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,
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SUBJECT: DISTRIBUTION OF THE REPORT OF THE 44TH SESSION OF THE CODEX COMMITTEE ON PESTICIDE RESIDUES (REP12/PR)

The report of the 44th Session of the Codex Committee on Pesticide Residues will be considered by the 35th Session of the Codex Alimentarius Commission (Rome, Italy, 2 – 7 July 2012).

PART A: MATTERS FOR ADOPTION BY THE 35TH SESSION OF THE CODEX ALIMENTARIUS COMMISSION:

1. **Draft Maximum Residue Limits for Pesticides at Step 8** (paras. 28 - 85 and Appendix II);

2. **Draft Revision to the Codex Classification of Food and Animal Feed (fruit commodity groups) at Step 8** (para. 107 and Appendix VIII);

3. **Draft Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups (including Table 1: Examples of the selection of representative commodities - fruit commodity groups) at Step 8** (para. 127 and Appendix XI); and

4. **Proposed Draft Maximum Residue Limits for Pesticides at Step 5/8 (with omission of Steps 6/7)** (paras. 28 - 85 and Appendix III).

Governments and international organizations wishing to submit comments on the above draft and proposed draft MRLs, should do so in writing, in conformity with the Procedures for the Elaboration of Codex Standards and Related Texts (Part 3 – Uniform Procedure for the Elaboration of Codex Standards and Related Texts, Procedural Manual of the Codex Alimentarius Commission), **preferably by email**, to the above address **before 15 June 2012**.

5. **Proposed Draft Maximum Residue Limits for Pesticides at Step 5** (paras. 28 – 85 and Appendix IV); and

6. **Proposed Draft Revision to the Codex Classification of Food and Animal Feed at Step 5 – selected vegetable commodity groups** (para. 117 and Appendix IX).

Governments and international organizations wishing to submit comments on the above matters, should do so in writing, in conformity with the Procedures for the Elaboration of Codex Standards and Related Texts (Part 3 – Uniform Procedure for the Elaboration of Codex Standards and Related Texts, Procedural Manual of the Codex Alimentarius Commission), **preferably by email**, to the above address **before 15 June 2012**.

PART B: OTHER MATTERS FOR ACTION BY THE 35TH SESSION OF THE CODEX ALIMENTARIUS COMMISSION

7. **Codex Maximum Residue Limits for Pesticides recommended for Revocation** (paras. 28 - 85 and Appendix V); and

8. **Analysis of Pesticides Residues: Recommended Methods (CODEX STAN 229-1993)** (para. 183).

Governments and international organizations wishing to submit comments on the proposed revocations on Codex MRLs and other related texts should do so in writing, **preferably by email**, to the above address **before 15 June 2012**.

PART C: REQUEST FOR COMMENTS AND INFORMATION ON:

9. Proposed draft Table 2: Examples of the selection of representative commodities - selected vegetable commodity groups - *Brassica (cole or cabbage) vegetables, Head cabbages and Flowerhead cabbages; Leafy vegetables (including brassica leafy vegetables); and Stalk and stem vegetables* (Draft Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups) (para. 128 and Appendix XII)

Governments and international organizations wishing to submit comments on the proposed revocations on Codex MRLs and other related texts should do so in writing, **preferably by email**, to the above address **before 15 August 2012**.

10. Matters related to the 2012 JMPR including Concern Forms (paras. 28 - 85)

Those countries and observers specified under individual compounds concerning matters related to the 2012 JMPR (e.g. GAP, residue evaluation, intake assessment, etc.) on specific pesticide/commodity(ies) to be considered by 2012 JMPR, including submission of concern forms together with necessary data, are invited to send information or data to: **1)** Ms Yong Zhen YANG, Agricultural Officer and JMPR Secretary, Viale delle Terme di Caracalla, Rome 00153, Italy, Fax:+39 06 57053224, E-mail: YoungZhen.Yang@fao.org; **2)** Dr Philippe VERGER, WHO JMPR Secretary, Appia Avenue 20, 1211 Geneva 27, Switzerland, Fax: +41 22 791 4807, E-mail: vergerp@who.int; **3)** Dr Xiongwu QIAO, Shanxi Academy of Agricultural Sciences, 2 Changfeng Street, Taiyuan, Shanxi Province, 030006, P.R. China, Fax: +86 351 7126215, E-mail: ccpr_qiao@agri.gov.cn, ccpr@agri.gov.cn; and **4)** Secretariat, Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme, Viale delle Terme di Caracalla, 00153 Rome, Italy, Fax: +39 06 57054593; E-mail: codex@fao.org) **before 15 June 2012.**

Those countries and observers specified under individual compounds in REP12/PR, Appendix XIII concerning matters related to the future JMPR meetings (GAPs, residue evaluation, intake assessment, etc.) on specific pesticide/commodity(ies) to be considered at subsequent years by JMPR, are invited to send information or data **one year before** JMPR considers these compounds at the addresses indicated above.

APPENDIX II

DRAFT MAXIMUM RESIDUE LIMITS FOR PESTICIDES

(At Step 8)

	Commodity		MRL (mg/kg)	Step	Note
189	**Tebuconazole**				
	VL 0482	Lettuce, head	5	8	
238	**Clothianidin**				
	FI 0327	Banana	0.02	8	
	DF 0269	Dried grapes (= currants, raisins and sultanas)	1	8	
	MO 0105	Edible offal (mammalian)	0.02 (*)	8	Except liver
	PE 0112	Eggs	0.01 (*)	8	
	FB 0269	Grapes	0.7	8	
	MF 0100	Mammalian fats (except milk fats)	0.02 (*)	8	
	MM 0095	Meat (from mammals other than marine mammals)	0.02 (*)	8	
	ML 0106	Milks	0.02	8	
	FP 0009	Pome fruits	0.4	8	
	PF 0111	Poultry fats	0.01 (*)	8	
	PM 0110	Poultry meat	0.01 (*)	8	
	GC 0649	Rice	0.5	8	
	GC 0651	Sorghum	0.01 (*)	8	
	AS 0651	Sorghum straw and fodder, dry	0.01 (*)	8	
	VS 0078	Stalk and stem vegetables	0.04	8	Except artichoke and celery
	GS 0659	Sugar cane	0.4	8	
	VO 0447	Sweet corn (corn-on-the-cob)	0.01 (*)	8	

Recommended MRLs for Spices

(At Step 8)

	Commodity		MRL (mg/kg)	Step	Note
55	**Omethoate***				
	HS 0191	Fruit or berry	0.01	8	Residues of omethoate resulting from the use of dimethoate
	HS 0193	Root or rhizome	0.05	8	Residues of omethoate resulting from the use of dimethoate

* **Note**: Omethoate was withdrawn from the Codex list by the 36th Session of the CCPR (ALINORM 04/27/24, para. 95 and Appendix V) and consequently recommended for revocation by the Commission. The 27th Session of the Codex Alimentarius Commission revoked the compound and associated proposed MRLs from the Codex List (ALINORM 04/27/41, Appendix V).

APPENDIX III

PROPOSED DRAFT MAXIMUM RESIDUE LIMITS FOR PESTICIDES

(At Step 5/8 with omission of Steps 6/7)

	Commodity		MRL (mg/kg)		Step	Note
95	**Acephate**					
	CM 0649	Rice, husked	1		5/8	
	AS 0649	Rice straw and fodder, dry	0.3		5/8	
100	**Methamidophos**					
	CM 0649	Rice, husked	0.6		5/8	
	AS 0649	Rice straw and fodder, dry	0.1		5/8	
118	**Cypermethrins (including alpha- and zeta- cypermethrin)**					
	VS 0621	Asparagus	0.4		5/8	
	FC 0001	Citrus fruits	0.3		5/8	except shaddocks or pomelos
	PE 0112	Eggs	0.01 (*)		5/8	
	PO 0111	Poultry, edible offal of	0.05 (*)		5/8	
	PF 0111	Poultry fats	0.1		5/8	
	PM 0110	Poultry meat	0.1	(fat)	5/8	
	FC 0005	Shaddocks or pomelos	0.5		5/8	
	DT 1114	Tea, green, black (black, fermented and dried)	15		5/8	
	TN 0085	Tree nuts	0.05 (*)		5/8	
158	**Glyphosate**					
	VD 0533	Lentil (dry)	5		5/8	
	VR 0596	Sugar beet	15		5/8	
	VO 0447	Sweet corn (corn-on-the-cob)	3		5/8	
171	**Profenofos**					
	VO 0444	Peppers Chili	3		5/8	
	HS 0444	Peppers Chili, dried	20		5/8	
176	**Hexythiazox**					
	DH 1100	Hops, Dry	3		5/8	
	DT 1114	Tea, green, black (black, fermented and dried)	15		5/8	
184	**Etofenprox**					
	FP 0226	Apple	0.6		5/8	
	VD 0071	Beans (dry)	0.05		5/8	
	DF 0269	Dried grapes (= currants, raisins and sultanas)	8		5/8	
	MO 0105	Edible offal (mammalian)	0.05		5/8	

	Commodity		MRL (mg/kg)		Step	Note
	PE 0112	Eggs	0.01 (*)		5/8	
	GC 0645	Maize	0.05 (*)		5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.5	(fat)	5/8	
	ML 0106	Milks	0.02		5/8	
	FS 0245	Nectarine	0.6		5/8	
	FS 0247	Peach	0.6		5/8	
	FP 0230	Pear	0.6		5/8	
	PO 0111	Poultry, edible offal of	0.01 (*)		5/8	
	PM 0110	Poultry meat	0.01 (*)		5/8	
	SO 0495	Rape seed	0.01 (*)		5/8	
	GC 0649	Rice	0.01 (*)		5/8	
	AS 0649	Rice straw and fodder, dry	0.05		5/8	
189	**Tebuconazole**					
	FP 0226	Apple	1		5/8	
	FS 0240	Apricot	2		5/8	
	VS 0620	Artichoke, globe	0.6		5/8	
	FI 0327	Banana	0.05		5/8	
	GC 0640	Barley	2		5/8	
	AS 0640	Barley straw and fodder, dry	40		5/8	
	VD 0071	Beans (dry)	0.3		5/8	
	VB 0400	Broccoli	0.2		5/8	
	VB 0402	Brussels sprouts	0.3		5/8	
	VB 0041	Cabbages, head	1		5/8	
	VR 0577	Carrot	0.4		5/8	
	VB 0404	Cauliflower	0.05 (*)		5/8	
	FS 0013	Cherries	4		5/8	
	SB 0716	Coffee beans	0.1		5/8	
	SO 0691	Cotton seed	2		5/8	
	VC 0424	Cucumber	0.15		5/8	
	DF 0269	Dried grapes (= currants, raisins and sultanas)	7		5/8	
	MO 0105	Edible offal (mammalian)	0.2		5/8	
	VO 0440	Egg plant	0.1		5/8	
	PE 0112	Eggs	0.05 (*)		5/8	
	FB 0267	Elderberries	1.5		5/8	
	VA 0381	Garlic	0.1		5/8	

Commodity		MRL (mg/kg)	Step	Note
FB 0269	Grapes	6	5/8	
DH 1100	Hops, dry	40	5/8	
VA 0384	Leek	0.7	5/8	
FI 0345	Mango	0.05	5/8	
MM 0095	Meat (from mammals other than marine mammals)	0.05 (*)	5/8	
VC 0046	Melons, except watermelon	0.15	5/8	
ML 0106	Milks	0.01 (*)	5/8	
FS 0245	Nectarine	2	5/8	
GC 0647	Oats	2	5/8	
FT 0305	Olives	0.05 (*)	5/8	
VA 0385	Onion, bulb	0.1	5/8	
FI 0350	Papaya	2	5/8	
FI 0351	Passion fruit	0.1	5/8	
FS 0247	Peach	2	5/8	
SO 0697	Peanut	0.15	5/8	
AL 0697	Peanut fodder	40	5/8	
FP 0230	Pear	1	5/8	
HS 0444	Peppers chili, dried	10	5/8	
VO 0445	Peppers, sweet (including pimento or pimiento)	1	5/8	
FS 0014	Plums (including prunes)	1	5/8	except prunes
PO 0111	Poultry, edible offal of	0.05 (*)	5/8	
PM 0110	Poultry meat	0.05 (*)	5/8	
DF 0014	Prunes	3	5/8	
SO 0495	Rape seed	0.3	5/8	
GC 0649	Rice	1.5	5/8	
GC 0650	Rye	0.15	5/8	
AS 0650	Rye straw and fodder, dry	40	5/8	
VD 0541	Soya bean (dry)	0.15	5/8	
VC 0431	Squash, summer	0.2	5/8	
VO 0447	Sweet corn (corn-on-the-cob)	0.6	5/8	
VO 0448	Tomato	0.7	5/8	
TN 0085	Tree nuts	0.05 (*)	5/8	
GC 0653	Triticale	0.15	5/8	
GC 0654	Wheat	0.15	5/8	
AS 0654	Wheat straw and fodder, dry	40	5/8	

	Commodity		MRL (mg/kg)	Step	Note
203	**Spinosad**				
	FB 0264	Blackberries	1	5/8	
	FB 0020	Blueberries	0.4	5/8	
	FB 0265	Cranberry	0.02	5/8	
	FB 0266	Dewberries (including boysenberry and loganberry)	1	5/8	
	VA 0385	Onion, bulb	0.1	5/8	
	FI 0351	Passion fruit	0.7	5/8	
	FB 0272	Raspberries, red, black	1	5/8	
	VA 0389	Spring onion	4	5/8	
	TN 0085	Tree nuts	0.07	5/8	
210	**Pyraclostrobin**				
	AL 1020	Alfalfa fodder	30	5/8	
	VS 0620	Artichoke, globe	2	5/8	
	GC 0640	Barley	1	5/8	
	FB 0264	Blackberries	3	5/8	
	FB 0020	Blueberries	4	5/8	
	FS 0013	Cherries	3	5/8	
	FC 0001	Citrus fruits	2	5/8	
	VC 0045	Fruiting vegetables, cucurbits	0.5	5/8	
	VA 0381	Garlic	0.15	5/8	
	FS 0245	Nectarine	0.3	5/8	
	GC 0647	Oats	1	5/8	
	SO 0089	Oilseed, except peanut	0.4	5/8	
	VA 0385	Onion, bulb	1.5	5/8	
	OR 0004	Orange oil, edible	10	5/8	
	FI 0350	Papaya	0.15	5/8	
	FS 0247	Peach	0.3	5/8	
	FS 0014	Plums (including prunes)	0.8	5/8	
	FB 0272	Raspberries, red, black	3	5/8	
	GC 0650	Rye	0.2	5/8	
	GC 0651	Sorghum	0.5	5/8	
	VA 0389	Spring onion	1.5	5/8	
	FB 0275	Strawberry	1.5	5/8	
	TN 0085	Tree nuts	0.02 (*)	5/8	except pistachio nuts
	GC 0653	Triticale	0.2	5/8	

	Commodity		MRL (mg/kg)	Step	Note
229	**Azoxystrobin**				
	SB 0716	Coffee beans	0.02	5/8	
	VR 0604	Ginseng	0.1	5/8	
	DV 0604	Ginseng, dried including red ginseng	0.5	5/8	
	Commodity		MRL (mg/kg)	Step	Note
234	**Spirotetramat**				
	SO 0691	Cotton seed	0.4	5/8	
	AB 1203	Cotton seed, meal	1	5/8	
	MO 0105	Edible offal (mammalian)	1	5/8	
	PE 0112	Eggs	0.01	5/8	
	FI 0341	Kiwifruit	0.02 (*)	5/8	
	AL 0157	Legume animal feeds	30	5/8	
	VP 0060	Legume vegetables	1.5	5/8	
	FI 0343	Litchi	15	5/8	
	FI 0345	Mango	0.3	5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.05	5/8	
	VA 0385	Onion, bulb	0.4	5/8	
	FI 0350	Papaya	0.4	5/8	
	PO 0111	Poultry, edible offal of	0.01	5/8	
	PM 0110	Poultry meat	0.01 (*)	5/8	
	VD 0070	Pulses	2	5/8	except soya bean (dry)
	VD 0541	Soya bean (dry)	4	5/8	
238	**Clothianidin**				
	JF 0269	Grape juice	0.2	5/8	
241	**Etoxazole**				
	FP 0009	Pome fruits	0.07	5/8	
246	**Acetamiprid**				
	VP 0061	Beans, except broad bean and soya bean	0.4	5/8	
	VP 0062	Beans, shelled	0.3	5/8	
	FB 0018	Berries and other small fruits	2	5/8	except grapes and strawberries
	VB 0041	Cabbages, head	0.7	5/8	
	VS 0624	Celery	1.5	5/8	
	FS 0013	Cherries	1.5	5/8	
	FC 0001	Citrus fruits	1	5/8	
	SO 0691	Cotton seed	0.7	5/8	

