

# CODEX ALIMENTARIUS COMMISSION



**Food and Agriculture  
Organization of  
the United Nations**



**World Health  
Organization**

# E

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - Fax: (+39) 06 5705 4593 - E-mail: [codex@fao.org](mailto:codex@fao.org) - [www.codexalimentarius.net](http://www.codexalimentarius.net)

Agenda Item 5

CX/PR 11/43/3

**CORRIGENDUM**

March 2010

**JOINT FAO/WHO FOOD STANDARDS PROGRAMME  
CODEX COMMITTEE ON PESTICIDE RESIDUES**

43<sup>rd</sup> Session

Beijing, P.R. China, 4 - 9 April 2011

**DRAFT AND PROPOSED DRAFT MAXIMUM RESIDUE LIMITS IN FOODS AND FEEDS  
AT STEPS 7 AND 4**

The following has been corrected for the listed compounds:

**90 Chlorpyrifos-Methyl**

1. The notes for GC 0640 Barley (3 and 10 mg/kg), GC 0647 Oats (10 mg/kg), GC 0651 Sorghum (10 mg/kg), GC 0654 Wheat (3 and 10 mg/kg), CM 0654 Wheat bran, unprocessed (6 mg/kg) and CF Wheat germ (5 mg/kg) have been amended to better reflect the current status of the MRLs.

2. GC 0654 Wheat bran, unprocessed (20 mg/kg). The CXL was reinstated as it was inadvertently deleted.

**193 Fenpyroximate**

3. The proposed MRL for VC 0046 Melons, except watermelons have been amended to refer to the LOQ in line with the 2010 JMPR evaluation.

**234 Spirotetramate**

4. The CXL for pome fruit at 7 mg/kg was incorporated as it was inadvertently omitted. This CXL has been adopted by the 32<sup>nd</sup> Session of the Codex Alimentarius Commission (ALINORM 09/32/REP, para. 56).

## PART 1

### LIST OF MAXIMUM RESIDUE LIMITS FOR PESTICIDES IN FOOD AND ANIMAL FEEDS

(At Various Steps of the Codex Procedure)

## Part 1: Pesticides with MRLs

### 90 Chlorpyrifos-Methyl

Main Uses: Insecticide

JMPR: 75, 76, 79R, 90R, 91', 92T, 93R, 94R, 01T'

ADI: 0-0.01 mg/kg body weight (1992)

Acute RfD: 0.1 mg/kg body weight (2009)

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

Commodity Code	Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
GC 0640	Barley	10	Po		6	94	43			Returned to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
GC 0640	Barley	3	Po		6	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
MF 0812	Cattle fat	0.05			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)
MM 0812	Cattle meat	0.05			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)
MO 0812	Cattle, Edible offal of	0.05			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)
PF 0840	Chicken fat	0.05			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
PM	0840	Chicken meat			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)
PO	0840	Chicken, Edible offal of			CXL					Withdrawal recommended. Replaced by commodity group MRL (JMPR 2009). CXL was retained awaiting the final adoption of the corresponding commodity MRL group. (42-36)
FC	0001	Citrus fruits			CXL	09	42		2010	
MO	0105	Edible offal (mammalian)			6	09	43			
VO	0440	Egg plant			CXL	09	42		2010	
PE	0112	Eggs		(*)	6	09	43			
AB	0269	Grape pomace, Dry			6	09	43			
FB	0269	Grapes			CXL	09	42		2010	
MM	0095	Meat (from mammals other than marine mammals)		(fat)	6	09	43			
FM	0183	Milk fats		(*)	6	09	43			
ML	0106	Milks		(*)	6	09	43			
GC	0647	Oats		Po	6	94	43	28-42		Returned to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
VO	0051	Peppers			CXL	09	42		2010	
HS	0444	Peppers Chili, dried			CXL	09	42		2010	
FP	0009	Pome fruits			CXL	09	42		2010	
VR	0589	Potato		(*)	CXL	09	42		2010	
PM	0110	Poultry meat		(fat)	6	09	43			
PO	0111	Poultry, Edible offal of		(*)	6	09	43			
GC	0649	Rice			CXL					Withdrawal recommended. (JMPR 2009)
GC	0649	Rice		Po	6	94	43	28-42		The Delegation Republic of Korea informed the Committee of their chronic dietary intake concerns with the rice MRL and the Committee requested the Delegation Republic of Korea to submit their intake calculations to JMPR (36-120)
GC	0651	Sorghum		Po	CXL					Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).

Commodity		MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
Code	Name									
FS	0012	Stone fruits			CXL	09	42		2010	
FB	0275	Strawberry			CXL	09	42		2010	
VO	0448	Tomato			CXL	09	42		2010	
GC	0654	Wheat	Po		CXL		26			Retained the CXL awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
GC	0654	Wheat	Po		6	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
CM	0654	Wheat bran, Unprocessed	PoP		CXL					
CM	0654	Wheat bran, Unprocessed	PoP		6	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).
CF	1210	Wheat germ	PoP		6	09	43			Advanced to Step 6 awaiting the review of alternative GAP for cereal grains by the 2012 JMPR (42-36).

