs	0.01	0.05	0	0.01
	MM 0095	Meat (from mammals other than marine mammals)	0.01(*) <sup>1</sup> (fat) <sup>1</sup>	0.05(*)	Muscle: 0 Fat: 0	Muscle: 0 Fat: 0
	PM 0110	Poultry meat	0.01(*) <sup>1</sup>		Muscle: 0 Fat: 0	Muscle: 0 Fat: 0
	PM 0111	Poultry, Edible offal of	0.01(*) <sup>1</sup>		0	0
<sup>1</sup> No residues expected from consumption of feed commodities with pirimiphos-methyl residues, as evaluated by JMPR. Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: pirimiphos-methyl. The residue is fat-soluble.						
<b>Prochloraz** (142)</b>						
	FI 0326	Avocado	W <sup>1</sup>	5 (Po)		
ADI: 0-0.01 mg/kg bw						
	FI 0030	Assorted tropical and subtropical fruits – inedible peel	7 (Po)		0.1	0.7
ARfD: 0.1 mg/kg bw						
	FI 0327	Banana	W <sup>1</sup>	5 (Po)		
	GC 0640	Barley	W <sup>1</sup>	0.5		
	AS 0640	Barley straw and fodder, dry	W <sup>1</sup>	15		

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg	
			New	Previous			
		Beer			0.01		
	MF 0812	Cattle fat	W <sup>1</sup>	0.5			
	MM 0812	Cattle meat	W <sup>1</sup>	0.1 (*)			
	MO 0812	Cattle, Edible offal of	W <sup>1</sup>	5			
	GC 0080	Cereal grains	2		0.11	1.2	
	FC 0001	Citrus fruits	10 (Po)		0.1	0.92	
	SB 0716	Coffee beans	W	0.2			
	MO 0105	Edible offal (Mammalian)	10		1.2	6.2	
	PE 0112	Eggs	0.1		0.012	0.07	
	SO 0693	Linseed	0.05 (*)		0.05	0.05	
	FI 0345	Mango	W <sup>1</sup>	2 (Po)			
	MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)		0.02 (muscle) 0.06 (fat)	0.1 (muscle) 0.38 (fat)	
	ML 0106	Milks	0.05 *	0.1*	0	0	
	VO 0450	Mushrooms	40	2	4.9	37	
	GC 0647	Oats	W <sup>1</sup>	0.5			
	AS 0647	Oats straw and fodder, dry	W <sup>1</sup>	15			
	FC 0004	Oranges, Sweet, Sour	W <sup>1</sup>	5 Po			
	FI 0350	Papaya	W <sup>1</sup>	1 Po			
	HS 0790	Pepper; Black; White	10		5.1	5.1	
	PM 0110	Poultry meat	0.05*		0.001 (muscle) 0.001 (fat)	0.005 (muscle) 0.007 (fat)	
	PO 0111	Poultry, Edible offal of	0.2		0.015	0.1	
	SO 0495	Rape seed	0.7	0.5	0.1	0.48	
		Rape seed meal			0.06		
	OR 0495	Rape seed oil, edible			0.06		
	GC 0650	Rye	W <sup>1</sup>	0.5			
	AS 0650	Rye straw and fodder, dry	W <sup>1</sup>	15			
	FS 0012	Stone fruits	W	0.05			
	AS 0081	Straw and fodder (dry) of cereal grains	40				
	SO 0702	Sunflower seed	0.5		0.1	0.32	
		Sunflower seed meal			0.05		
	OR 0702	Sunflower seed oil, edible	1		0.06		
	GC 0654	Wheat	W <sup>1</sup>	0.5			
	CM 0654	Wheat bran, unprocessed	7		0.54		
	AS 0654	Wheat straw and fodder, dry	W <sup>1</sup>	15			
	CF 1211	Wheat flour			0.025		
	CP 1212	Wholemeal bread			0.14		
<sup>1</sup> Replaced by recommendation for wider group of commodities Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: sum of prochloraz and its metabolites containing the 2,4,6-trichlorophenol moiety, expressed as prochloraz. The residue is fat-soluble							
<b>Propiconazole** (160)</b>							
ADI: 0-0.07 mg/kg bw							
ARfD: 0.3 mg/kg bw							
<b>Propineb**</b>							
	FP 0226	Apple	W	2			
	ADI: 0-0.007mg/kg bw	FS 0013	Cherries	0.2	-	0.13	0.35
	Interim <sup>1</sup> ARfD: 0.1 mg/kg bw	VC 0424	Cucumber	1	-	0.49	1.1
	MO 0105	Edible offal (Mammalian)	0.05 (*)	-	0	0	
	PE 0112	Eggs	0.01 (*)	-	0	0	
	FB 0269	Grapes	W	2			
	MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	-	0	0	
	VC 0046	Melons (except Watermelon)	W	0.1 (*)			
	VA 0385	Onion, Bulb	W	0.2 (*)			