	Commodity		MRL (mg/kg)	Step	Note
	MO 0105	Edible offal (mammalian)	0.05	5/8	
	PE 0112	Eggs	0.01 (*)	5/8	
	VB 0042	Flowerhead brassicas (includes broccoli: broccoli, Chinese and cauliflower)	0.4	5/8	
	VO 0050	Fruiting vegetables other than cucurbits	0.2	5/8	except sweet corn & mushrooms
	VC 0045	Fruiting vegetables, cucurbits	0.2	5/8	
	VA 0381	Garlic	0.02	5/8	
	FB 0269	Grapes	0.5	5/8	
	MF 0100	Mammalian fats (except milk fats)	0.02	5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.02	5/8	
	ML 0106	Milks	0.02	5/8	
	FS 0245	Nectarine	0.7	5/8	
	VA 0385	Onion, bulb	0.02	5/8	
	FS 0247	Peach	0.7	5/8	
	VP 0064	Peas, shelled (succulent seeds)	0.3	5/8	
	HS 0444	Peppers chili, dried	2	5/8	
	FS 0014	Plums (including prunes)	0.2	5/8	except prunes
	FP 0009	Pome fruits	0.8	5/8	
	PO 0111	Poultry, edible offal of	0.05 (*)	5/8	
	PM 0110	Poultry meat	0.01 (*)	5/8	
	DF 0014	Prunes	0.6	5/8	
	VA 0389	Spring onion	5	5/8	
	FB 0275	Strawberry	0.5	5/8	
	TN 0085	Tree nuts	0.06	5/8	
247	**Emamectin benzoate**				
	VP 0061	Beans, except broad bean and soya bean	0.015	5/8	
	VL 0510	Cos lettuce	1	5/8	
	SO 0691	Cotton seed	0.002 (*)	5/8	
	MO 0105	Edible offal (mammalian)	0.08	5/8	
	VO 0050	Fruiting vegetables other than cucurbits	0.02	5/8	except sweet corn and mushrooms
	VC 0045	Fruiting vegetables, cucurbits	0.007	5/8	
	FB 0269	Grapes	0.03	5/8	
	VL 0482	Lettuce, head	1	5/8	
	VL 0483	Lettuce, leaf	1	5/8	

	Commodity		MRL (mg/kg)	Step	Note
	MF 0100	Mammalian fats (except milk fats)	0.02	5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.004	5/8	
	ML 0106	Milks	0.002	5/8	
	VL 0485	Mustard greens	0.2	5/8	
	FS 0245	Nectarine	0.03	5/8	
	FS 0247	Peach	0.03	5/8	
	HS 0444	Peppers chili, dried	0.2	5/8	
	FP 0009	Pome fruits	0.02	5/8	
248	**Flutriafol**				
	FI 0327	Banana	0.3	5/8	
	SB 0716	Coffee beans	0.15	5/8	
	SO 0697	Peanut	0.15	5/8	
	AL 0697	Peanut fodder	20	5/8	
	HS 0444	Peppers Chili, dried	10	5/8	
	VO 0445	Peppers, sweet (including pimento or pimiento)	1	5/8	
	FP 0009	Pome fruits	0.3	5/8	
	VD 0541	Soya bean (dry)	0.4	5/8	
	GC 0654	Wheat	0.15	5/8	
	CM 0654	Wheat bran, unprocessed	0.3	5/8	
	AS 0654	Wheat straw and fodder, dry	8	5/8	
249	**Isopyrazam**				
	FI 0327	Banana	0.06	5/8	
	GC 0640	Barley	0.07	5/8	
	AS 0640	Barley straw and fodder, dry	3	5/8	
	MO 0105	Edible offal (mammalian)	0.02	5/8	
	PE 0112	Eggs	0.01 (*)	5/8	
	MF 0100	Mammalian fats (except milk fats)	0.01 (*)	5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.01 (*)	5/8	
	ML 0106	Milks	0.01 (*)	5/8	
	FM 0183	Milk fats	0.02	5/8	
	PO 0111	Poultry, edible offal of	0.01 (*)	5/8	
	PF 0111	Poultry fats	0.01 (*)	5/8	
	PM 0110	Poultry meat	0.01 (*)	5/8	
	GC 0650	Rye	0.03	5/8	
	AS 0650	Rye straw and fodder, dry	3	5/8	

	Commodity		MRL (mg/kg)	Step	Note
	GC 0653	Triticale	0.03	5/8	
	AS 0653	Triticale straw and fodder, dry	3	5/8	
	GC 0654	Wheat	0.03	5/8	
	CM 0654	Wheat bran, unprocessed	0.15	5/8	
	AS 0654	Wheat straw and fodder, dry	3	5/8	
251	**Saflufenacil**				
	FI 0327	Banana	0.01	5/8	
	AS 0640	Barley straw and fodder, dry	0.05	5/8	
	VD 0071	Beans (dry)	0.3	5/8	
	GC 0080	Cereal grains	0.01	5/8	
	FC 0001	Citrus fruits	0.01	5/8	
	SB 0716	Coffee beans	0.01	5/8	
	SO 0691	Cotton seed	0.2	5/8	
	MO 0105	Edible offal (mammalian)	0.3	5/8	
	FB 0269	Grapes	0.01	5/8	
	AS 0645	Maize fodder (dry)	0.05	5/8	
	MF 0100	Mammalian fats (except milk fats)	0.01	5/8	
	MM 0095	Meat (from mammals other than marine mammals)	0.01	5/8	
	ML 0106	Milks	0.01	5/8	
	VD 0072	Peas (dry)	0.05	5/8	
	VP 0063	Peas (pods and succulent = immature seeds)	0.01	5/8	
	VP 0064	Peas, shelled (succulent seeds)	0.01	5/8	
	FP 0009	Pome fruits	0.01	5/8	
	SO 0495	Rape seed	0.6	5/8	
	AS 0651	Sorghum straw and fodder, dry	0.05	5/8	
	VD 0541	Soya bean (dry)	0.07	5/8	
	VP 0541	Soya bean (immature seeds)	0.01	5/8	
	FS 0012	Stone fruits	0.01	5/8	
	SO 0702	Sunflower seed	0.7	5/8	
	GC 0447	Sweet corn	0.01	5/8	
	TN 0085	Tree nuts	0.01	5/8	
	AS 0654	Wheat straw and fodder, dry	0.05	5/8	

APPENDIX IV

PROPOSED DRAFT MAXIMUM RESIDUE LIMITS FOR PESTICIDES

(At Step 5)

	Commodity		MRL (mg/kg)	Step	Note
130	**Diflubenzuron**				
	GC 0640	Barley	0.05 (*)	5	
	AS 0162	Hay or fodder (dry) of grasses	3	5	
	VL 0485	Mustard greens	10	5	
	FS 0245	Nectarine	0.5	5	
	GC 0647	Oats	0.05 (*)	5	
	FS 0247	Peach	0.5	5	
	SO 0697	Peanut	0.1	5	
	AL 0697	Peanut fodder	40	5	
	VO 0444	Peppers chili	3	5	
	HS 0444	Peppers chili, dried	20	5	
	VO 0445	Peppers, sweet (including pimento or pimiento)	0.7	5	
	FS 0014	Plums (including prunes)	0.5	5	
	AS 0081	Straw and fodder (dry) of cereal grains	1.5	5	
	TN 0085	Tree nuts	0.2	5	
	GC 0653	Triticale	0.05 (*)	5	
	GC 0654	Wheat	0.05 (*)	5	
176	**Hexythiazox**				
	FB 0275	Strawberry	6	5	
184	**Etofenprox**				
	FB 0269	Grapes	4	5	
234	**Spirotetramat**				
	ML 0106	Milks	0.01	5	
240	**Dicamba**				
	VD 0541	Soya bean (dry)	5	5	
246	**Acetamiprid**				
	VL 0053	Leafy vegetables	3	5	except spinach
248	**Flutriafol**				
	DF 0269	Dried grapes (= currants, raisins and sultanas)	2	5	
	FB 0269	Grapes	0.8	5	

APPENDIX V

CODEX MAXIMUM RESIDUE LIMITS FOR PESTICIDES RECOMMENDED FOR REVOCATION

	Commodity		MRL (mg/kg)			Step	Note
118	**Cypermethrins (including alpha- and zeta- cypermethrin)**						
	FC 0001	Citrus fruits	2			CXL-D	
	PE 0112	Eggs	0.01	(*)		CXL-D	
	PO 0111	Poultry, edible offal of	0.05	(*)		CXL-D	
	PM 0110	Poultry meat	0.1		(fat)	CXL-D	
	DT 1114	Tea, green, black (black, fermented and dried)	20			CXL-D	
171	**Profenofos**						
	VO 0444	Peppers chili	5			CXL-D	
	HS 0444	Peppers chili, dried	50			CXL-D	
176	**Hexythiazox**						
	DH 1100	Hops, dry	2			CXL-D	
184	**Etofenprox**						
	FP 0009	Pome fruits	1			CXL-D	
	VR 0589	Potato	0.01	(*)		CXL-D	
189	**Tebuconazole**						
	FI 0327	Banana	0.05			CXL-D	
	GC 0640	Barley	0.2			CXL-D	
	AS 0640	Barley straw and fodder, dry	10			CXL-D	
	MO 0812	Cattle, edible offal of	0.05	(*)		CXL-D	
	FS 0013	Cherries	5			CXL-D	
	SB 0716	Coffee beans	0.1			CXL-D	
	SM 0716	Coffee beans, roasted	0.5			CXL-D	
	VC 0424	Cucumber	0.2			CXL-D	
	DF 0269	Dried grapes (= currants, raisins and sultanas)	3			CXL-D	
	PE 0112	Eggs	0.05	(*)		CXL-D	
	FB 0269	Grapes	2			CXL-D	
	DH 1100	Hops, Dry	30			CXL-D	
	MM 0095	Meat (from mammals other than marine mammals)	0.05	(*)		CXL-D	
	ML 0106	Milks	0.01	(*)		CXL-D	
	GC 0647	Oats	0.05	(*)		CXL-D	
	FS 0247	Peach	1			CXL-D	
	SO 0697	Peanut	0.05			CXL-D	

	Commodity		MRL (mg/kg)		Step	Note
	AL 0697	Peanut fodder	30		CXL-D	
	HS 0444	Peppers chili, dried	5		CXL-D	
	VO 0445	Peppers, sweet (including pimento or pimiento)	0.5		CXL-D	
	PO 0111	Poultry, edible offal of	0.05	(*)	CXL-D	
	PM 0110	Poultry meat	0.05	(*)	CXL-D	
	SO 0495	Rape seed	0.5		CXL-D	
	GC 0650	Rye	0.05	(*)	CXL-D	
	AS 0650	Rye straw and fodder, dry	5		CXL-D	
	VC 0431	Squash, summer	0.02		CXL-D	
	VO 0448	Tomato	0.2		CXL-D	
	GC 0654	Wheat	0.05		CXL-D	
	AS 0654	Wheat straw and fodder, dry	10		CXL-D	
203	**Spinosad**					
	TN 0660	Almonds	0.01	(*)	CXL-D	
	AM 0660	Almond hulls	2		CXL-D	
210	**Pyraclostrobin**					
	TN 0660	Almonds	0.02	(*)	CXL-D	
	AM 0660	Almond hulls	2		CXL-D	
	GC 0640	Barley	0.5		CXL-D	
	FB 0020	Blueberries	1		CXL-D	
	FC 0001	Citrus fruits	1		CXL-D	
	VC 0424	Cucumber	0.5		CXL-D	
	VA 0381	Garlic	0.05	(*)	CXL-D	
	GC 0647	Oats	0.5		CXL-D	
	VA 0385	Onion, bulb	0.2		CXL-D	
	FI 0350	Papaya	0.05	(*)	CXL-D	
	TN 0672	Pecan	0.02	(*)	CXL-D	
	FB 0272	Raspberries, red, black	2		CXL-D	
	VC 0431	Squash, summer	0.3		CXL-D	
	FS 0012	Stone fruits	1		CXL-D	
	FB 0275	Strawberry	0.5		CXL-D	
	SO 0702	Sunflower seed	0.3		CXL-D	
234	**Spirotetramat**					
	MO 0105	Edible offal (mammalian)	0.03		CXL-D	
	MM 0095	Meat (from mammals other than marine mammals)	0.01	(*)	CXL-D	

APPENDIX VIII

DRAFT REVISION OF THE CODEX CLASSIFICATION OF FOOD AND FEED:
FUIT COMMODITY GROUPS

(At Step 8)

Citrus fruit

Class A

Type 1 Fruits Group 001 Group Letter Code FC

Citrus fruits are produced on trees or shrubs of the family Rutaceae. Aromatic oily peel, globular form and interior segments of juice-filled vesicles characterize these fruits. The fruit is fully exposed to pesticides during the growing season. Post-harvest treatments with pesticides and liquid waxes are often carried out to avoid deterioration during transport and distribution due to fungal diseases, insect pests or loss of moisture.

The fruit pulp may be consumed in succulent form and as juice. The entire fruit may be used for preserves.

Four subgroups are defined:

Group 001A Lemons and Limes: Hybrids and related species similar to lemons and limes

Group 001B Mandarins: Hybrids and related species similar to mandarins

Group 001C Oranges, Sweet, Sour: Hybrids and related species similar to oranges

Group 001D Pummelos: Hybrids and related species

Portion of the commodity to which the MRL applies (and which is analyzed): **Whole commodity.**

Group 001 Citrus fruits

Code No.	**Commodity**
FC 0001	**Citrus Fruit** (includes all commodities in this group)

Subgroup 001A Lemons and Limes

Code No.	**Commodity**
FC 0002	**Lemons and Limes** (including Citron) - *Citrus limon* Burm.f.; - *Citrus aurantiifolia* Swingle; - *Citrus medica* L.; Hybrids and related species similar to lemons and limes including *Citrus jambhiri* Lush *Citrus limetta* Risso; *Citrus limettoides* Tan.; *Citrus limonia* Osbeck. Syn: see specific fruit species (includes all commodities in this subgroup)
FC 2201	**Australian blood lime**, see also Lemons and Limes, FC 0002 *Microcitrus australasica* (F. Muell.) Swingle Syn: *Citrus australasica* F. Muell.
FC 2202	**Australian desert lime**, see also Lemons and Limes, FC 0002 *Eremocitrus glauca* (Linl.) Swingle Syn: *Citrus glauca* (Lindl) Burkill
FC 2203	**Australian round lime**, see also Lemons and Limes, FC 0002 *Microcitrus australis* (A. Cunn. ex Mudie) Swingle Syn: *Citrus australis* (A. Cunn. ex Mudie*) Planch.*

FC 2204 **Brown River finger-lime**, see also Lemons and Limes, FC 0002

Microcitrus papuana Winters

Citrus wintersii Mabb.

FC 0202 **Citron**, see also Lemons and Limes, FC 0002

Citrus medica L.;

Syn: *Citrus cedra* Link; *Citrus cedratus* Raf.;

Citrus medica genuina Engl.; *Citrus medica* proper Bonavia

FC 2206 **Kaffir lime,** see also Lemons and Limes, FC 0002

Citrus histrix DC.

FC 0303 **Kumquats**

Fortunella japonica (Thunberg) Swingle;

F. margarita (Loureiro) Swingle

- **Kumquat, Marumi**, see Kumquats, FC 0303

Fortunella japonica (Thunberg) Swingle

- **Kumquat, Nagami**, see Kumquats, FC 0303

Fortunella margarita (Loureiro) Swingle

FC 0204 **Lemon**, see also Lemons and Limes, FC 0002

Citrus limon Burm. f.;

Syn: *Citrus medica limon* L.; *Citrus limonum* Risso; *Citrus medica limonum* Hook. F.; *Citrus jambhiri* Lush.

FC 0205 **Lime**, see Codex stan. 217-1999, Amd. 1-2005, see also Lemons and Limes, FC 0002

Citrus aurantiifolia Swingle;

Syn: *Limonia aurantiifolia* Christm.; *L. acidissima* Houtt. *Citrus lima* Lunan.; *Citrus acida* Roxb.; *Citrus limonellus* Hassk.

FC 2205 **Lime, Sweet**, see also Lemons and Limes, FC 0002

Citrus limetta Risso

Syn: *Citrus limettioides* Tan., *Citrus lumia* Risso)

FC 2207 **Limequats**

Citrus japonica x *Citrus aurantiifolia*

- Mexican **Lime**, see Codex stan. 217-1999, see Lime, FC 0205

Citrus aurantifolia Swingle see, Amd. 1-2005

FC 2208 **Mount White-lime**, see also Lemons and Limes, FC 0002

Microcitrus garrowayae (F. M. Bailey) Swingle

FC 2209 **New Guinea wild lime**, see also Lemons and Limes, FC 0002

Microcitrus warburgiana (F. M. Bailey) Tanaka

FC 2210 **Russell River-lime**, see also Lemons and Limes, FC 0002

Microcitrus inodora (F. M. Bailey) Swingle

Syn: *Citrus inodora (*F. M. Bailey)

FC 2211 **Tahiti Lime**, see Codex stan. 213-1999, Amd. 3-2005,

see also Lemons and Limes, FC 0002

Citrus latifolia Tan.

- **Yuja**, see Yuzu, FC 2212

FC 2212 **Yuzu**, see also Lemons and Limes, FC 0002

Citrus junos Siebold ex Tanaka

Subgroup 001B Mandarins

Code No. Commodity

FC 0003 **Mandarins** (including Mandarin-like hybrids)

- *Citrus reticulata* Blanco:

Hybrids and related species including *Citrus nobilis* Lour.:

Citrus deliciosa Ten.; *Citrus tangarina* Hort.; *Citrus mitis* Blanco

Syn: *Citrus madurensis* Lour.; *Citrus unshiu* Marcow;

Syn: see specific fruit species Mandarin

(includes all commodities in this subgroup)

FC 0201 **Calamondin**, see also Mandarins, FC 0003

Citrus mitis Blanco;

Syn: *Citrus madurensis* Lour. (hybrid of *Citrus reticulata* Blanco.

var. *austera* Swing x *Fortunella* sp.)