**193 Fenpyroximate**

Main Uses: Acaricide

JMPR: 95, 99R, 04T, 07T

ADI: 0-0.01 mg/kg body weight (1995)

Acute RfD: 0.02 mg/kg body weight (2007)

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

Note: Previous ARfD 0.01 (2004) changed in 2007. The Committee decided to return for the second time the MRLs for apple and grapes to Step 6 because of acute intake concerns for children and the general population (grapes only) (37-160). The Committee decided to return the draft MRLs for grapes and apple to Step 6 because of acute intake concerns, awaiting the outcome of the 2007 JMPR evaluation (ARfD) (38-119). The Committee decided to return the draft MRLs for apple and grapes to Step 6 because of acute intake concerns, awaiting the outcome of the 2007 JMPR review of the ARfD (39-115).

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
FP 0226	Apple	0.3			CXL	99,07	40	33-39	2008	Withdrawal recommended (JMPR 2010). Replaced by commodity group maximum residue level recommendation.
MO 1280	Cattle kidney	0.01		(*)	CXL	99	34	33	2003	
MO 1281	Cattle liver	0.01		(*)	CXL	99	34	33	2003	
MM 0812	Cattle meat	0.02		(fat)	CXL	99	37	34-36	2005	
ML 0812	Cattle milk	0.005		(*) F	CXL	99	37	34-36	2005	
FC 0001	Citrus fruits	0.5			3	10	43			
VC 0424	Cucumber	0.03			3	10	43			
DF 0269	Dried grapes (=currants, raisins and sultanas)	0.3			3	10	43			
VO 0050	Fruiting vegetables other than cucurbits	0.2		Except sweet corn and mushrooms	3	10	43			
FB 0269	Grapes	1			7	99	43			Retain the draft MRL at Step 7 awaiting the outcome of the evaluation by 2010 JMPR (42-63).
FB 0269	Grapes	0.1			3	10	43			
DH 1100	Hops, Dry	10			CXL	99	34	33	2003	
VC 0046	Melons, except watermelon	0.05		(*)	3	10	43			
FC 0004	Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars	0.2			CXL	99	37	33-36	2005	Withdrawal recommended (JMPR 2010). Replaced by commodity group maximum residue level recommendation.
HS 0444	Peppers Chili, dried	1			3	10	43			
FP 0009	Pome fruits	0.3			3	10	43			
TN 0085	Tree nuts	0.05		(*)	3	10	43			

**234 Spirotetramate**

Main Uses: Insecticide

JMPR:

ADI: 0 – 0.5 mg/kg body weight

Acute RfD: 1.0 mg/kg body weight (2008)

Residue: For plant commodities (for compliance with MRL) : 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. For plant commodities (for estimation of dietary intake): 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]decane-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. For animal commodities (for compliance with MRL and estimation of dietary intake) : Spirotetramat enol metabolite, 3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-

Commodity Code	Commodity Name	MRL (mg/kg)	Source	Note CXL	Step	JMPR	CCPR	Prior CCPR	CAC	Note CCPR
AM 0660	Almond hulls	10			CXL	08	41		2009	
VB 0041	Cabbages, Head	2			CXL	08	41		2009	
VS 0624	Celery	4			CXL	08	41		2009	
FC 0001	Citrus fruits	0.5			CXL	08	41		2009	
DF 0269	Dried grapes (=currants, raisins and sultanas)	4			CXL	08	41		2009	
MO 0105	Edible offal (mammalian)	0.03			CXL	08	41		2009	
VB 0042	Flowerhead brassicas (includes Broccoli, Chinese and Cauliflower)	1			CXL	08	41		2009	
VO 0050	Fruiting vegetables other than cucurbits	1		Except sweet corn, mushrooms and chili pepper	CXL	08	41		2009	
VC 0045	Fruiting vegetables, Cucurbits	0.2			CXL	08	41		2009	
AB 0269	Grape pomace, Dry	4			CXL	08	41		2009	
FB 0269	Grapes	2			CXL	08	41		2009	
DH 1100	Hops, Dry	15			CXL	08	41		2009	
VL 0053	Leafy vegetables	7			CXL	08	41		2009	
MM 0095	Meat (from mammals other than marine mammals)	0.01		(*)	CXL	08	41		2009	
ML 0106	Milks	0.005		(*)	CXL	08	41		2009	
VO 0444	Peppers Chili	2		Non-bell	CXL	08	41		2009	
HS 0444	Peppers Chili, dried	15			CXL	08	41		2009	
FP 0009	Pome fruits	0.7			CXL	2008	41		2009	
VR 0589	Potato	0.8			CXL	08	41		2009	
DF 0014	Prunes	5			CXL	08	41		2009	
FS 0012	Stone fruits	3			CXL	08	41		2009	
TN 0085	Tree nuts	0.5			CXL	08	41		2009	