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	FP 0230	Pear	W	2		
	VO 0445	Peppers, Sweet	7	-	1.6	13
	VR 0587	Potato	0.1	0.1 (*)	0.12	0.16
	PM 0110	Poultry meat	0.05 (*)	-	0	0
	PO 0111	Poultry, Edible offal of	0.05 (*)	-	0	0
	VO 0448	Tomato	2	1	1	2.9
Residue for compliance with MRLs in plant and animal commodities: total dithiocarbamates, determined as CS <sub>2</sub> , evolved during acid digestion and expressed as mg CS <sub>2</sub> /kg.						
Residue for estimation of dietary intake in plant and animal commodities: sum of propineb and propylenethiourea						
Note. All recommended MRLs are covered by the existing or recommended MRLs for dithiocarbamates.						
Note 1: The WHO Core Assessment Group is occasionally asked by the FAO Panel of Experts to establish an ARfD for compounds that were not scheduled for toxicological evaluation for use in the acute dietary risk assessment. This value is derived on an ad hoc basis from available data from previous meetings and therefore called interim ARfD. It can be used in dietary risk assessments until they are replaced by a full evaluation, if this is considered necessary.						
<b>Pyraclostrobin* (210)</b>	AM 0660	Almond hulls	2		0.20	
ADI: 0-0.03 mg/kg bw	TN 0660	Almond	0.02(*)		0.02	0.02
ARfD: 0.05 mg/kg bw	FI 0327	Banana	0.02(*)		0.02	0.02
	GC 0640	Barley	0.5		0.03	
		Malt			0.03	
	VD 0071	Beans,(dry)	0.2		0.02	0.10
	FB 0020	Blueberries	1		0.34	0.57
	VR 0577	Carrot	0.5		0.12	0.24
	FS 0013	Cherries	1		0.43	0.63
	FC 0001	Citrus fruits	1		0.19	0.51
	DF 0269	Dried grapes (Currants, Raisins, Sultanas)	5		1.36	4.27
	MO 0095	Edible offal, Mammalian	0.05(*)		0.008	0.037
	PE 0112	Eggs	0.05(*)		0	0
	AV 1051	Fodder beet leaves or tops	50			
	VA 0381	Garlic	0.05(*)		0.05	0.05
	FB 0269	Grapes	2		0.44	1.38
	JF 0269	Grape juice			0.005	
		Wine			0.04	
	VD 0533	Lentil (dry)	0.5		0.13	
	GC 0645	Maize	0.02(*)		0.02	
	FI 0345	Mango	0.05(*)		0.05	0.05
	MM 0095	Meat (from mammals other than marine mammals)	0.5 (fat)		Muscle 0.009 fat 0.063	Muscle 0.044 fat 0.41
	ML 0106	Milks	0.03		0.01	
	GC 0647	Oats	0.5		0.17	
	VA 0385	Onion, Bulb	0.2		0.02	0.09
	FI 0350	Papaya	0.05(*)		0.05	0.05
	FS 0247	Peach	0.5		0.15	0.31
	SO 0703	Peanut	0.02(*)		0.02	0.02
	AL 0697	Peanut fodder	50			
	VD 0072	Peas (dry)	0.3		0.07	
		Pea vines	40			
		Pea hay	30			
	TN 0672	Pecan	0.02(*)		0.02	0.02
	TN 0678	Pistachio nut	1		0.22	0.45
	FS 0014	Plums (including Prunes)	0.3		0.06	0.19
	VR 0589	Potato	0.02(*)		0.02	0.02
	PM 0110	Poultry meat	0.05(*) (fat)		Muscle 0 fat 0	Muscle 0 fat 0
	PO 0111	Poultry, Edible offal of	0.05(*)		0	0
	VR 0494	Radish	0.5		0.08	0.3
	VL 0494	Radish leaves (including Radish tops)	20		9.9	15
	VC 0431	Squash, Summer	0.3		0.15	0.18