- **Clementine**, see Mandarins, FC 0003

Citrus clementina Hort. Ex Tanaka cultivar of *Citrus reticulata Blanco* (possibly natural hybrid of Manderin x Orange, Sweet)

- **Cleopatra mandarin**, see Mandarins, FC 0003

Citrus reshni Hort. Ex Tan.

- **Dancy** or **Dancy mandarin**, see Mandarins, FC 0003

Citrus tangerina Hort.

- **King mandarin**, see Mandarins, FC 0003

Citrus nobilis Lour. (= hybrid of Mandarin x Orange, Sweet)

FC 0206 **Mandarin**, see also see Mandarins, FC 0003

Citrus reticulata Blanco;

Syn: *Citrus nobilis* Andrews (non Lour.); *Citrus poonensis* Hort. Ex Tanaka; *Citrus chrysocarpa* Lush.

- **Mediterranean mandarin**, see Mandarins, FC 0003

Citrus deliciosa Ten (= hybrid of Mandarin x Orange, Sweet)

- **Satsuma** or **Satsuma mandarin**, see Mandarins, FC 0003

Citrus unshiu Marcow.

- **Tangelo**, small and medium sized cultivars, see Mandarins, FC 0003

Hybrids of Mandarin x Grapefruit or Mandarin x Shaddock

- **Tangerine**, see Mandarins, FC 0003

Citrus reticulata Blanco;

Syn: *Citrus tangarina* Hort. Ex Tan. *Citrus ponnensis* Hort., *Citrus Chyrosocarpa* Lush., *Citrus Reshni* Hort.

- **Tangors**, see Mandarins, FC 0003

Citrus nobilis Lour. (= Hybrid of Mandarin x Orange, sweet) ;

- **Tankan mandarin**, see Mandarins, FC 0003

Citrus reticulate Blanco *tankan* Hyata (= probably hybrid of Mandarin x Orange, Sweet)

FC 2212 **Unshu orange,** see also Mandarins, FC 0003

Citrus reticulata Blanco ssp*. unshiu (*Marcow*.)* D.Rivera Núñez et al.

- **Willowleaf mandarin**, see Mandarins, FC 0003

Citrus deliciosa Ten. (= hybrid of Mandarin and Orange, sweet)

Subgroup 001C Oranges, **Sweet**, **Sour**

Code No. Com modity

FC 0004 **Oranges**, **Sweet**, **Sour** (including Orange-like hybrids)

several cultivars:

- *Citrus sinensis* Osbeck;

- *Citrus aurantium* L.;

Hybrids and related species:

Citrus myrtifolia Raf.; *Citrus salicifolia* Raf.;

Syn: see specific fruit species

(includes all commodities in this subgroup)

- **Bergamot**, see Oranges, Sweet, Sour, FC 0004

Citrus aurantium ssp *bergamia*

- **Bigarade**, see Orange, Sour FC 0207

Citrus aurantium L.

- **Blood orange**, see Orange, Sweet, FC 0208

Cultivar of *Citrus sinensis* Osbeck

- **Chinotto**, see Orange, Sour, FC 0207

Citrus aurantium L., var. *myrtifolia* Ker-Gawler;

Syn: *Citrus myrtifolia* Raf.

- **Chironja** (**orangelo**), see Oranges, Sweet, Sour, FC 0004

Citrus sinensis x *Citrus paradise* (= Hybrid of Orange, Sweet x Mandarin)

Ichang Bitter Orange, see Orange, Sweet, FC 0208

Citrus ichangensis Swingle

- **Malta orange**, see Blood Orange

- **Myrtle-leaf orange**, see Chinotto

- **Orange**, **Bitter**, (=bigarade) see Orange, Sour FC 0207

FC 0207 **Orange, Sour**, see also Oranges, Sweet, Sour, FC 0004

Citrus aurantium L.;

Syn: *Citrus vulgaris* Risso; *Citrus bigarradia* Loisel; *Citrus communis* Le Maout & Dec.

FC 0208 **Orange, Sweet**, See Codex stan. 245-2004 Amd 1-2005, see also Oranges, Sweet, Sour, FC 0004

Citrus sinensis Osbeck;

Syn: *Citrus aurantium sinensis* L.; *Citrus dulcis* Pers.; *Citrus aurantium vulgare* Risso & Poit.; *Citrus aurantium dulce* Hayne

- **Seville Orange**, see Orange, Sour, FC 0207

- **Tachibana orange** see Oranges, Sweet, Sour, FC 0004

Citrus tachibana (Makino) Tanaka

Syn: *Citrus aurantium* L. var. *tachibana* Makino; *Citrus depressa*

FC 2213 **Trifoliate orange** see also Oranges, Sweet, Sour, FC 0004

Poncirus trifoliate (L.) Raf.

Subgroup 001D Pummelos

Code No. Commodity

FC 0005 **Pummelo and Grapefruits** (including Shaddock-like hybrids, among others Grapefruit)

Citrus maxima (Burm.) Merr.

Syn: *Citrus Grandis* L. Osbeck; *Citrus paradisi* Macf.; *Citrus decumana* L.

Hybrids and related species, similar to Shaddocks, including *Citrus natsudaidai* Hayata; Tangelos large sized (= hybrid, Grapefruit x Mandarin); Tangelolos: (hybrid, Grapefruit x Tangelo): Syn: see specific fruit species

(includes all commodities in this subgroup)

FC 0203 **Grapefruit**, see Codex stan. 219-1999 Amd 2-2005, see also Pummelo and Grapefruits, FC 0005

Hybrid of Shaddock x Orange, Sweet

Citrus paradisi Macf.;

Syn: *Citrus maxima uvacarpa* Merr. & Lee.

- **Natsudaidai**, see Pummelo and Grapefruits, FC 0005

Citrus natsudaidai Hayata (possibly natural hybrid of Mandarin x Shaddock)

- **Pomelo**, see Pummelo and Grapefruits, FC 0005

FC 0209 **Pummelo**, see Codex stan. 214-1999, Amd 2-2005, see Pummelo and Grapefruits, FC 0005

Citrus maxima (Burm.) Merr.

Syn: *Citrus grandis* L. Osbeck; *Citrus aurantium decumana* L.; *Citrus decumana* Murr.

- **Shaddock**, see also Pummelo and Grapefruits, FC 0005

Citrus maxima (Burm.) Merr.;

- **Tangelo**, large-sized cultivars, see Pummelo and Grapefruits, FC 0005

- *Citrus x tangelo* J.W. Ingram & H.E. Moore;

- **Tangelolo**, see Pummelo and Grapefruits, FC 0005

Hybrids of Grapefruit x Tangelo

- **Ugli/Uniq fruit (=tangelo**), see Pummelo and Grapefruits, FC 0005

Cultivar of Tangelo, large sized fruit cultivar, see there

Citrus reticulate x Citrus paradisi

Pome fruits

Class A

Type 1 **Fruits** **Group 002** **Group Letter Code FP**

Pome fruits are produced on trees and shrubs belonging to certain genera of the rose family (Rosaceae), especially the genera Malus, Pyrus and also Pome fruit- like fruits from temperate climates are included. They are characterized by fleshy tissue surrounding a core consisting of parchment-like carpels enclosing the seeds.

Pome fruits are fully exposed to pesticides applied during the growing season. Post-harvest treatments directly after harvest may also occur. The entire fruit, except the core, may be consumed in the succulent form or after processing.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of stems.**

Group 002 ***Pome fruits***

Code No. Commodity

FP 0009 **Pome fruits**

(includes all commodities in this group)

FP 0226 **Apple**

Malus domestica Borkhausen

FP 2220 **Azarole**

Crataegus azarolus L.

FP 2221 **Chinese quince**

Chaenomeles speciosa (sweet) Nakai

FP 0227 **Crab-apple**

Malus spp.; among other *Malus baccata* (L.) Borkh. var *baccata*;

M. prunifolia (Willd.) Borkh.

- **Japanese medlar**, see Loquat, FP 0228

- **Kaki or Kaki fruit**, See Persimmon, japanese, FP 0307

FP 0228 **Loquat**

Eriobotrya japonica (Thunberg ex J.A. Murray) Lindley

FP 2222 **Mayhaw**

Crataegus spp.

FP 0229 **Medlar**

Mespilus germanica L.

- **Nashi pear**, see Pear, Oriental

FP 0230 **Pear**

Pyrus communis L.; *P. pyrifolia* (Burm.) Nakai; *P. bretschneideri* Rhd.; *P. sinensis* L.

- **Pear, Oriental**, see Pear, FP 0230

Pyrus pyrifolia (Burm.) Nakai

- **Persimmon, Chinese**, see Persimmon, Japanese, FP 0307

FP 0307 **Persimmon, Japanese**

Diospyros Kaki Thunb.;

Syn: D. *chinensis* Blume

FP 0231 **Quince**

Cydonia oblonga P. Miller;

Syn: *Cydonia vulgaris* Persoon

- **Sand pear**, see Pear, Oriental

FP 2223 **Tejocote**

Crataegus mexicana DC.

FP2224 **Wild pear**

Pyrus elaeagrifolia Pallas

Stone fruits

Class A

Type 1 **Fruits** **Group 003** **Group Letter Code FS**

Stone fruits are produced on trees belonging to the genus Prunus of the rose family (Rosaceae) and also Stone fruit- like fruits from temperate climates are included. They are characterized by fleshy tissue surrounding a single hard shelled seed. The fruit is fully exposed to pesticides applied during the growing season (from fruit setting until harvest). Dipping of fruit immediately after harvest, especially with fungicides, may also occur.

The entire fruit, except the seed, may be consumed in a succulent or processed form.

Three subgroups are defined:

Group 003 A Cherries: Cherry and related species of *Prunus,* which produce stone fruits similar to cherry

Group 003 B Plums: Plum and related species of *Prunus,* which produce stone fruits similar to plum

Group 003 C Peaches: Peach, nectarine, apricot and related species of *Prunus,* which produce stone fruits similar to peach, nectarine and apricot.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of stems and stones, but the residue is calculated and expressed on the whole commodity without stem.**

Group 003	***Stone fruits***
Code No.	**Commodity**
FS 0012	**Stone fruits**
	Prunus spp. (includes all commodities in this group)
Subgroup 003A	***Cherries* (includes all commodities in this subgroup)**
Code No.	**Commodity**
FS 0013	**Cherries**
-	**Capulin,** see Cherry, black, FS 2230
	Prunus serotina Ehrh. subsp. *capuli*
FS 2230	**Cherry, black** (including capulin)
	Prunus serotina Ehrh. subsp. *Serotina;*
	Prunus serotina Ehrh. subsp. *capuli*
FS 2231	**Cherry, Nanking**
	Prunus tomentosa Thunb.
FS 0243	**Cherry, Sour**
	Prunus cerasus L.
FS 0244	**Cherry, Sweet**
	Prunus avium L.
-	**Cherry, tart**, see Cherry, Sour, FS 0243
FS 2232	**Choke cherry**
	Prunus virginiana L.
-	**Morello,** see Cherry, Sour, FS 0243
	Prunus cerasus L., var. *austera* L.
Subgroup 003B	***Plums***
Code No.	**Commodity**
FS 0014	**Plums** (including Prunes)
	Prunus domestica L.; other *Prunus* spp and ssp.
	(includes all commodities in this subgroup)
FS 0241	**Bullace**
	Prunus insititia L.;
	Syn: *Prunus domestica* L., ssp. *insititia* (L.) Schneider
FS 0242	**Cherry plum**
	Prunus cerasifera Ehrhart, syn: *P. divaricata* Ledeboer *P. salicina* Lindl., var. Burbank
-	**Chickasaw plum**, see Plum, Chickasaw, FS 0248
-	**Damsons (Damson plums)**, see Plum, Damson

FS 0302 **Jujube, Chinese**

Ziziphus jujuba Mill.

- **Greengages (Greengage plums)**, see Plum, Greengage

FS 2233 **Klamath plum**,

Prunus subcordata Benth.

- **Mirabelle**, see Plum, Mirabelle

- **Myrobolan plum**, see Cherry plum, FS 0242

FS 2234 **Plum**

Prunus domestica L.

- **Plum, American**, see Sloe, FS 0249

Prunus americana Marshall

FS 2235 **Plum, beach**

Prunus maritime Marshall

FS 0248 **Plum, Chickasaw**

Prunus angustifolia Marsh.;

Syn: *P. Chicasaw* Mich.

- **Plum, Damson**, see Bullace, FS 0241

- **Plum, Greengage**, see Plums, FS 0014

Prunus insititia L., var. *italica* (Borkh.) L.M Neum.

- **Plum, Japanese**, see Plums, FS 0014

Prunus salicina Lindley;

Syn: *P. triflora* Roxb.

- **Plum, Mirabelle**, see Bullace, FS 0241

Prunus insititia L., var. *syriaca*;

Syn: *P. domestica* L., ssp *insititia* (L.) Schneider

FS 2236 **Plumcot**

Prunus domestica x P. armeniaca

- **Prunes**, see Plums, FS 0014

FS 0249 **Sloe**

Prunus spinosa L.; several wild *Prunus* spp.

Subgroup 003C Peaches

Code No. Commodity

FS 2001 **Peaches** (including Nectarine and Apricots)

(includes all commodities in this subgroup)

FS 0240 **Apricot**

Prunus armeniaca L.;

Syn: *Armeniaca vulgaris* Lamarck

FS 2237 **Japanese apricot**

Prunus mume Siebold & Zucc.

FS 0245 **Nectarine**

Prunus persica (L.) Batch, var. *nectarina*

FS 0247 **Peach**

Prunus persica (L.) Batsch;

Syn: *P. vulgaris* Mill.

Berries and other small fruits

Class A

Type 1 **Fruits** **Group 004** **Group Letter Code FB**

Berries and other small fruits are derived from a variety of perennial plants and shrubs having fruit characterized by a high surface: weight ratio. The fruits are fully exposed to pesticides applied during the growing season (blossoming until harvest).

The entire fruit, often including seed, may be consumed in a succulent or processed form.

Five subgroups are defined:

Group 004 A Caneberries: includes berries originating from canes that are erect or trailing, mainly Rubus species

Group 004 B Bushberries: includes berries originating from woody shrubs

Group 004 C Large shrub/tree berries: includes berries originating from large shrubs or trees

Group 004 D Small fruit vine climbing: includes berries originating from climbing vines

Group 004 E Low growing berries: includes berries originating from low growing berries that are short shrubs or herbaceous plants

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of caps and stems. Currants, Black, Red, White: fruit with stem.**

Group 004 ***Berries and other small fruits***

Code No. Commodity

FB 0018 **Berries and other small fruits**

(includes all commodities in this group)

Subgroup 004A **Cane berries**

Code No. Commodity

FB 2005 **Cane berries**

Rubus species (includes all commodities in this subgroup)

FB 0264 **Blackberries**

Rubus fruticosus auct. aggr., several ssp.

- **Boysenberry**, see Dewberries, FB 0266

Hybrid of *Rubus* spp.

FB 0266 **Dewberries** (including Boysenberry and Loganberry)

Rubus ceasius L.; several *Rubus* ssp. and hybrids

- **Korean Black Raspberry**, see Raspberries, Red, Black FB 0272

Rubus coreanus Miquel.

- **Korean Raspberry**, see Raspberries, Red, Black FB 0272

Rubus crataegifolius Bunge

- **Loganberry**, see Dewberries, FB 0266

Rubus loganobaccus L.H. Bailey, hybrid of *Rubus* spp.

- **Olallie berry**, see Dewberries, FB 0266

FB 0272 **Raspberries, Red, Black**

Rubus idaeus L.; *Rubus occidentalis* L. ; several Rubus spp. and hybrids, including wild rasp berries *Rubus molluccanus* L.

-	**Youngberry**, see Dewberries, FB 0266
	Rubus ursinus cv. Young
Subgroup 004B	**Bush berries**
Code No. Com	**modity**
FB 2006	**Bush berries**
	(includes all commodities in this subgroup)
FB 0019	**Vaccinium berries**, including Bearberry, except Cranberry
	Vaccinium spp.; *Arctostaphylos uva-ursi* (L.) Spreng.
FB 0020	**Blueberries**
	Vaccinium corymbosum L.; *Vaccinium angustifolium* Ait.;
	Vaccinium virgatum Aiton; *Gaylussacia* spp.
FB 2240	**Agritos**
	Berberis trifoliolata Moric
FB 2241	**Aronia berries**
	Aronia spp.
FB 0260	**Bearberry**
	Arctostaphylos uva-ursi (L.) Spreng.
FB 0261	**Bilberry**
	Vaccinium myrtillus L.
FB 0262	**Bilberry**, **Bog**
	Vaccinium uliginosum L.
FB 0263	**Bilberry, Red**
	Vaccinium vitis-idaea L.
-	**Blueberry, Highbush**, see Blueberries, FB 0020
	Vaccinium corymbosum L.
-	**Blueberry, Lowbush**, see Blueberries, FB 0020
	Vaccinium angustifolium Ait
- **Blueberry,**	**Rabbiteye**, see Blueberries, FB 0020
	Vaccinium virgatum Aiton
FB 2242	**Buffalo currant**
	Ribes aureum var. *villosum* DC. (Syn: *Ribes odoratum* H.Wendl)
FB 2243 **Chilean**	**guava**
	Ugni molinae Turcz. (Syn: *Myrtus ugni* Mol.)
-	**Cowberry**, see Bilberry, Red, FB 0263
FB 0021	**Currants**, **Black, Red, White**
	Ribes nigrum L.; *R. rubrum* L.
FB 0278	**Currant, Black**, see also Currants, Black, Red, White
	Ribes nigrum L.
FB 0279	**Currant, Red, White**, see also Currants, Black, Red, White
	Ribes rubrum L.
FB 0268	**Gooseberry**
	Ribes uva-crispa L. (Syn: *R. grossularia* L.)

FB 2244 **European barberry**

Berberis vulgaris L.

- **European Blueberry**, see bilberry FB 0261

FB 2245 **Huckleberries**

1. Blueberries, see above FB 0020

2. *Gaylussacia* spp., see Blueberries FB 0020

Red Huckleberry (*Vaccinium parvifolium* L.)

FB 2246 **Jostaberries**

Ribes x nidigrolaria Rud. Bauer & A. Bauer

FB 0270 **Juneberries**

Amelanchier spp.

FB 2247 **Native currant**

Acrotriche depressa R. Br.

FB 2248 **Riberries**

Syzygium leuhmannii

FB 0273 **Rose hips**

Rosa L., several spp.

FB 2249 **Salal**

Gaultheria shallon Pursh

FB 2250 **Sea buckthorn**

Hippophea rhamnoides L.

- **Whortleberry, Red**, see Bilberry, Red, FB 0263

Subgroup 004C Large shrub/tree berries

Code No. Commodity

FB 2007 **Large shrub/tree berries**

(includes all commodities in this subgroup)

FB 2250 **Bayberries**

Morella spp.

FB 2251 **Buffaloberry**

Shepherdia argentea (Pursh) Nutt.

FB 2252 **Che**

Maclura tricuspidata Carrièra

FB 0267 **Elderberries**

Sambucus spp.

FB 2253 **Guelder rose**

Viburnum opulus L.

FB 0271 **Mulberries**

Morus alba L.; *Morus nigra* L.; *Morus rubra* L.

FB 2254 **Phalsa**

Grewia asiatica L.

- **Rowan,** see Service berries, FB 0274

Sorbus aucuparia L.

FB 0274	**Service berries**
	1. see Juneberries
	2. *Sorbus torminalis* (L.) Crantz; *Sorbus domestica* L. *S. aucuparia* L.
FB 2255	**Silverberry, Russian**
	Elaeagnus augustifolia L.
Subgroup 004D	**Small fruit vine climbing**
Code No. Com	**modity**
FB 2008	**Small fruit vine climbing**
	(includes all commodities in this subgroup)
FB 2256	**Arguta kiwifruit**
	Actinidia arguta (Siebold & Zucc.) Planch. ex. Miq.
FB 2257	**Amur river grape**
	Vitus amurensis Rupr.
FB 0269	**Grapes**
	Vitis vinifera L., several cultivars
FB 2258	**Schisandraberry**
	Schisandra chinensis (Turcz.) Baill.
FB 1235	**Table-grapes**
	Special cultivars of *Vitis vinifera* L., suitable for direct human consumption
-	**Tara vine**, see Arguta kiwifruit, FB 2255
FB 1236	**Wine-grapes**
	Special cultivars of *Vitis vinifera* L., suitable for preparing juice and fermenting into wine
Subgroup 004E	**Low growing berries**
Code No. Com	**modity**
FB 2009	**Low growing berries**
	(includes all commodities in this subgroup)
-	**Bakeapple**, see Cloudberry, FB 0277
FB 0265	**Cranberry**
	Vaccinium macrocarpon Aiton
FB 0277	**Cloudberry**
	Rubus chamaemorus L.
FB 2259	**Muntries**
	Kunzea pomifera F. Muell.
FB 2260	**Partridge berry**
	Mitchella repens L.
-	**Squaw vine**, see Partridge berry, FB 2259
FB 0275	**Strawberry**
	Fragaria x ananassa Duchene ex Rozier
FB 0276	**Strawberries, Wild**
	Fragaria vesca L.; *Fragaria moschata* Duchene
-	**Strawberry , Musky**, see Strawberries wild, FB 0276
	Fragaria moschata Duchene

Assorted tropical and sub-tropical fruits - edible peel

Class A

Type 1 Fruits Group 005 Group Letter Code FT

The Assorted tropical and sub-tropical fruits - edible peel are derived from the immature or mature fruits of a large variety of perennial plants, usually shrubs or trees. The fruits are fully exposed to pesticides during the growing season (period of fruit development).

The whole fruit may be consumed in a succulent or processed form.

The group 005 Miscellaneous fruits – edible peel is divided in 3 subgroups:

005 A Assorted tropical and sub-tropical fruits - edible peel – small

005 B Assorted tropical and sub-tropical fruits - edible peel – medium to large

005 C Assorted tropical and sub-tropical fruits - edible peel – palms

Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity. **Dates, olives and similar frui ts with hard seeds: Whole commodity afte r removal of stems and stones but resi due calculated and expressed on the whole fruit.**

Group 005 Assorted tropical and sub-tropical fruits - edible peel

Code No, Com	**modity**
FT 0026	**Assorted tropical and sub-tropical fruits - edible peel**

Subgroup 005A Assorted tropical and sub-tropical fruits - edible peel – small

Code No, Com	**modity**
FT 2011	**Assorted tropical and sub-tropical fruits - edible peel – small**
	(includes all commodities in this subgroup)
-	**Acerola**, see Barbados cherry, FT 0287
FT 2300	**African plum**
	Vitex doniana Sweet
FT 2301	**Almondette**
	Buchanania lanzan Spreng.
FT 2302	**Apple berry**
	Billardiera scandens Sm.
FT 0286	**Arbutus berry**
	Arbutus unedo L.
FT 0287	**Barbados cherry**
	Malpighia emarginata DC.; Syn: *M. glabra* L.
FT 2303	**Bayberry, Red**
	Morella rubra Lour
FT 2304	**Bignay**
	Antidesma bunius (L.) Spreng.
FT 2305	**Breadnut**
	Bosimum alicastrum Sw.
-	**Brazilian cherry**, see Grumichana, FT 0298
FT 2306	**Cabeluda**
	Plinia glomerata (O. Berg) Amshoff
-	**Camu-camu**, see Rumberry, FT 2330
-	**Caranda,** see Karanda FT 0290

FT 2307 **Carandas plum**

Carissa edulis Vahl.

FT 2308 **Ceylon iron wood**

Manilkara hexandra (Roxb.) Dubard

FT 2309 **Ceylon olive**

Elaeocarpus serratus L.

FT 2310 **Cherry-of-the-Rio-Grande**

Eugenia aggregate (Vell.) Kiaersk.

FT 0293 **Chinese olive, Black, White**

Canarium tramdenum C.D.Dai&Yakovlev; Syn: *C pimela* Koenig
Canarium album (Lour.) Raeusch.

FT 2311 **Chiraulinut**

Buchanania latifolia Roxb.

FT 0294 **Coco plum**

Chyrsobalanus icaco L.

FT 0296 **Desert date**

Balanites aegyptiaca (L.)Delile

FT 2312 **False sandalwood**

Ximenia americana L.

FT 2313 **Fragrant manjack**

Cordia dichotoma G. Forst.

FT 2314 **Gooseberry, Abyssinian**

Dovyalis abyssinica (A. Rich.) Warb.

FT 2315 **Gooseberry, Ceylon**

Dovyalis hebecarpa (Gardner) Warb.

FT 2316 **Governor's plum**

Flacourtia indica (Burm.fF) Merr.;

Flacourtia inermis Roxb.;

Flacourtia rukam Zoll.&Moritzi;

Flacourtia jangomas (Lour.)Raeusch.

FT 0298 **Grumichama**

Eugenia brasiliensis Lam.

Syn: *Eugenia dombeyi* (Spreng.) Skeels

FT 2317 **Guabiroba**

Campomanesia xanthocarpa O. Berg

FT 2318 **Guava berry**

Myrciaria floribunda (H. West ex Willd.) O. Berg

- **Herbert river cherry**, See Bignay, FT 2304

FT 0299 **Hog plum**

Spondias mombin L.;

Syn: *S. lutea* L.

- **Icaco plum**, See Coco plum, FT 0294

FT 2319 **Illawara plum**

Podocarpus elatus R. Br. Ex Endl.

- **Indian plum**, See Governor's plum, FT 2316

FT 2320 **Jamaica cherry**

Muntingia calabura L.

FT 0339 **Jambolan**

Zyzigium cumini (L.) Skeels;

Syn: *Eugenia cuminii* (L.) Druce;

FT 0340 **Java apple**

Syzigium samarangense (Bl.) Merr. & Perry;

Syn: *Eugenia javanica* Lam

FT 2321 **Kaffir plum**

Harpephyllum caffrum Bernh. Ex C. Krauss

FT 2322 **Kakadu plum**

Terminialia latipes Benth. Subsp. *psilicarpa* Pedley

FT 2323 **Kapundung**

Baccaurea racemosa (Reinw.) Müll. Arg.

FT 0290 **Karanda**

Carissa carandas L.

FT 2324 **Lemon aspen**

Acronychia acidula F. Muell.

- **Maya breadfruit**, See Breadnut, FT 2305

- **Mombin, yellow,** See Hog plum FT 0299

FT 2326 **Monos plum**

Pseudanamomis umbellulifera (Kunth) Kausel

FT 2327 **Mountain cherry**

Bunchosia cornifolia Kunth

- **Olives, table**, see Table olives FT 0305

FT 0306 **Otaheite gooseberry**

Phyllantus acidus (L.) Skeels

Syn: *Ph. distichus* (L.) Muell.-Arg.

- **Olives for oil production,** see Group 023 Oilseed

FT 2328 **Persimmon, Black**

Diospyros texana Scheele

- **Pitanga** , see Surinam Cherry, FT 0311

FT 2329 **Pitomba**

Eugenia luschnathiana Klotzsch ex O. Berg

- **Plum-of-Martinique**, See Governor's plum, FT 2316

- **Rukam**, See Governor's plum, FT 2316

FT 2330 **Rumberry**

Myrciaria dubia (Kunth) Mc Vaugh

FT 0310	**Sea grape**
	Coccoloba uvifera Jacq.
FT 2331	**Sete-capotes**
	Campomanesia guazimifolia (Cambess.) O. Berg
FT 2332	**Silver aspen**
	Acronychia wilcoxiana (F. Muell.) T.G. Hartley
FT 0311	**Surinam cherry**
	Eugenia uniflora L.
FT 0305	**Table Olives**
	Olea europaea L., var. *europaea*
-	**Tree strawberry**, see Arbutus berry, FT 0286
FT 2333	**Water apple**
	Syzygium aqueum (Burm. F.) Alston
FT 2334	**Water berry**
	Syzygium cordatum Hochst. Ex C. Krauss
FT 2335	**Water pear**
	Syzygium guineense (Willd.) DC
-	**Wax jambu,** see Java apple FT 0340
-	**Yumberry**, see Bayberry, Red, FT 2303

Subgroup 005B Assorted tropical and sub-tropical fruits - edible peel – medium to large

Code No, Com	**modity**
FT 2012	**Assorted tropical and sub-tropical fruits - edible peel – large**
	(includes all commodities in this subgroup)
FT 0285	**Ambarella**
	Spondias dulcis Sol. Ex Parkinson;
	Syn: *S. cytherea* Sonn.
-	**Aonla**, See Gooseberry, Indian, FT 2356
FT 2350	**Arazá**
	Eugenia stipitata Mac Vaugh
FT 2351	**Babaco**
	Vasconcella x heilbornii (V.M. Badillo) V.M. Badillo
FT 0288	**Bilimbi**
	Averrhao bilimbi L.
FT 2352	**Cajou (pseudofruit)**
	Anacardium giganteum Hance ex Engl.
FT 2353	**Cambucá**
	Marlierea edulis Nied.
FT 0289	**Carambola**
	Averrhoa carambola L.
FT 0291	**Carob**
	Ceratonia siliqua L.

FT 0292	**Cashew apple**
	Anacardium occidentale L.
FT 2354	**Ciruela verde**
	Bunchosia armeniaca (Cav.) DC.
FT 2355	**Davidson plum**
	Davidsonia pruriens F. Muell
FT 0297	**Fig**
	Ficus carica L.
FT 2356	**Gooseberry, Indian**
	Phyllanthus emblica L.
FT 0336	**Guava**
	Psidium guajava L.
FT 2357	**Guava, Brazilian**
	Psidium guineense Sw.
FT 2358	**Guava, Cattley**
	Psidium cattleianum Sabine
FT 2359	**Guava, Costa Rican**
	Psidium friedrichsthalianum (O. Berg) Nied.
FT 2360	**Guava, Para**
	Psidium acutangulum DC.
FT 2361	**Guayabillo**
	Psidium sartorianum (O. Berg) Nied.
FT 2362	**Imbé**
	Garcinia livingstonei T. Anderson
FT 2363	**Imbu**
	Spondias tuberosa Arruda ex Kost.
-	**Indian mulberry**, See Noni, FT 2371
FT 0300	**Jaboticaba**
	Myrciaria cauliflora O. Berg.;
	Syn: *Eugenia cauliflora* DC.
FT 0301	**Jujube, Indian**
	Ziziphus mauritania Lam.;
	Syn: *Z. jujuba* (L.) Lam. Gaertn.
FT 2364	**Kwai muk**
	Artocarpus hypargyreus Hance ex Benth.
-	**Locust tree**, See carob, FT 0291
FT 2365	**Mangaba**
	Hancornia speciosa Gomes
FT 2366	**Marian plum**
	Bouea macrophylla Griff
FT 2367	**Mombin, Malayan**
	Spondias pinnata (J. Koenig. ex L. f.) Kurz

FT 2368	**Mombin, Purple**
	Spondias purpurea L.
FT 2369	**Monkey fruit**
	Autocarpus lacucha Buch.-Ham.
-	**Muriti**, See Nance, FT 2370
FT 2370	**Nance**
	Byrsonima crassifolia (L.) Kunth
FT 0304	**Natal plum**
	Carissa macrocarpa (Eckl.) A.DC.
	Syn: *C. grandiflora* (E, Mey) A.DC.
FT 2371	**Noni**
	Morinda citrifolia L.
FT 2372	**Papaya, Mountain**
	Vasconcellea pubescens A. DC.
FT 0308	**Pomerac**
	Syzygium Malaccense (L.) Merr. et Perry;
	Syn: *Eugenia malaccensis* L.
-	**Pomarrosa**, see Rose apple, FT 0309
-	**Pomarrosa, Malay**, see Pomerac, FT 0308
-	**Purple strawberry guava**, See Guava, Cattley, FT 2358
FT 2373	**Rambai**
	Baccaurea motleyana (Müll. Arg.) Müll. Arg
FT 0309	**Rose apple**
	Syzigium jambos (L.) Alston;
	Syn: *Eugenia jambos* L.
FT 0364	**Sentul**
	Sandoricum koetjape (Burm.F) Merr.
-	**Strawberry guava**, See Guava, Cattley, FT 2358
-	**St. John's bread**, see Carob, FT 0291
-	**Umbu**, See Imbu FT 2363
FT 2374	**Uvalha**
	Eugenia pyriformis Cambess
-	**Yellow strawberry guava**, See Guava, Cattley, FT 2358

Subgroup 005C Assorted tropical and sub-tropical fruits - edible peel – palms

Code No.	**Com modity**
FT 2013	**Assorted tropical and sub-tropical fruits - edible peel - palms**
	(includes all commodities in this subgroup)
FT 2400	**Açaí**
	Euterpe oleracea Mart.
FT 2401	**Apak palm**
	Brahea dulcis (Kunth) Mart.
-	**Assai palm,** see Açaí, FT 2400

FT 2402 **Bacaba palm**

Oenocarpus bacaba Mart.

FT 2403 **Babaca-de-leque**

Oenocarpus distichus

FT 0295 **Date**

Phoenix dactylifera L.

FI 0333 **Doum or Dum palm**

Hyphaene thebaica (L.) Mart.

FT 2404 **Jelly palm**

Butia capitata (Mart.) Becc.

FT 2405 **Patauá**

Oenocarpus bataua Mart.

FT 2406 **Peach palm**

Bactris gasipaes Kunth var. *Gasipaes*

Assorted tropical and sub-tropical fruits - inedible peel

Class A

Type 1 Fruits Group 006 Group Letter Code FI

The Assorted tropical and sub-tropical fruits - inedible peel are derived from the immature or mature fruits of a large variety of perennial plants, usually shrubs or trees. Fruits are fully exposed to pesticides applied during the growing season (period of fruit development) but the edible portion is protected by skin, peel or husk. The edible part of the fruits may be consumed in a fresh or processed form.