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	AS 0081	Straw and fodder (dry) of cereal grains	30		1.69	
	FB 0275	Strawberry	0.5		0.16	0.26
	VR 0596	Sugar beet	0.2		0.04	
	VO 0448	Tomato	0.3		0.12	0.21
	GC 0654	Wheat	0.2		0.02	
	CF 1211	Wheat flour			0.012	
	CF 1210	Wheat germ			0.016	
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: pyraclostrobin. The residue is fat-soluble.						
<b>Spinosad (203)</b>	FM 0812	Cattle milk fat	5			
ADI: 0-0.02 mg/kg bw	GC 0080	Cereal grains	1 (Po)		0.70	
ARfD: unnecessary	DF 0269	Dried grapes (= Currants, Raisins and Sultanas)	1		0.13	
	MO 0105	Edible offal (Mammalian) [except cattle] <sup>2</sup>	0.5		Liver: 0.064 Kidney: 0.032	
	FB 0269	Grapes	0.5		0.084	
	GC 0645	Maize	W <sup>1</sup>	0.01(*)		
	MM 0095	Meat (from mammals other than marine mammals) [except cattle] <sup>2</sup>	2 (fat)		Meat 0.01 Fat: 0.32	
	MM 0822	Sheep meat	W <sup>1</sup>	0.01(*) (fat)		
	MO 0822	Sheep, Edible offal of	W <sup>1</sup>	0.01(*)		
	GC 0651	Sorghum	W <sup>1</sup>	1		
	CM 0654	Wheat bran, unprocessed	2		1.4	
		Grits			0.057	
	CF 1255	Maize flour			0.13	
	OC 0645	Maize oil, crude			0.77	
	CM 1206	Rice bran, unprocessed			0.55	
		Rice hulls			2.0	
	CM 0649	Rice, husked (Brown rice)			0.077	
	CM 1205	Rice, polished (White rice)			0.015	
	CF 1211	Wheat flour			0.18	
	CP 1211	White bread			0.098	
		Wine			0.027	
Residue for compliance with MRLs and estimation of dietary intake in plant and animal commodities: sum of spinosyn A and spinosyn D. The residue is fat-soluble, but residues in milk should be determined in the whole milk.						
<sup>1</sup> Replaced by recommendation for wider group of commodities.						
<sup>2</sup> The recommendations are derived from a dairy cow feeding study and the corresponding animal dietary burden. They are extended to 'Edible offal (Mammalian) [except cattle]' and 'Meat (from mammals other than marine mammals) [except cattle]' following the policy of the 2002 JMPR. The proposed MRLs for cattle meat (3 mg/kg, fat), cattle kidney (1 mg/kg) and cattle liver (2mg/kg), arising from the direct use of spinosad on cattle, should remain. They exceed the recommendations for mammalian meat and offal, and so require the restriction 'except cattle' to the general commodity descriptions.						
<b>Triadimefon** (133)</b>						
ADI: 0-0.03 mg/kg bw						
ARfD: 0.08 mg/kg bw						
<b>Triadimenol** (168)</b>						
ADI: 0-0.03 mg/kg bw						
ARfD: 0.08 mg/kg bw						
<b>Trifloxystrobin* (213)</b>	AM 0660	Almond hulls <sup>1</sup>	3			
ADI: 0-0.04 mg/kg bw	DF 0226	Apples, dried			0.043	
ARfD: unnecessary	JF 0226	Apple juice			0.018	
		Apple sauce			0.053	