The group Miscellaneous fruits – inedible peel is divided in 5-6 subgroups:

006A Assorted tropical and sub-tropical fruits - inedible peel – small

006B Assorted tropical and sub-tropical fruits - inedible smooth peel - large

006C Assorted tropical and sub-tropical fruits - inedible rough or hairy peel - large

006D Assorted tropical and sub-tropical fruits - inedible peel - cactus

006E Assorted tropical and sub-tropical fruits - inedible peel - vines

006F Assorted tropical and sub-tropical fruits - inedible peel - palms

Portion of the commodity to which the MRL applies (and which is analysed): **Whole fruit unless qualified: e.g., banana pulp. Pineapple after removal of crown. Avocado, mangos and similar fruit with hard seeds: Whole commodity after removal of stone but residue calculated and expressed on whole fruit.**

Group 006 Assorted tropical and sub-tropical fruits - inedible peel

Code No, Commodity

FI 0030 **Assorted tropical and sub-tropical fruits - inedible peel**

Subgroup 006A Assorted tropical and sub-tropical fruits - inedible peel – small

Code No, Commodity

FI 2021 **Assorted tropical and sub-tropical fruits - inedible peel – small**

(includes all commodities in this subgroup)

FI 2450 **Aisen**

Boscia senegalensis (Pers.) Lam

FI 2451 **Bael fruit**

Aegle marmelos (L.) Corrêa

FI 2452	**Burmese grape**
	Baccaurea ramiflora Lour.
-	**Cat's eyes**
	Dimocarpus Longan Lour. subsp. *malesianus* Leenh., see Longan FI 0342
FI 2453	**Ingá**
	Inga vera Willd. subsp *affinis* (DC.) T.D. Penn.
FI 0343	**Litchi**
	Litchi chinensis Sonn.;
	Syn: *Nephelium litchi* Camb.
FI 0342	**Longan,** see Codex stan. 220-1999
	Dimocarpus longan Lour.
	Syn: *Nephelium longana* (Lam.) Camb.; *Euphoria longana* Lam.
FI 2454	**Madras-thorn**
	Pithecellobuim dulce (Roxb.) benth
FI 2455	**Manduro**
	Balanites maughamii Sprague
FI 2456	**Matisia**
	Matisia cordata Humb. & Bonpl.
FI 2457	**Mesquite**
	Prosopis juliflora (Sw.) DC.
FI 2458	**Mongongo**
	Schinziophyton rautanenii (Schinz) Radcl.-Sm
FI 2459	**Pawpaw, Small-flower**
	Asimina parviflora (Michx.) Dunal
FI 2460	**Satinleaf**
	Chrysophyllum oliviforme L.
FI 2461	**Sierra Leone-tamarind**
	Dallium guineense Willd.
FI 0366	**Spanish lime**
	Melicoccus bijugatus Jacq.;
	Syn: *Melicocca bijuga* L.
FI 0369	**Tamarind,** see also Subgroup 28B Spices: Fruit or berry
	Tamarindus indica L., sweet varieties
FI 2462	**Velvet tamarind**
	Dallium indicum L.
FI 2463	**Wampi**
	Clausena lansium (Lour.) Skeels
FI 2464	**White star apple**
	Chrysophyllum albidum G. Don

Subgroup 006B Assorted tropical and sub-tropical fruits - inedible smooth peel - large

Code No, Commodity	
FI 2022	**Assorted tropical and sub-tropical fruits - inedible smooth peel – large**
	(includes all commodities in this subgroup)
FI 2480	**Abiu**
	Pouteria caimito (Ruiz & Pav.) Radlk.
FI 0325	**Akee apple**
	Blighia sapida K.D. Koenig
FI 0326	**Avocado**
	Persea americana Mill.
FI 2481	**Bacuri**
	Platonia insignis Mart.
FI 0327	**Banana**
	Subsp. and cultivars of *Musa* ssp. and hybrids
-	**Banana, Dwarf,** See Banana, FI 0327
	Musa hybrids, AAA group;
	Syn: *M. cavendishii* Lambert; *M. nana* Lour.
FI 2482	**Binjai**
	Mangifera caesia Jack
FI 0715	**Cacao** (pulp)
	Theobroma cacao L.
FI 0330	**Canistel**
	Pouteria campechiana (Kunth.) Baenhi; this species includes former *Lacuma nervosa* A.DC. and *L. salicifolia* Kunth.
FI 2483	**Cupuaçu**
	Theobroma grandiflorum (Willd. ex Spreng.) K. Schum.
-	**Egg fruit**, see Canistel, FI 0330
FI 2484	**Etambe**
	Mangifera zeylanica (Blume) Hook. F.
FI 0335	**Feijoa**
	Acca sellowiana (O. Berg) Burret
	Syn: *Feijoa sellowiana* (O. Berg) O. berg
FI 2485	**Jatobá**
	Hymenaea courbaril L.
FI 2486	**Kei apple**
	Dovyalis caffra (Hook. F. & Harv.) Warb.
FI 2487	**Kokam**
	Garcinia indica (Thouars) Choisy
FI 2488	**Langsat**
	Lansium domesticum Corrêa
	Syn: *Aglaia domestica; A. dookoo*

FI 2489	**Lanjut**
	Mangifera legenifera Griff.
FI 2490	**Lucuma**
	Pouteria lucuma (Ruiz & Pav.) Kuntze
-	**Lulo**, see Naranjilla, FI 0349
FI 2491	**Mabolo**
	Diospyros blancoi A. DC.
FI 0345	**Mango**
	Mangifera indica L.
FI 2492	**Mango, Horse**
	Mangifera foetida Lour.
FI 2493	**Mango, Saipan**
	Mangifera odorata Griff.
-	**Mangostan**, see Mangosteen, FI 0346
FI 0346	**Mangosteen**
	Garcinia mangostana L.
FI 0349	**Naranjilla**
	Solanum quitoense Lam.
FI 2494	**Paho**
	Mangifera altissima Blanco
FI 0350	**Papaya**
	Carica papaya L.
FI 2495	**Pawpaw**
	Asimina triloba (L.) Dunal
FI 2496	**Pelipisan**
	Mangifera casturi Kosterm.
FI 2497	**Pequi**
	Caryocar brasiliense Cambess.; *C villosum* (Aubl.) Pers
FI 0352	**Persimmon, American**
	Diospyros virginiana L.
-	**Plantain,** See Banana, FI 0327
	Musa x paradisiaca L., var. *sapientum* (L.) Kuntze
FI 0355	**Pomegranate**
	Punica granatum L.
FI 2498	**Quandong**
	Satalum acuminutum (R. Br.) DC.
-	**Quito orange**, see Naranjilla, FI 0349
FI 0360	**Sapote, Black**
	Diospyros digyna Jacq.
	Syn: *D.ebenaster* Retz.

FI 0361	**Sapote, Green**
	Pouteria viridis (Pittier) Cronquist
	Syn:*Calocarpum viride* Pitt.
FI 0363	**Sapote, White**
	Casimiroa edulis La Llave & Lex
FI 2499	**Sataw**
	Parkia speciosa Hassk
FI 0367	**Star apple**
	Chrysophyllum cainito L.
FI 0312	**Tamarillo**,
	Solanum betaceum Cav.
	Syn: *Cyphomandra betacea* (Cav.) Sendt
FI 2500	**Tamarind-of-the-Indies**
	Vangueria madagascariensis J.F/Gmel.
-	**Tree tomato,** See Tamarillo, FI 0312
FI 2501	**Wild loquat**
	Uapaca kirkiana Müll. Agr.

Subgroup 006C Assorted tropical and sub-tropical fruits – inedible rough or hairy peel - large

Code No, Com	**modity**
FI 2023	**Assorted tropical and sub-tropical fruits – inedible rough or hairy peel - large**
	(includes all commodities in this subgroup)
FI 2520	**Atemoya**
	Annona x atemoya Mabb.
-	**Baobab fruit**, see Monkey-bread tree FI 2524
FI 2521	**Biriba**
	Rollinia mucosa (Jacq.) Baill.
FI 0329	**Breadfruit**
	Artocarpus altilis (Parkinson) Fosberg
	Syn: *Artocarpus communis* J.R. et G. Forster;
FI 2522	**Champedak**
	Artocarpus integer (Thunb.) Merr.
FI 0331	**Cherimoya**
	Annona cherimola Mill.
FI 0332	**Custard apple**
	Annona reticulata L
FI 0334	**Durian**
	Durio zibethinus L..
FI 0371	**Elephant apple**
	Limonia acidissima L.
	Syn: *Feronia limonia* (L.) Swing; *Feronia elephantum* Corrêa
-	**Guanabana**, see Soursop, FI 0365

FI 0337	**Ilama**
	Annona macroprophyllata Donn. Sm.
	Syn: A. diversifolia Saff.
-	**Indian wood apple**, see Elephant apple, FI 0371
FI 0338	**Jackfruit**
	Artocarpus heterophyllus Lam.;
	Syn: *A. integrifolius* auct
FI 0344	**Mammey apple**
	Mammea americana L.
FI 2523	**Marang**
	Artocarpus odoratissimus Blanco
FI 0347	**Marmalade-box**
	Genipa americana L.
FI 2524	**Monkey-bread tree**
	Adansonia digitata L.
FI 0353	**Pineapple**
	Ananas comosus (L.) Merril;
FI 2525	**Poshte**
	Annona liebmaniana Baill.
FI 0357	**Pulasan**
	Nephelium ramboutan-ake (labill.) Leenh.
FI 0358	**Rambutan**
	Nephelium lappaceum L.
FI 0359	**Sapodilla**
	Manilkara zapota (L.) P. Royen
	Syn: *Manilkara achras* (Mill.) Fosberg; *Achras zapota* L.
FI 0362	**Sapote, Mammey**
	Pouteria sapota (Jacq.) H.E. Moore & Stearn
	Syn: *Calocarpum sapota* (Jacq.) Merr.
FI 2526	**Screwpine**
	Pandanus tectorius Parkinson; *P. utilus* Bory; *P. leram* Jones ex Fontana; *P. julianettii* Martelli
FI 2527	**Soncoya**
	Annona purpurea Moc. &Sessé ex Dunal
FI 0365	**Soursop**
	Annona muricata L.
FI 0368	**Sugar apple**
	Annona squamosa L.
FI 2528	**Sun sapote**
	Licania platypus (Hemsl.) Fritsch
-	**Sweetsop**, see Sugar apple, FI 0368

Subgroup 006D Assorted tropical and sub-tropical fruits - inedible peel - cactus

Code No, Commodity	
FI 2024	**Assorted tropical and sub-tropical fruits - inedible peel - cactus**
	(includes all commodities in this subgroup)
-	**Dragon fruit**, see Pitaya, FI 2540
	H. undatus (Haw.) Britton & Rose
-	**Indian fig**, see Prickly pear, FI 0356
FI 2540	**Pitaya**
	Hylocereus spp.; H. undatus (Haw.) Britton & Rose*; H. Megalanthus* (K. Schum. Ex Vaupel) Ralf Bauer; *H. Polyrhizus* (F.A.C. Weber) Britton & Rose; *H. Ocamponis* (Salm-Dyck) Britton & Rose *H. triangularis* (L.) Britton&Rose
FI 0356	**Prickly pear**
	Opuntia ficus-indica (L.) P. Miller; *O. Engelmannii* Salm-Dyck ex Engelm. var. *Lindheimeri* (Engelman.) B.D. Parfitt & Pinkava
FI 2541	**Saguaro**
	Camegiea gigantean (Engelm.) Britton & Rose

Subgroup 006E Assorted tropical and sub-tropical fruits - inedible peel - vines

Code No, Commodity	
FI 2025	**Assorted tropical and sub-tropical fruits - inedible peel - vines**
	(includes all commodities in this subgroup)
-	**Chinese gooseberry**, see Kiwifruit, FI 0341
FI 2560	**Granadilla**
	Passiflora ligularis Juss.
FI 2561	**Granadilla, Giant**
	Passiflora quadrangularis L.
FI 0341	**Kiwifruit**
	Actinidia deliciosa (A. Chev.) C. F. Liang & A. R. Ferguson;
	A. chinensis Planch. and hybrids
FI 2562	**Monstera**
	Monstera deliciosa Liebm.
FI 2563	**Passionflower, Winged-stem**
	Passiflora alata Curtis
FI 2564	**Passion fruit, Banana**
	Passiflora tripartita (Juss.) Poir. Var. *mollissima* (Kunth) Holm-Niels & P. Jørg.
FI 0351	**Passion fruit**
	Cultivars of *Passiflora edulis* Sims

Subgroup 006F Assorted tropical and sub-tropical fruits - inedible peel - palms

Code No, Commodity	
FI 2026	**Assorted tropical and sub-tropical fruits - inedible peel -palms**
	(includes all commodities in this subgroup)
FI 2580	**Coconut, Young**
	Cocus nucifera L.

FI 2581 **Guriri**

Allagoptera arenaria (Gomes) Kuntze

FI 2582 **Moriche palm fruit**

Mauritia flexuosa L.f.

FI 2583 **Muriti**

Mautitia flexuosa L.f.

FI 2584 **Palmyra palm fruit**

Borassus flabellifer L.

FI 2585 **Salak**

Salacca zalacca (Gaertn.) Voss

APPENDIX IX

PROPOSED DRAFT REVISION OF THE CODEX CLASSIFICATION OF FOOD AND FEED:
SELECTED VEGETABLE COMMODITY GROUPS

(At Step 5)

Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas

Class A

Type 2 Vegetables Group 010 Group Letter Code VB

Brassica (cole or cabbage) vegetables and flowerhead brassicas are foods derived from the leafy heads, stems and immature inflorescences of plants belonging to the genus Brassica of the family Cruciferae. Although Kohlrabi does not comply fully with the description above, for convenience and because of the similarity in residue behaviour the commodity is classified in this group. Kohlrabi is a tuber-like enlargement of the stem.

The edible part of the crop is partly protected from pesticides applied during the growing season by outer leaves, or skin (Kohlrabi).

The entire vegetable after discarding obviously decomposed or withered leaves may be consumed.

It is proposed to divide this group in 3 subgroups:

10A Flowerhead Brassicas

10B Head Brassicas

10C Stem Brassicas

Portion of the commodity to which the MRL applies (and which is analysed): **Head cabbages and Kohlrabi: Whole commodity as marketed, after removal of obviously decomposed or withered leaves. Cauliflower and broccoli: flower heads (immature inflorescence only). Brussels sprouts: "buttons" only. Kohlrabi: "tuber-like enlargement of the stem" only**

Code No, Com	**modity**
VB 0040	**Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas**
	(includes all commodities in this group)
Group 10A	**Flowerhead Brassicas**
Code No, Com	**modity**
VB 0042	**Flowerhead brassicas** (includes Broccoli and Cauliflower)
VB 0400	**Broccoli**
	Brassica oleracea L. var. *italica* Plenck
-	**Broccoli, Chinese,** See Leafy vegetables Group 13
-	**Broccoli, Sprouting**, see Broccoli, VB 0400
VB 0404	**Cauliflower**
	Brassica oleracea L. var. *botrytis* L., several cultivars (white and green)
-	**Cauliflower, Green**, see Cauliflower, VB 0404
-	**Kailan**, see Broccoli, Chinese
-	**Romanesco broccoli**, See Cauliflower, VB 0404
Group 10B	**Head Brassicas**
Code N0, Com	**modity**
VB 2036	**Head Brassicas**
	(includes all commodities in this group)
VB 0041	**Cabbages, Head**
	Brassica oleracea L. var. *capitata* L., several var. and cvs.
	(includes Savoy cabbage and Chinese cabbage)

VB 0402	**Brussels sprouts**
	Brassica oleracea L. var. *gemmifera* (DC.) Zenker
-	**Cabbage**, see Cabbages, Head, VB 0041
-	**Cabbage, Green**, see Cabbage, Savoy
-	**Cabbage, Red**, see Cabbages, Head, VB 0041
	Brassica oleracea L. *capitata* L., var. *rubra*
-	**Cabbage, Oxhead**, see Cabbages, Head, VB 0041
	Brassica oleracea L. capitata L., var. *alba, forma conica*
-	**Cabbage, Pointed**, see Cabbage, Oxhead
-	**Cabbage, White**, see Cabbages, Head, VB 0041
	Brassica oleracea L. *capitata* L., var. *alba*
VB 0403	**Cabbage, Savoy**, see also Cabbages, Head, VB 0041
	Brassica oleracea L. var. *sabauda* L.
-	**Cabbage, Yellow**, see Cabbage, Savoy, VB 0403
- Celery	**cabbage**, see Chinese cabbage, (type Pe-tsai), VB 0467
VB 0467	**Chinese cabbage**, (type Pe-tsai)
	Brassica rapa L. subsp. pekinensis (Lour.) Hanelt
	Syn: *B. pekinensis* (Lour.) Rupr.
-	**Chinese cabbage (napa),** see Chinese cabbage, (type Pe-tsai), VB 0467
-	**Kimchi cabbage,** see Chinese cabbage (type Pe-tsai), VB 0467
	Brassica rapa L. subsp. pekinensis (Lour.) Hanelt
	Syn: *Brassica rapa L.* var. *glabra* Regel
- Napa	**cabbage,** See Chinese cabbage (type Pe-tsai), VB 0467
-	**Pak-tsai**, see Chinese cabbage, (type Pe-tsai), VB 0467

Group 10C Stem Brassicas

Code N0, Com	**modity**
[VB...	**Flowering Chinese cabbage**
	Brassica?]
VB 0405	**Kohlrabi**
	Brassica oleracea L var. *gongylodes* L.
VB ...	**Stem mustard**
	Brassica juncea var. *tsatsai* Mao

Leafy vegetables (including Brassica leafy vegetables)

Class A

Type 2 **Vegetables Group 013** **Group Letter Code VL**

Group 013 Leafy vegetables are foods derived from the leaves of a wide variety of edible plants, usually annuals or biennials. They are characterized by high surface: weight ratio. The leaves are fully exposed to pesticides applied during the growing season.

The entire leaf may be consumed, either fresh or after processing or household cooking.

It is proposed to divide this group in 7 subgroups:

013A Leafy greens

013B Brassica Leafy vegetables

013C Leaves of root and tuber vegetables

013D Leaves of trees, shrubs and vines

013E Leafy aquatic vegetables

013 F Witloof

013G Leaves of Cucurbitaceae

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as us ually markete d, a fter removal of obviously decomposed or withered leaves.**

Code No. Com	**modity**
VL 0053	**Leafy vegetables**
Group 013	**Leafy vegetables (including Brassica leafy vegetables)**
Code No. Com	**modity**
VL 2050	**Leafy greens**
Group 013A	**Leafy greens**
	(Includes all commodities in this subgroup)
VL ..	**Agretti**
	Salsola soda Weinm.
VL 0460	**Amaranth**
	Amaranthus spp.; including *A. spinosus* L.; *A. dubius* C. Mart. ex. Thell.; *A. hypochondriacus* L.; *A. cruentus* L.; *A. viridis* L.;. *A. tricolor* L.
VL 2740	**Aster, Indian**
	Kalimeris indica (L.) Sch. Bip.
-	**Beet leaves**, see Chard, VL 0464
VL ….	**Bitawiri**
	Cestrum latifolium Lam.
VL 2741	**Blackjack**
	Bidens pilosa L.
-	**Bledo**, see Amaranth, VL 0460
VL 0462	**Boxthorn**
	Lycium chinense Mill.
-	**Buckhorn plantain,** See Plantain leaves, VL 0490
	Plantago lanceolata L.
-	**Bush greens**, See Amaranth, VL 0460
	Amaranthus cruentus L.
VL 2742	**Cat's Whiskers**
	Cleome gynandra L.
VL 2743	**Cham-chwi**
	Doellingeria scabra (Thunb.) Nees
	Syn: *Aster scaber* Thunb.
VL 2744	**Cham-na-mul**
	Pimpinella calycina Maxim
	Syn: *Pimpinella brachycarpa* (Kom.) Nakai;
VL 2745	**Cham-ssuk**
	Artemisia dubia Wall. Ex DC.

VL 0464	**Chard**
	Beta vulgaris L. *subsp. vulgaris* var. *vulgaris; Beta vulgaris* L. *subsp. vulgaris* var. *cicla*
VL 0465	**Chervil**
	Anthriscus cerefolium (L.) Hoffmann
VL 0469	**Chicory leaves** (green and red cultivars)
	Cichorium intybus L., var. *foliosum* Hegi
-	**Chinese amaranth**, See Amaranth, VL 0460
	Amaranthus tricolor L.
VL 2746	**Chipilin**
	Crotalaria lingirostrata Hook & Arn.
VL 2747	**Chrysanthemum, Edible leaved**
	Glebionis spp.
-	**Chrysanthemum, garland**, See Chrysanthemum, edible leaved, VL 2747
	Glebionis coronaria (L.) Cass. ex Spach;
-	**Common plantain,** see Plantain leaves, VL 0490
	Plantago major L.
-	**Corn chrysanthemum**, see Chrysanthemum, edible leaved, VL 2747
	Glebionis segetum (L.) Fourr
VL 0470	**Corn salad**
	Valerianella spp.
VL 0510	**Cos lettuce**
	Lactuca sativa L.var. *longifolia* Lam.
VL 2748	**Cosmos**
	Cosmos caudatus Kunth
-	**Crisphead lettuce**, see Lettuce, Head, VL 0482
-	**Cutting lettuce**, see Lettuce, Leaf, VL 0483
VL 0474	**Dandelion**
	Taraxacum officinale F.H. Wigg. agrr.
VL 2749	**Dang-gwi**
	Angelica gigas Nakai
VL 0475	**Dock**
	Rumex spp.; [*Rumex patienta* L.]
VL 2750	**Dol-nam-mul**
	Sedum sarmentosum Bunge
VL 2751	**Ebolo**
	Crassocephalum crepidioides (Benth.) S. Moore
VL 0476	**Endive**
	Cichorium endivia L.
-	**Endive, broad or plain leaved**, see Endive, VL 0476
	Cichorium endivia L., var. *latifolium* Lamarck

-	**Endive, curled**, see Endive, VL 0476
	Cichorium endivia L., var. *crispum* Lamarck
VL 0514	**Fame flower**
	Talinum fruticosum L. Juss.
-	**Fennel**, see Group 027 Herbs
VL 0515	**Feather cockcomb**
	Glinus oppositifolius (L.) Aug. DC.
VL 2752	**Glasswort, common**
	Salicornia L.
VL 2753	**Gom-chwi**
	Ligularia fischeri Turcz.
-	**Good King Henry,** see Goosefoot, VL 0477
	Chenopodium bonus-henricus L.
VL 0477	**Goosefoot**
	Chenopodium spp.
-	**Huauzontle,** see Goosefoot, VL 0477
	Chenopodium berlandieri Moq.
VL 2754	**Iceplant**
	Mesembryanthemum crystallinum L.
-	**Italian corn salad**, see corn salad, VL 0470
	Valerianella eriocarpa desv.;
-	**Jew mallow, s**ee Jute, VL 2755
	Corchorus olitorius L.
VL 2755	**Jute**
	Corchorus spp.
-	**Lambs lettuce**, see Corn salad, VL 0470
	Valerianella locusta L.;
VL 2756	**Lettuce, bitter**
	Launeae cornuta (Hochst. ex Oliv. & Hiern) C. Jeffry
VL 0482	**Lettuce, Head**
	Lactuca sativa L., var. *capitata*
VL 0483	**Lettuce, Leaf**
	Lactuca sativa L., var. *crispa* L.;
-	**Lettuce, Red**, see Lettuce, Head, VL 0482
	Red cultivar of *Lactuca sativa*, var. *capitata*
VL 0486	**New Zealand spinach**
	Tetragonia tetragonioides (Pallas) O. Kuntze;
	Syn: *T. expansa* Murr.
VL 0488	**Orach**
	Atriplex hortensis L.
VL ..	**Perilla leaves**
	Perilla frutescens (L.) Britton var. *Frutescens*

VL 0490 **Plantain leaves**

Plantago major L.

VL 0492 **Purslane**

Portulaca oleracea L., ssp. *sativa* (Haw) Celak.

VL 0493 **Purslane, Winter**

Claytonia perfoliata Donn ex Willd.;

- **Red-leaved chicory**, see Chicory leaves, VL 0469

[VL .. **San-ma-neul leaves**

Allium victoralis L.]

- **Silver beet**, see Chard, VL 0464

- **Slender amaranth**, see Amaranth, VL 0460

Amaranthus viridis L.

VL 0501 **Sowthistle**

Sonchus oleraceus L.

VL 0502 **Spinach**

Spinacia oleracea L.

- **Spinach beet**, see Chard, VL 0464

VL 0503 **Spinach, Indian**

Basella alba L.;

- **Spiny amaranth**, see Amaranth, VL 0460

Amaranthus spinosus L.

- **Spleen amaranth**, see Amaranth, VL 0460

Amaranthus dubius C. Mart. ex. Thell.

- **Sugar loaf**, see Chicory leaves, VL 0469

- **Swiss chard**, see Chard, VL 0464

VL 2757 **Tanier spinach**

Xanthosoma brasiliense (Desf.) Engl.

- **Tricolor chrysanthemum,** see Chrysanthemum, Edible leaved, VL 2747

Glebionis carinata (Schousb.) Tzvelev

- **Vine spinach**, see Spinach, Indian, VL 0503

VL 2758 **Violet, Chinese**

Asystasia gangetica (L.) T. Anderson

- **Warrigal greens**, see New Zealand spinach, VL 0486

Group 013B Brassica leafy vegetables

Code No. Com modity

VL 0054 **Brassica leafy vegetables**

Brassica spp.

(Includes all commodities in this subgroup)

- **Amsoi**, see Indian Mustard

- **Arrugula**, see Rucola, VL 0496

- **Big-stem mustard**, See Mustard greens, VL 0485

Brassica juncea (L.) Czern subsp. *tsatsai* (T.L. Mao) Gladis

- **Borecole**, see Kale, curly

VL 0401 **Broccoli, Chinese**

Brassica oleracea var alboglabra (L.H. Bailey) Musil

VL 2770 **Broccoli raab**

Brassica ruvo L.H. Bailey

VL 2771 **Cabbage, Abyssinian**

Brassica carinata A. Braun

VL 2772 **Cabbage, Seakale**

Brassica oleracea L. var. *costada* DC.

- **Celery mustard**, see Pak-choi

VL 0466 **Chinese cabbage (type Pak-choi)**

Brassica rapa subsp. *chinensis* (L.) Hanelt

VL 2773 **Chinese flat cabbage**

Brassica rapa subsp. *narinosa* (L.H. Bailey) Hanelt

- **Choisum,** see Flowering white cabbage,V L 0468

- **Collards**, see Kale, VL 0480

VL 0472 **Cress, Garden**

Lepidium sativum L.; *L. virginicum* L

VL 2774 **Cress, Upland**

Barbarea vulgaris W.T. Aiton; B. *Verna* (Mill.) Asch.

- **Curly Kale**, see Kale, curly

- **Field mustard greens**, See Rape greens, VL 0495

Brassica napus L. subsp. trilocularis (roxb.) Hanelt; *Brassica napus* L. subsp. *dichotoma* (Roxb.) Hanelt; *Brassica napus* L. subsp. *oleifera* Metzg.

- **Garden cress**, see Cress, Garden, VL 0472

VL 0468 **Flowering white cabbage**

Brassica rapa L. subsp. *chinensis* (L.) Hanelt var. *parachinensis*

VL 2775 **Hanover salad**

Brassica napus var, pabularia (DC.) Rchb

- **Indian mustard,** See Mustard greens, VL 0485

Brassica juncea (L.) Czern.

VL 0480 **Kale**

(including among others: Collards, Curly kale, Scotch kale, Thousand-headed kale, Branching bush kale, Jersey kale; not including Marrow-stem kale, no. AV 1052, see Group 052: Miscellaneous fodder and forage crops, page 108)

Brassica oleracea L., var. *sabelica* L.

- **Kale, branching bush**, See Kale, VL 0480

Brassica oleracea L., var. *ramosa* DC. L

- **Kale, curly**, see Kale, VL 0480

Brassica oleracea L., convar. *acephala* (D. C.) Alef., var. *sabellica* L.

- **Kale, Jersey,** See Kale, VL 0480

Brassica oleracea L., var. palmifolia DC.

VL 0405 **Kohlrabi leaves**

Brassica oleracea L var. *gongylodes* L.

VL	**Komatsuna,**
	Brassica rapa L. var. *perviridis* L.H. Bailey
-	**Land cress,** See Cress, Upland, VL 2774
	B. *Verna* (Mill.) Asch.
-	**Leaf mustard**, See Mustard greens, VL 0485
	Brassica juncea (L.) Czern subsp. *integrifolia* (H. West) Thell.
VL 2776	**Maca**
	Lepidium meyenii Walp.
VL 0481	**Mizuna**
	Brassica rapa L. subsp. *nipposinica* (L.H. Bailey) Hanelt
VL 0485	**Mustard greens**
	Brassica juncea (L.) Czern
-	**Mustard, Indian**, see Indian Mustard
-	**Mustard spinach**, see Komatsuna
VL 2777	**Mustard, tuberous rooted, Chinese**
	Brassica juncea (L.) Czern. *Subsp. napiformis* (Pailleux & Bois)
-	**Namenia**, see Turnip greens, VL 0506
-	**Oil radish greens**, See Radish leaves, VL 0494
	Raphanus sativus L var. *oleiformis* Pers.
-	**Pak-choi or Paksoi**, See Chinese cabbage (type Pak-choi), VL 0466
-	**Pak-tsai**, see Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas, Group 010
-	**Pak-tsoi or Pak-soi**, see Pak-choi or Paksoi
-	**Peppergrass**, See Cress, garden, VL 0472
	Lepidium virginicum L
VL 2778	**Purple-stem mustard**
	Brassica rapa subsp. *chinensis* (L.) Hanelt var. *purpuraria* (L.H. Bailey) Hanelt
VL 0494	**Radish leaves** (including Radish tops)
	Raphanus sativus L., several varieties
VL 0495	**Rape greens**
	Brassica napus L.
-	**Rat-tail radish greens**, See Radish leaves, VL 0494
	Raphanus sativus L var. *mougri* H.J.W. Helm
-	**Rocket salad**, see Rucola, VL 0496
-	**Roquette**, see Rucola, VL 0496
VL 0496	**Rucola**
	Eruca sativa Mill.
VL 0497	**Rutabaga greens**
	Brassica napus L., var. *napobrassica* (L.) Rchb.

VL 2779 **Shepherd's purse**

Capsella bursa-pastoris (L.) medik

- **Tendergreen**, see Turnip greens, VL 0506

- **Tsai shim**, see Choisum

- **Tsoi sum**, see Choisum

VL 0506 **Turnip greens**

Brassica rapa L.subsp. *rapa;*

VL 2780 **Wild rocket**

Diplotaxis tenuifolia (L.) Rchb

Group 013C Leaves of root and tuber vegetables

Code No. Commodity

VL 2052 **Leaves of root and tuber vegetables**

(Includes all commodities in this subgroup)

VL 2790 **Alexanders leaves**

Smyrnium olusatrum L.

[VL … **Bambara groundnut leaves**

Voandzeia subterranean (L.) Verdc.]

- **Beet leaves**, see Chard, VL 0464

VL 2791 **Bell flower, Chinese leaves**

Platycodon grandiflorus (Jacq.) A. DC.

- **Blue ape leaves**, See Tannia leaves, VL 0504

Xanthosoma violaceum Schott

VL 0463 **Cassava leaves**

Manihot esculenta Crantz

- **Chinese yam,** See Yam leaves, VL 2796

Dioscorea polystachya Turcz.

- Greater yam, See Yam leaves, VL 2796

Dioscorea alata L.

- **Lesser yam,** See Yam leaves, VL 2796

Dioscorea esculenta (Lour.) Burkill

- **Mapuey,** See Yam leaves, VL 2796

Dioscorea trifida L.f.

[VL … **Peanut leaves,**

Arachis hypogaea L]

VL 2793 **Rampion leaves**

Campanula rapunculus L.

VL 0498 **Salsify leaves**

Tragopogon porrifolium L.; *Scorzonera hispanica* L.

VL 0508 **Sweet potato, leaves**

Ipomoea batatas (L.) Lam.

VL 0504 **Tannia leaves**

Xanthosoma sagittifolium (L.) Schott;

Syn: *X. edule* (Mey) Schott; *X. xanthorrhizon* (Jacq.);

C. Koch; *Arum sagittaefolium* L.

VL 0505 **Taro leaves**

Colocasia esculenta (L.) Schott

VL 2794 **Ullucu leaves**

Ullucus tuberosus Caldas

VL 2795 **Velvet plant leaves**

Gynura bicolor (Roxb. ex Willd.) DC.

[VL … **Wasabi leaves**

Wasabia japonica Matsum.*; Eutrema japonica*]

- **White yam,** See Yam leaves, VL 2796

Dioscorea rotundata Poir.

VL 2796 **Yam leaves**

Dioscorea spp.

- **Yellow yam,** See Yam leaves, VL 2796

Dioscorea cayenensis Lam.

Group 013D Leaves of trees, shrubs and vines

Code No. Commodity

VL 2053 **Leaves of trees, shrubs and vines**

(Includes all commodities in this subgroup)

VL .. **Ben moringa leaves**

Moringa oleifera Lam.

VL 0269 **Grape leaves**

Vitis vinifera L.

VL 0517 **Melientha**

Melientha suavis Pierre

VL .. **Monkey-bread tree leaves**

Adansonia digitata L.

VL 0337 **Papaya leaves**

Carica papaya L.

VL ... **Toona sinensis**

Cedrela sinensis (A. Juss.) M. Roem.

Group 013E Leafy aquatic vegetables

Code No. Commodity

VL 2054 **Leafy aquatic vegetables**

(Includes all commodities in this subgroup)

VL 0507 **Kangkung**

Ipomoea aquatica Forssk.;

- **Sun-chae,** see Water shield, VL 2820

[VL 0473 **Watercress**

Nasturtium officinale W.T Aiton]

VL …. **Water clover**

Marsilea crenata L. Presl.

- **Water convolvulus**, see Kangkung, VL 0507

VL 0518 **Water mimosa**

Neptunia Oleracea Lour.

VL 2820 **Water shield**

Brasenia schreberi J.F. Gmel.

- **Water spinach**, see Kangkung, VL 0507

[Group 013F Witloof

Code No. Commodity

VL 0469 **Witloof chicory (sprouts)**

Cichorium intybus L., var. *foliosum* Hegi; green, red and white cultivars]

[Group 013G Leaves of Cucurbitaceae

Code No. Commodity

VL 0421 **Balsam pear leaves**

Momordia charantia L.

VL 0423 **Chayote leaves**

Sechium edule (Jacq.) Sw.]

Stalk and stem vegetables

Class A

Type 2 Vegetables Group 017 Group Letter Code VS

Group 017. Stalk and stem vegetables are the edible stalks, leaf stems or immature shoots, from a variety of annual or perennial plants. Although not actually belonging to this group, globe artichoke (the immature flowerhead) of the family Compositae is included in this group.

Depending upon the part of the crop used for consumption and the growing practices, stalk and stem vegetables are exposed, in varying degrees to pesticides applied during the growing season.

Stalk and stem vegetables may be consumed in whole or in part and in the form of fresh, dried or processed foods.

Commodities in this group are grouped in 3 subgroups:

17A Stalk and stem vegetables - Stems and Petioles subgroup

17B Stalk and stem vegetables - Young shoots subgroup

17C Stalk and stem vegetables – Others

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as marketed a fter removal of obviously dec omposed or withered leaves. Rhubarb, leaf stems only: globe artichok e, flower head only, celery and asparagus, remove adhering soil.**

Code No. Com modity

VS 0078 **Stalk and stem vegetables**

Group 017A Stalk and stem vegetables - Stems and Petioles

Code No. Com modity

VS 2080 **Stems and petioles**

(Includes all commodities in this subgroup)

VS 3020 **Burdock, edible tops**

Articum lappa L.