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
		Apple preserve			0.053	
		Apricot, canned			0.019	
	FI 0327	Banana	0.05		0.02	
	GC 0640	Barley	0.5		0.04	
	AS 0640	Barley straw and fodder (dry) <sup>1</sup>	7			
		Beer (residue arising from hops)			0.01	
	VB 0402	Brussels sprouts	0.5		0.17	
	VR 0577	Carrot	0.1		0.035	
	VB 0041	Cabbages, Head	0.5		0.17	
	VS 0624	Celery	1		0.18	
	FC 0001	Citrus fruits <sup>2</sup>	0.5		0.095	
	JF 0001	Citrus juice <sup>2</sup>			0.018	
	AB 0001	Citrus pulp, dry <sup>1</sup>	1			
		Citrus oil (orange)			12	
	DF 0269	Dried grapes (Raisins)	5		0.345	
	PE 0112	Eggs	0.04(*)		0	
	VB 0042	Flowerhead brassicas	0.5		0.17	
	VC 0045	Fruiting vegetables, Cucurbits	0.3		0.095	
	FB 0269	Grapes	3		0.15	
	JF 0269	Grape juice			0.036	
		Must			0.07	
		Wine			0.023	
	DH 1100	Hops, dry	40		9.95	
	MO 0098	Kidney of cattle, goats, pigs and sheep	0.04(*)		0.004	
	VA 0384	Leek	0.7		0.31	
	MO 0099	Liver of cattle, goats, pigs and sheep	0.05		0.008	
	GC 0645	Maize	0.02		0.02	
	AS 0645	Maize fodder <sup>1</sup>	10			
	MM 0095	Meat (from mammals other than marine mammals)	0.05 (fat)		0.006 (fat) 0 (muscle)	
	ML0106	Milks	0.02(*)		0	
		Nectarine, canned			0.019	
		Peach, canned			0.019	
	SO 0697	Peanut	0.02(*)		0	
	AL 0697	Peanut fodder <sup>1</sup>	5			
		Pears, dried			0.043	
		Pear juice			0.018	
		Pear preserve			0.053	
	VO 0445	Peppers, Sweet	0.3		0.1	
	FP 0009	Pome fruits	0.7		0.11	
	VR 0589	Potato	0.02(*)		0.02	
		Potato chips			0.008	
		Potato flakes			0.008	
	PO 0111	Poultry, Edible offal of	0.04(*)		0	
	PM 0110	Poultry meat	0.04(*) (fat)		0 (fat) 0 (muscle)	
		Prunes, dried			0.57	
	GC 0649	Rice	5		0.16	
	CM 1205	Rice, polished			0.029	
	CM 1206	Rice bran, unprocessed <sup>1</sup>	7		0.25	
	AS 0649	Rice straw and fodder, dry <sup>1</sup>	10			
	FS 0012	Stone fruits	3		0.38	
	FB 0275	Strawberry	0.2		0.1	
		Strawberry, canned			0.029	
		Strawberry jam			0.062	
	VR 0596	Sugar beet	0.05		0.02	
		White sugar			0.0036	