VS 0623 **Cardoon**

Cynara cardunculus L.

VS 0624 **Celery**

Apium graveolens L., var. *dulce*

- **Celery leaves**, see Group 027: Herbs

VS 0625 **Celtuce**

Lactuca sativa L., var. *angustina* Irish;

Syn: *L. sativa* L., var. *asparagina* Bailey

VS 0380 **Fennel, Bulb**

Foeniculum vulgare Mill. subsp. *vulgare* var. *azoricum* (Mill.) Thell-

- **Fennel, Florance**, see Fennel, bulb, VS 0380

[VS… **Flowering stalk of Garlic**

Allium sativum L.]

VS 3021 **Giant butterbur**

Petasites japonicus (Siebold & Zucc.) Maxim

- **Fuki,** See Giant butterbur, VS 3021

VS 0627 **Rhubarb**

Rheum x hybridum Murray

VS 3022 **Zuiki**

Colocasia gigantea (Blume) Hook. f.

Group 017B Stalk and stem vegetables - Young shoots

Code No. Com modity

VS 2081 **Young shoots**

(Includes all commodities in this subgroup)

VS .. **Acacia shoots**

Acacia pennata (L.) Willd.]

VS 3025 **Agave**

Agave spp.

VS 0621 **Asparagus**

Asparagus officinalis L.

VS 0622 **Bamboo shoots**

Arundinaria spp.; *Bambusa* spp. including *B. blumeana; B. multiplex; B. oldhamii; B. textilis; Chimonobambusa* spp.; *Dendrocalamus* spp., including *D. asper*; *D. beecheyana*; *D. brandisii*; *D. giganteus*; *D. laetiflorus* and *D. strictus; Gigantochloa* spp. including *G. albociliata*; *G. atter; G. levis; G. robusta; Nastus elatus; Phyllostachys* spp.; *Thyrsostachys siamensis; Thyrsostachys oliverii* (Poaceae (alt. Gramineae))

VS 3026 **Ferns, edible**

Including: Black lady fern**,** *Deparia japonica* (Thunb.) M. Kato**;** Bracken fern, *Pteridium aquilinum* (L.) Kuhn; Broad buckler fern, *Dryopteris dilatata* (Hoffm.) A. Gray; Cinnamon fern, *Osmundastrum cinnamomeum* (L.) C.Presl; Lady fern, *Athyrium filix-femina* (L.) Roth ex Mert.; Leather fern, *Acrostichum aureum* L.; Mother fern, *Diplazium proliferum* (Lam.) Thouars; Ostrich fern, *Matteuccia struthiopteris* (L.) Tod.; Vegetable fern, *Diplazium esculentum* (Retz.) Sw.; Zenmai fern, *Osmunda japonica* Thunb.

VS 0499 **Kale, sea**

Crambe maritima L.

VS 3027 **Udo**

Aralia cordata Thunb.

Group 017C Stalk and stem vegetables - Others

Code No. Commodity

VS 0620 **Artichoke, globe**

Cynara scolymus L.

VS 0626 **Palm hearts**

various species including: Peach Palm, *Bactris gasipaes* Kunth; Palmyra palm, *Borassus flabellifera* L.; African fan palm, *Borassus aethiopum* Mart.; Coconut, *Cocos nucifera* L.; Cabbage palm, *Euterpe oleracea* Mart.; Wine palm, *Raphia* spp.; Royal palm, *Roystonea oleracea* (Jacq.) O.F. Cook; Salak palm, *Salacca zalacca* (Gaertn.) Voss; Saw palmetto, *Serenoa repens* (W. Bartram) Small; Cabbage palmetto, *Sabal palmetto* (Walter) Schult. & Schult. f., (Arecaceae (alt. Palmae))

VS 0356 **Prickly pear pads**

Opuntia ficus-indica (L.) Mill.

VS 3031 **Water-celery**

Oenanthe javanica (Blume) de Candolle

APPENDIX XI

DRAFT PRINCIPLES AND GUIDANCE ON THE SELECTION OF REPRESENTATIVE COMMODITIES FOR THE EXTRAPOLATION OF MAXIMUM RESIDUE LIMITS FOR PESTICIDES TO COMMODITY GROUPS

(At Step 8)

INTRODUCTION

Residue extrapolation is the process by which the residue levels on representative commodities are utilized to estimate residue levels on related commodities in the same commodity group or subgroup for which trials have not been conducted. Representative commodities are chosen based on their commercial importance and the similarity of their morphology and residue characteristics to other related commodities in the group or subgroup. Ideally representative commodities are the most economically important commodities in production and/or consumption in a group or subgroup and have a greater dietary burden and have residue characteristics similar to other members of the group or subgroup. Residue extrapolation is a common consideration utilised by regulators internationally for ensuring that data requirements are only at a level that is scientifically justified in conducting risk assessment and to ensure the regulatory process does not become unnecessarily burdensome especially for minor crops.

The objective of this document is to (1) propose criteria for the selection of representative commodities; (2) propose example representative commodities and (3) provide a detailed justification for the selection of the representative commodities.

GENERAL PRINCIPLES

Representative commodities within each Codex Classification commodity group and subgroup will be selected and proposed, based on consideration of all available information. The following principles will be used for the selection of representative commodities:

- A representative commodity is most likely to contain the highest residues.
- A representative commodity is likely to be major in terms of production and/or consumption.
- A representative commodity is most likely similar in morphology, growth habit, pest problems and edible portion to the related commodities within a group or subgroup.

The application of the three principles in the selection of representative commodities is based on the assumption that all of the commodities, covered by the commodity group MRL, are produced following a similar[1] use pattern or GAP.

To facilitate the global use of the commodity groups for MRLs, alternative representative commodities may be selected giving flexibility for use of residue research conducted in different countries or regions that may vary due to regional differences in dietary consumption and/or areas of production for certain commodities.

> **Note**: Table 1 in this document is provided to (1) separate the selection of representative commodities from the Codex Classification itself; (2) propose examples of representative commodities in parallel with the respective Codex commodity grouping classification revisions; (3) provide flexibility on the selection of representative crops and (4) provide guidance not only to CCPR and CCPR members, but also to JMPR, product manufacturers and other data generators.

Detailed background information regarding production, consumption, MRLs and characteristics and justification for selection of the representative commodities according to the indicated principles were provided in working documents considered by the Committee when developing the representative commodities for each commodity group.

GUIDANCE AND PROCEDURES

As proposals for the revision of the Codex Classification are made and revised commodity groupings are developed and provided to the CCPR for their review, proposals on representative commodities will also be provided in parallel with the respective commodity grouping revisions and will advance through the CCPR step process for adoption by the CAC.

As comments are addressed on the revisions of the classification and the proposed representative commodities and these are approved by the CCPR and accepted by the CAC, two separate documents will be created and maintained: (1) the revised Codex Classification (without mention of representative commodities) and (2) principles and guidance on the selection of representative commodities.

The JMPR may be advised to use the representative commodities adopted by the CAC. However, JMPR may use other representative commodities (including those which may be specifically requested by member nations) on a case-by-case basis. The JMPR will be requested to provide to the CCPR justification for the use of any alternative representative commodities, based on all available data.

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[1] Submission and Evaluation of Pesticide Residues Data for the Estimation of Maximum Residue Levels in Food and Feed (Section 6.7, Point a), FAO Plant Production and Protection Paper 197, Food and Agriculture Organization of the United Nations, Rome, 2009 (Second Edition).

Alternative Representative Commodities

To facilitate the global use of the commodity groups for MRLs, alternative representative commodities may be selected giving flexibility for use of residue research conducted in different countries or regions that may vary due to regional differences in dietary consumption and/or areas of production for certain commodities. Table 1 in this document proposes examples of representative commodities for commodity groups. Depending on country or regional differences, alternative representative commodities may be proposed by a country. For example, leeks may be proposed as an alternative representative commodity for green onions in the green onion subgroup of Bulb Vegetables.

Precedence in Selection of Representative Commodities

In situations where a representative commodity does not meet all three of the above principles, a representative commodity should at least meet the first two principles (likely to contain the highest residues and also major in terms of production and/or consumption).

Selection of Representative Commodities

When representative commodities are utilised to extrapolate residue levels to other members of a commodity group, it is on the assumption that residues in other members of the commodity group will not be significantly different to residues found in the representative commodity. That is, the representative commodities are good indicators of the upper range of residues likely to be encountered for the group or subgroup, based on the same or comparable GAP and other available information.

An MRL for the group may be estimated from the highest residue level for any of the individual representative commodities or from the larger combined data set. The ALARA principle should be considered in terms of whether the larger residue data set should be combined and the potential impact of derived values used in the dietary risk assessment.

Wider Extrapolations

A representative commodity should meet at least the first two principles described above, i.e. likely to contain the highest residues and also major in terms of production and/or consumption. However, it may not always fit well with the growth habits, or pest problems of morphology within one group or subgroup. In such situations, extrapolations beyond the members of a commodity group may be appropriate. These can be considered on a case-by-case basis when commodities (with similar GAPs) have similar size, shape and surface area. Examples of these possible wider extrapolations include (1) translation of certain stone or pome fruit MRLs to a tropical fruit; (2) where residues are all <LOQ for pre-emergent herbicide uses and (3) seed treatments for non systemic pesticides.

Table 1. Examples of the Selection of Representative Commodities, Type 01 Fruits

Codex Group / Subgroup	Examples of Representative Commodities [2]	Extrapolation to the following commodities
Group 001 Citrus Fruits	Lemon or Lime; Mandarin; Orange and Pummelo or Grapefruit	Citrus Fruit (FC 0001): Australian blood lime; Australian desert lime; Australian round lime; Brown River finger-lime; Calamondin; Citron; Clementine; Grapefruit; Kaffir Lime; Kumquats; Lemon; Lime; Lime, Sweet; Limequats; Mandarin; Mount White-lime; New guinea wild lime; Orange Sour; Orange, Sweet; Pummelo; Russell River-lime; Tahiti Lime; Trifoliate orange; Unshu orange; Yuzu.
Subgroup 001A, Lemons and Limes	Lemon or Lime	Lemons and Limes (FC 0002): Australina blood lime; Australian desert lime; Australian round lime; Brown River finger-lime; Citron; Kaffir Lime; Kumquats; Lemon; Lime; Lime, Sweet; Limequats; Mount White-lime; New guinea wild lime; Russell River-lime; Tahiti Lime; Yuzu.
Subgroup 001B, Mandarin	Mandarin	Mandarins (FC 003): Calamondin; Clementine; Mandarin; Unshu orange.
Subgroup 001C, Oranges, Sweet, Sour	Orange	Oranges, Sweet, Sour (FC 004): Orange Sour; Orange, Sweet; Trifoliate orange.
Subgroup 001D, Pummelos	Pummelo or Grapefruit	Pummelos and Grapefruit (FC 005): Grapefruit; Pummelo.
Group 002 Pome Fruits	Apple or Pear	Pome Fruit (FP 0009): Apple; Azarole; Chinese quince; Crab-apple; Loquat; Mayhaw; Medlar; Nashi pear; Pear; Persimmon, Japanese; Quince; Tejocote; Wild pear.
Group 003 Stone Fruits	Cherry, Sweet or Cherry, Sour; Plum or Prune Plum or Peach or Apricot	Stone fruits (FS 0012): Apricot; Bullace; Cherry, black; Cherry, Nanking; Cherry plum; Cherry Sour; Cherry, Sweet; Choke cherry; Japanese apricot; Jujube, Chinese; Klamath plum; Nectarine; Peach; Plum; Plum, beach; Plum, Chickasaw; Plumcot; Sloe.
Subgroup 003A, Cherries	Cherry, Sweet or Cherry, Sour	Cherries (FS 0013): Cherry, black; Cherry, Nanking; Cherry Sour; Cherry, Sweet; Choke cherry
Subgroup 003B, Plums	Plum or Prune Plum	Plums (FS 0014): Bullace; Cherry plum; Jujube, Chinese; Klamath plum; Plum, Plum, beach; Plum, Chickasaw; Plumcot; Sloe.
Subgroup 003C, Peaches	Peach or Apricot	Peaches (FS 2001): Apricot; Japanese apricot; Nectarine; Peach.
Group 004 Berries and other small fruits	Blackberry or Raspberry; Blueberry or Currants, black, red or white; Elderberry; Grape and Strawberry	Berries and other small fruits (FB 0018): Agritos; Amur river grape; Arguta kiwifruit; Aronia berries; Bayberries; Bearberry; Bilberry; Bilberry, Bog; Bilberry, Red; Blackberries; Blueberries; Buffaloberry; Buffalo currant; Che; Chilean guava; Cloudberry; Cranberry; Currants, Black, Red, White; Dewberries; Elderberries; European barberry; Guelder rose; Gooseberry; Grapes; Huckleberries; Jostaberries; Juneberries; Mulberries; Muntries; Native currant; Partridge berry; Phalsa; Raspberries, Red, Black; Riberries; Rose hips; Salal; Schisandraberry; Sea buckthorn; Service berries; Silverberry, Russian; Strawberry; Strawberries, Wild; Table grapes; Vaccinium berries; Wine grapes.

[2] Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production.

Codex Group / Subgroup	Examples of Representative Commodities [2]	Extrapolation to the following commodities
Subgroup 004A, Cane berries	Blackberry or Raspberry	Cane berries (FB 2005): Blackberries; Dewberries; Raspberries, Red, Black.
Subgroup 004B, Bush berries	Blueberry or Currants, black, red or white	Bush berries (FB 2006): Vaccinium berries; Blueberries; Agritos; Aronia berries; Bearberry; Bilberry; Bilberry, Bog; Bilberry, Red; Buffalo currant; Chilean guava; Currants, Black, Red, White; Gooseberry; European barberry; Huckleberries; Jostaberries; Juneberries; Native currant; Riberries; Rose hips; Salal; Sea buckthorn.
Subgroup 004C, Large shrub/tree berries	Elderberry	Large shrub/tree berries (FB 2007): Bayberries; Buffaloberry; Che; Elderberries; Guelder rose; Mulberries; Phalsa; Service berries; Silverberry, Russian.
Subgroup 004D, Small fruit vine climbing	Grapes	Small fruit vine climbing (FB 2008): Arguta kiwifruit; Amur river grape; Grapes; Schisandraberry; Table grapes; Wine grapes.
Subgroup 004E, Low growing berries	Strawberry	Low growing berries (FB 2009): Cranberry; Cloudberry; Muntries; Partridge berry; Strawberry; Strawberries, Wild.
Group 005 Assorted tropical and sub-tropical fruits – edible peel	Olive; Fig or Guava and Date	Assorted tropical and sub-tropical fruits – edible peel (FT 0026): Açaí; African plum; Almondette; Ambarella; Apak palm; Apple berry; Arazá; Arbutus berry; Babaco; Bacaba palm; Bacaba-de-leque; Barbados cherry; Bayberry, Red; Bignay; Bilimbi; Breadnut; Cabeluda; Cajou (pseudofruit); Cambucá; Carambola; Carandas-plum; Carob; Cashew apple; Ceylon iron wood; Ceylon olive; Cherry-of-the-Rio-Grande; Chinese olive, Black, White; Chirauli-nut; Ciruela verde; Coco plum; Date; Davidson's plum; Desert date; Doum or Dum palm; False sandalwood; Fig; Fragant Manjack; Gooseberry, Abyssinian; Gooseberry, Ceylon; Gooseberry, Indian; Governor's plum; Grumichama; Guabiroba; Guava; Guava, Brazilian; Guava, Cattley, Guava, Costa Rican; Guava, Para; Guava berry; Guayabillo; Hog plum; Illawarra plum; Imbé; Imbu; Jaboticaba; Jamaica cherry; Jambolan; Java apple; Jelly palm; Jujube, Indian; Kaffir plum; Kakadu plum; Kapundung; Karanda; Kwai muk; Lemon aspen; Mangaba; Marian plum; Mombin, Malayan; Mombin, purple; Monkeyfruit; Monos plum; Mountain cherry; Nance; Natal plum; Noni; Otaheite gooseberry; Papaya, Mountain; Patauá; Peach Palm; Persimmon, Black; Pitomba; Pomerac; Rambai; Rose apple; Rumberry; Sea grape; Sentul; Sete-capotes; Silver aspen; Surinam cherry; Table olives; Uvalha; Water apple; Water berry; Water pear.
Subgroup 005A, Assorted tropical and sub-tropical, Edible Peel – Small	Olives	Edible Peel - Small (FT 2011): African plum; Almondette; Apple berry; Arbutus berry; Barbados cherry; Bayberry, Red; Bignay; Breadnut; Cabeluda; Carandas-plum; Ceylon iron wood; Ceylon olive; Cherry-of-the-Rio-Grande; Chinese olive, Black, White; Chirauli-nut; Coco plum; Desert date; False sandalwood; Fragant Manjack; Gooseberry, Abyssinian; Gooseberry, Ceylon;; Governor's plum; Grumichama; Guabiroba; Guava berry; Hog plum; Illawarra plum; Jamaica cherry; Jambolan; Java apple; Kaffir plum; Kakadu plum; Karanda; Kapundung; Lemon aspen; Monos plum; Mountain cherry;; Otaheite gooseberry; Persimmon, Black; Pitomba; Rumberry; Sea grape; Sete-capotes; Silver aspen; Table olives; Water apple; Water berry; Water pear.