Pesticides (Codex reference number)	CCN	Commodity	Recommended MRL mg/kg		STMR or STMR-P, mg/kg	HR or HR-P mg/kg
			New	Previous		
	AB 0596	Sugar beet pulp, dry <sup>1</sup>	0.2			
	DM 0596	Sugar beet molasses <sup>1</sup>	0.1			
	AM 0596	Sugar beet leaves or tops <sup>1</sup>	15			
	VO 0448	Tomato	0.7		0.08	
		Tomato paste			0.13	
		Tomato puree			0.045	
	TN 0085	Tree nuts	0.02(*)		0	
	GC 0654	Wheat	0.2		0.02	
	CM 0654	Wheat bran, unprocessed <sup>1</sup>	0.5		0.062	
	CF 1211	Wheat flour			0.008	
	CF 1210	Wheat germ			0.013	
	CF 1212	Wheat wholemeal			0.01	
	CP 1212	Wheat wholemeal bread			0.005	
	AS 0654	Wheat straw and fodder, dry <sup>1</sup>	5			
<b>Residue in plant commodities</b>						
for compliance with MRLs: trifloxystrobin						
for estimation of dietary intake: sum of trifloxystrobin and [( <i>E,E</i> )-methoxyimino-2-[1-(3-trifluoromethylphenyl)ethylideneaminoxymethyl]phenyl]acetic acid] (CGA 321113), expressed as trifloxystrobin.						
<b>Residue in animal commodities</b>						
For compliance with MRLs and estimation of dietary intake:						
sum of trifloxystrobin and [( <i>E,E</i> )-methoxyimino-2-[1-(3-trifluoromethylphenyl)ethylideneaminoxymethyl]phenyl]acetic acid] (CGA 321113), expressed as trifloxystrobin.						
The residue is fat-soluble.						
<sup>1</sup> Expressed on dry weight						
<sup>2</sup> STMR, STMR-P based on whole fruit residue data						

**Table 2. Recommended MRLs, STMR and HR values for spices<sup>1/</sup>**

Pesticide	Group or Sub-Group of Spices	Proposed MRL (mg/kg)	Median <sup>2/</sup> (mg/kg)	High residue <sup>2/</sup> (mg/kg)
Acephate	Entire Group 028 <sup>3</sup>	0.2(*)	0.2	0.2
Azinphos-methyl	Entire Group 028 <sup>3</sup>	0.5(*)	0.1	<0.5
Chlorpyrifos	Seeds	5	0.09	3.6
	Fruits or berries	1		
	Roots or rhizomes	1		
Chlorpyrifos-methyl	Seeds	1	0.77	2.9
	Fruits	0.3		
	Roots/rhizomes	5		
Cypermethrin	Fruits or berries	0.1	0.11	0.12
	Roots or rhizomes	0.2		
Diazinon	Seeds	5	0.19	3.6
	Fruits	0.1 (*)		
	Roots or rhizomes	0.5		
Dichlorvos	Entire Group 028 <sup>3</sup>	0.1(*)	0.1	0.1
Dicofol	Seeds	0.05(*)	0.05	0.05
	Fruits or berries	0.1		
	Roots/rhizomes	0.1		
Dimethoate	Seeds	5	0.17	3
	Fruits or berries	0.5		
	Roots or rhizomes	0.1(*)		
Disulfoton	Entire Group 028 <sup>3</sup>	0.05(*)	0.05	0.05
Endosulfan (total)	Seeds	1	0.12	3.2
	Fruits or berries	5		
	Roots or rhizomes	0.5		

Pesticide	Group or Sub-Group of Spices	Proposed MRL (mg/kg)	Median <sup>2/</sup> (mg/kg)	High residue <sup>2/</sup> (mg/kg)
Ethion	Seeds	3	1.7	3.1
	Fruits or berries	5		
	Roots or rhizomes	0.3		
Fenitrothion	Seeds	7	0.4	5.4
	Fruits or berries	1		
	Roots or rhizomes	0.1(*)		
Iprodion	Seeds	0.05(*)	0.05	0.05
	Roots or rhizomes	0.1		
Malathion	Seeds	2	0.48	0.86
	Fruits or berries	1		
	Roots or rhizomes	0.5		
Metalaxyl	Seeds	5	0.43	3.2
Methamidophos	Entire Group 028 <sup>3</sup>	0.1(*)	0.01	0.1
Mevinphos	Seeds	5	0.05	2.9
	Fruits or berries	0.2(*)		
	Roots or rhizomes	1		
Parathion	Seeds	0.1 (*)	0.1	0.1
	Fruits or berries	0.2		
	Roots or rhizomes	0.2		
Parathion-methyl	Seeds	5	0.43	3.4
	Fruits or berries	5		
	Roots or rhizomes	3		
Permethrin	Entire Group 028 <sup>3</sup>	0.05 (*)	0.05	0.05
Phenthoate	Seeds	7 <sup>c</sup>	1.2	5.2
Phorate	Seeds sub-group	0.5	0.21	0.3
	Fruits or berries	0.1(*)		
	Roots or rhizomes	0.1(*)		
Phosalone	Seeds	2	0.85	1.5
	Fruits	2		
	Roots/rhizomes	3		
Pirimicarb	Seeds	5	0.14	3
Pirimiphos-methyl	Seeds sub-group	3	0.23	1.8
	Fruits sub-group	0.5		
Quintozene	Seeds sub-group	0.1	0.05	1.2
	Fruits or berries	0.02		
	Roots or rhizomes	2		
Vinclozoline	Entire spice group <sup>3</sup>	0.05 (*)	0.05	0.05

<sup>1</sup> The residue definitions remain the same as those recommended for the given pesticide in other plant commodities.

<sup>2</sup> Values recommended for calculation of short term and chronic intakes are indicated.

<sup>3</sup> The Group of A28 as modified by the 36<sup>th</sup> Session of CCPR

**Table 3. Recommended maximum residue levels of residues in/on dried chili peppers<sup>1</sup>**

Pesticide		Recommended MRL for dried chili pepper, (mg/kg)	Notes
177	Abamectin	0.2	
95	Acephate	50	
2	Azinphos-methyl	10	
155	Benalaxyl	0.5	
47	Bromide ion	200	
8	Carbaryl	50	
72	Carbendazim (based on chilli peper)	20	

81	Chlorothalonil	70	
17	Chlorpyrifos	20	
90	Chlorpyrifos-methyl	5	
157	Cyfluthrin	2	
67	Cyhexatin	5	
118	Cypermethrin	5	
169	Cyromazine	10	
22	Diazinon	0.5	
82	Dichlofluanid	20	
26	Dicofol	10	
27	Dimethoate	50	
87	Dinocap	2	
105	Dithiocarbamates	10	
106	Ethephon	50	
149	Ethoprophos	0.2	(a)
192	Fenarimol	5	
185	Fenpropathrin	10	
119	Fenvalerate	5	
206	Imidacloprid	1	
49	Malathion	1	
138	Metalaxyl	10	
100	Methamidophos	20	
94	Methomyl	10	(b)
209	Methoxyfenozide	20	
54	Monocrotophos	2	
126	Oxamyl	50	
120	Permethrin	10	
61	Phosphamidon	2	
62	Piperonyl butoxide	20	
101	Pirimicarb	20	
86	Pirimiphos-methyl	10	(c)
136	Procymidone	50	
171	Profenofos	50	
148	Propamocarb	10	
63	Pyrethrins	0.5	
64	Quintozene	0.1	
203	Spinosad	3	
189	Tebuconazole	5	
196	Tebufenozide	10	
162	Tolylfluanid	20	
133	Triadimefon	1	
168	Triadimenol	1	
159	Vinclozolin	30	

<sup>1/</sup> The residue definitions remain the same as those recommended for the given pesticide in other plant commodities.

Notes:

(a) The 2004 JMPR recommended a new maximum residue level of 0.05 mg/kg for sweet pepper

(b) Withdrawn by the 2001 JMPR. The 2004 JMPR recommended a new maximum residue level of 0.7 mg/kg

(c) Withdrawn by the 2003 JMPR