Codex Group / Subgroup	Examples of Representative Commodities [2]	Extrapolation to the following commodities
Subgroup 005B, Assorted tropical and sub-tropical, Edible Peel – Large	Fig or Guava	Edible Peel - Large (FT 2012): Ambarella; Arazá; Babaco; Bilimbi; Cajou (pseudofruit); Cambucá; Carambola; Carob; Cashew apple; Ciruela verde; Davidson's plum; Fig; Gooseberry, Indian; Guava; Guava, Brazilian; Guava, Cattley, Guava, Costa Rican; Guava, Para; Guayabillo; Imbé; Imbu; Jaboticaba; Jujube, Indian; Kwai muk; Mangaba; Marian plum; Mombin, Malayan; Mombin, purple; Monkeyfruit; Nance; Natal plum; Noni; Papaya, Mountain; Pomerac; Rambai; Rose apple; Sentul; Surinam cherry; Uvalha.
Subgroup 005C, Assorted tropical and sub-tropical, Edible Peel – Palms	Date	Edible Peel - Palms (FT 2013): Açaí; Apak palm; Bacaba palm; Bacaba-de-leque; Date; Doum or Dum palm; Jelly palm; Patauá; Peach Palm.
Group 006 Assorted tropical and sub-tropical fruits – inedible peel	Litchi (lychee) or Longans or Spanish Lime; Avocado; Pomegranate or Mango; Banana and Papaya; Atemoya; Pineapple; Dragonfruit; Prickly pear; Kiwifruit or Passionfruit and Muriti or Palmyra Palm	Assorted tropical and sub-tropical fruits – inedible peel (FI 0030): Abiu; Aisen; Akee apple; Atemoya; Avocado; Bacuri; Bael fruit; Banana; Binjai; Biriba; Breadfruit; Burmese grape; Cacao (pulp); Canistel; Capuacú; Champedak; Cherimoya; Coconut, young; Custard apple; Durian; Elephant apple; Etambe; Feijoa; Granadilla; Granadilla, Giant; Guriri; Ilama; Ingá; Jackfruit; Jatobá; Kei apple; Kiwifruit; Kokam; Langsat; Lanjut; Longan; Lucuma; Litchi (lychee); Mabolo; Madras-thorn; Mammy apple; Manduro; Mango; Mango, horse; Mango, Saipan; Mangosteen; Marang; Marmalade-box; Matisia; Mesquite; Mongongo; Monkey-bread tree; Monstera; Muriti; Naranjilla; Paho; Palmyra palm; Papaya; Passionflower, Winged-stem; Passion fruit; Passion fruit, banana; Pawpaw; Pawpaw, small flower; Pelipisan; Pequi; Persimmon, American; Pineapple; Pitaya; Pomegranate; Poshte; Prickly pear, Pulasan; Quandong; Rambutan; Saguaro; Salak; Sapodilla; Sapote, black; Sapote, green; Sapote, Mammey; Sapote, white; Sataw; Satinleaf; Screwpine; Sierra Leone-tamarind; Soncoya; Soursop; Spanish lime; Star apple; Sugar apple; Sun sapote; Tamarillo; Tamarind (sweet varieties); Tamarind-of-the-Indies; Velvet tamarind; Wampi; White star apple; Wild loquat.
Subgroup 006A, Assorted tropical and sub-tropical, Inedible Peel, Small	Litchi (lychee) or Longans or Spanish Lime	Inedible Peel - Small (FI 2021): Aisen; Bael fruit; Burmese grape; Ingá; Litchi; Longan: Madras-thorn; Manduro; Matisia; Mesquite; Mongongo; Pawpaw, small flower; Satinleaf; Sierra Leone-tamarind; Spanish lime; Tamarind (sweet varieties); Velvet tamarind; Wampi; White star apple.
Subgroup 006B, Assorted tropical and sub-tropical, Inedible Smooth Peel - Large	Avocado; Pomegranate or Mango; Banana and Papaya	Inedible Smooth Peel - Large (FI 2022): Abiu; Akee apple; Avocado; Bacuri; Banana; Binjai; Cacao (pulp); Canistel; Capuacú; Etambe; Feijoa; Jatobá; Kei apple; Kokam; Langsat; Lanjut; Lucuma; Mabolo; Mango; Mango, horse; Mango, Saipan; Mangosteen; Naranjilla; Paho; Papaya; Pawpaw; Pelipisan; Pequi; Persimmon, American; Pomegranate; Quandong; Sapote, black; Sapote, green; Sapote, white; Sataw; Star apple; Tamarillo; Tamarind-of-the-Indies; Wild loquat.

Codex Group / Subgroup	Examples of Representative Commodities [2]	Extrapolation to the following commodities
Subgroup 006C, Assorted tropical and sub-tropical, Inedible, Rough or Hairy Peel - Large	Atemoya and Pineapple	Inedible rough or hairy peel - Large (FI 2023): Atemoya; Biriba; Breadfruit; Champedak; Cherimoya; Custard apple; Durian; Elephant apple; Ilama; Jackfruit; Mammy apple; Marang; Marmalade-box; Monkey-bread tree; Pineapple; Poshte; Pulasan; Rambutan; Sapodilla; Sapote, Mammey; Screwpine; Soncoya; Soursop; Sugar apple; Sun sapote.
Subgroup 006D, Assorted tropical and sub-tropical, Inedible Peel - Cactus	Pitaya and Prickly pear	Inedible Peel - Cactus (FI 2024): Pitaya; Prickly pear; Saguaro.
Subgroup 006E, Assorted tropical and sub-tropical, Inedible Peel - Vines	Kiwifruit or Passionfruit	Inedible Peel - Vines (FI 2025): Granadilla; Granadilla, Giant; Kiwifruit; Monstera; Passionflower, Winged-stem; Passionfruit; Passionfruit, banana.
Subgroup 006F, Assorted tropical and sub-tropical, Inedible Peel - Palms	Muriti or Palmyra Palm	Inedible Peel - Palms (FI 2026): Coconut, young; Guriri; Muriti; Palmyra Palm; Salak.

APPENDIX XII

PROPOSED DRAFT TABLE 2 –
EXAMPLES OF THE SELECTION OF REPRESENTATIVE COMMODITIES: VEGETABLE COMMODITY GROUPS
(DRAFT PRINCIPLES AND GUIDANCE ON THE SELECTION OF REPRESENTATIVE COMMODITIES FOR THE EXTRAPOLATION OF MASIMUM RESIDUE LIMITS FOR PESTICIDES TO COMMODITY GROUPS)

(At Step 3)

Codex Group / Subgroup	Examples of Representative Commodities[1]	Extrapolation to the following commodities
Group 009 Bulb vegetables	(1) Bulb onion and (2) Spring Onion	Bulb vegetables (VA 0035): Chives; Chives, Chinese; Daylilly; Elegans hosta; Fritillaria (bulb); Fritillaria (green); Garlic; Garlic chives; Garlic, Great-headed; Garlic, Serpent; Kurrat; Lady's leek; Leek; Lily; Onion, Beltsville bunching; Onion, Bulb; Onion, Chinese; Onion, fresh; Onion macrostem; Onion, Pearl; Onion, potato; Onion, Welsh; Shallot; Silverskin onion; Spring onion; Tree onion; Wild leek.
Subgroup 009A, Bulb Onions	Bulb onion	Bulb Onions (VA 2031): Daylilly; Fritillaria (bulb); Garlic; Garlic, Great-headed; Garlic, Serpent; Lily; Onion, Bulb; Onion, Chinese; Shallot; Silverskin onion.
Subgroup 009B, Green Onions	Spring onion (Leek may be an alternative)	Green Onions (VA 2032): Chives; Chives, Chinese; Elegans hosta; Fritillaria (green); Garlic chives; Kurrat; Lady's leek; Leek; Onion, Beltsville bunching; Onion, fresh; Onion macrostem; Onion, Pearl; Onion, potato; Onion, Welsh; Spring onion; Tree onion; Wild leek.
Group 010 Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead cabbages	Broccoli and/or Cauliflower and Cabbage and Brussel sprouts and Kohlrabi	Brassica (cole or cabbage) vegetables, Flowerhead cabbages (VB0040): Broccoli; Brussels sprouts; Cabbage, Head; Cabbage, Chinese (napa); Cabbage Savoy; Cauliflower; Flowering Chinese cabbage; Kohlrabi; Stem mustard.
Group 010A, Flowerhead Brassicas	Broccoli and/or Cauliflower	Flowerhead Brassicas (VB 0042): Broccoli; Cauliflower.
Group 010B, Head brassicas	Cabbage and Brussels sprouts	Head brassicas (VB 2036): Cabbages, head; Brussels sprouts; Cabbage Savoy; Chinese cabbage (napa).
Group 010C, Stem brassicas	Kohlrabi	Flowering Chinese cabbage; Kohlrabi; Stem mustard.

[1] Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production.

Codex Group / Subgroup	Examples of Representative Commodities[1]	Extrapolation to the following commodities
Group 011 Fruiting vegetables, Cucurbits		
Group 012 Fruiting vegetables, other than Cucurbits	(1) Tomato and (2) Sweet Pepper and (3) Chili Pepper or small variety of Eggplant	Fruiting vegetables, other than Cucurbits (VO 0050): African eggplant; Bush tomato; Cherry tomato; Cocona; Currant tomato; Eggplant; Garden huckleberry; Goji berry; Ground cherries, Martynia; Okra; Pea eggplant; Pepino; Peppers, chilli; Peppers, sweet; Roselle; Scarlet eggplant; Sunberry; Tomatillo; Tomato; Thai eggplant.
Group 12A, Tomatoes	Tomato	Tomatoes (VO 2045): Bush tomato; Cherry tomato; Cocona; Currant tomato; Garden huckleberry; Goji berry; Ground cherries; Sunberry; Tomatillo; Tomato.
Group 12B, Peppers	(1) Sweet Pepper and (2) one cultivar of chilli pepper	Peppers (VO 0051): Martynia; Okra; Peppers, chilli; Peppers, sweet; Roselle.
Group 12C, Eggplants	(1) One cultivar of large variety eggplant and (2) one cultivar of small variety eggplant	Eggplants (VO 2046): African eggplant; Eggplant; Pea eggplant; Pepino; Scarlet eggplant; Thai eggplant.
Group 013 Leafy vegetables (including Brassica leafy vegetables)		Leafy vegetables (including Brassica leafy vegetables) (VL 0053): Agretti; Alexanders leaves; Amaranth; Aster, Indian; Balsam pear leaves; Bell flower, Ben moringa leaves; Chinese leaves; Bambara groundnut leaves; Bitawiri; Blackjack; Boxthorn; Broccoli, Chinese; Broccoli raab; Cabbage, Abyssinian; Cabbage. Seakale; Cassava leaves; Cat's Wiskers; Cham-chwi; Cham-na-mul; Chard; Chayote leaves; Chervil; Chicoly leaves; Chinese cabbage (type Pak-choi); Chiness flat cabage; Chipilin; Cress, garden; Cress, Upland; Chrysanthum, Edible leaved; Corn salad; Cos lettuce; Cosmos; Dandelion; Dock; Dol-nam-mul; Ebolo; Endive; Fame flower; Feather cockscomb; Flowering white cabbage; Glasswort, common; Goosefoot; Grape leaves; Hanover salad; Iceplant; Jute; Kangkung; Kale; Kohlrabi leaves; Komatsuna; Lettuce, bitter; Lettuce, head; Lettuce; leaf; Maca; Melientha; Mizuna; Monkey-bread tree leaves; Mustard, greens; Mustards, tuberous rooted; New Zealand spinach; Orach; Papaya leaves; Peanut leaves; Perilla leaves; Plantain leaves; Purple-stem mustard; Purslane; Purslane, winter; Radish leaves; Rampion leaves; Rape greens; Rucola; Rutabage greens; San-ma-neul leaves; Salsify leaves; Shepherd's purse; Sowthistle; Spinach; Spinach. Indian; Sweet potato leaves; Tanier spinach; Tannia leaves; Taro leaves; Toona sinensis; Turnip greens; Ullucu leaves; Velvet plant leaves; Witloof chicory (sprouts); Violet, Chinese; Wasabi leaves; Watercress; Water clover; Water mimosa; Wild Rocket; Yam leaves.

Codex Group / Subgroup	Examples of Representative Commodities[1]	Extrapolation to the following commodities
Group 013A, Leafy greens	Head lettuce and Leaf lettuce and Spinach	Leafy greens (VL 2050): Agretti; Amaranth; Aster, Indian; Bitawiri; Blackjack; Boxthorn; Cat's Wiskers;Cham-chwi; Cham-na-mul; Cham-ssuk; Chard; Chervil; Chicoly leaves; Chipilin; Chrysanthum, Edible leaved; Corn salad; Cos lettuce; Cosmos; Dandelion; Dang-gwi; Dock; Dol-nam-mul; Ebolo; Endive; Fame flower; Feather cockscomb; Glasswort, common; Gom-chwi; Goosefoot; Iceplant; Jute; Lettuce, bitter; Lettuce, head; Lettuce; leaf; New Zealand spinach; Orach; Perilla leaves; Plantain leaves; Purslane; Purslane, winter; San-ma-neul leaves; Sowthistle; Spinach; Spinach. Indian; Tanier spinach; Violet, Chinese.
Group 013B, Brassica leafy vegetables	Mustard greens or Kale	Brassica leafy vegetables (VL 0054): Broccoli, Chinese; Broccoli raab; Cabbage, Abyssinian; Cabbage. Seakale; Chinese cabbage (type Pak-choi); Chiness flat cabage; Cress, garden; Cress, Upland; Flowering white cabbage; Hanover salad; Kale; Kohlrabi leaves; Komatsuna; Maca; Mizuna; Mustard, greens; Mustards, tuberous rooted; Purple-stem mustard; Radish leaves; Rape greens; Rucola; Rutabage greens; Shepherd's purse; Turnip greens; Watercress; Wild Rocket.
Group 013C, Leaves of root and tuber vegetables	Beet, garden leaves or Witloof and Sweet potato	Leaves of root and tuber vegetables (VL 2052): Alexanders leaves; Bambara groundnut leaves; Bell flower, Chinese leaves; Cassava leaves; Peanut leaves; Rampion leaves; Salsify leaves; Sweet potato leaves; Tannia leaves; Taro leaves; Ullucu leaves; Velvet plant leaves; Wasabi leavesYam leaves.
Group 013D, Leaves of trees, shrubs and vines		Leaves of trees, shrubs and vines (VL 2053): Ben moringa leaves; Grape leaves; Melientha; Monkey-bread tree leaves; Papaya leaves; Toona sinensis.
Group 013E, Leafy aquatic vegetables		Leafy aquatic vegetables (VL 2054): Kangkung; Watercress; Water clover; Water mimosa.
Group 003F, Witloof		Witloof chicory (sprouts).
Group 013, Leaves of Cucurbitaceae		Balsam pear leaves; Chayote leaves.
Group 014 Legume vegetables		

Codex Group / Subgroup	Examples of Representative Commodities[1]	Extrapolation to the following commodities
Group 15 Pulses		
Group 16 Root and tuber vegetables		
Group 17 Stalk and stem vegetables		Stalk and stem vegetables (VS 0078): Acacia shoots; Agave; Artichoke, globe; Asparagus; Bamboo shoots; Burdock, edible, tops; Cardoon; Celery; Celtuce; Fennel, Bulb, Ferns, edible; Flowering stalk of Garlic; Giant butterbur; Palm hearts; Prickly pear pads; Rhubarb; Kale, sea; Udo; Water-celery; Zuiki.
Group 17A, Stems and petioles	Celery	Stems and petioles (VS 2081): Burdock, edible, tops?; Cardoon; Celery; Celtuce; Fennel, Bulb; Flowering stalk of Garlic; Giant butterbur; Rhubarb; Zuiki.
Group 17B,Young shoots	Asparagus	Young shoots (VS 2081): Acacia shoots; Agave; Asparagus; Bamboo shoots; Ferns, edible; Kale, sea; Udo.
Group 17C, Others		Artichoke, globe; Palm hearts; Prickly pear pads; Water-celery.

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APPENDIX XIII

CCPR PRIORITY LISTS OF PESTICIDES (NEW COMPOUNDS AND FOLLOW-UP EVALUATIONS)

2013 JMPR NEW COMPOUND EVALUATIONS				
TOXICOLOGY RESIDUE		**Prioritisation Criteria**	**Commodities Residue**	**trials provided**
bixafen [Bayer CropScience] Germany	Bixafen	Registered MRLs > LOQ	Cereal grains, rape seed, rape seed oil; meat from mammals and poultry, milk and eggs	Cereals (48), oilseed rape (22)
cyantraniliprole [DuPont] – USA PRIORITY 1	cyantraniliprole	Not registered 2012	pome fruit, stone fruit, brassica vegetables, cucurbit vegetables, fruiting vegetables, leafy vegetables, bulb vegetables, green/long beans, grape, potato, sweet potato, rice, cotton, canola, citrus, tree nuts	pome fruit (59+), stone fruit (51+), brassica vegetables (50+), cucurbit vegetables (146+), fruiting vegetables (192+), leafy vegetables (80+), bulb vegetables (85), green/long beans (18), grape (33), potato (46), rice (9), cotton (22+), canola (29), citrus (52), tree nuts (12)
imazapic BASF Brazil priority 1 – moved from 2012	Imazapic	Registered MRLs mostly at LOQ	Corn, peanut, rapeseed, rice, soybean, sugarcane, wheat, animal feedstuffs	Corn (6), grass (15), peanut (18), peanut hay (10), rapeseed (4), rice (8), soybean (15), sugarcane (8), wheat (6), wheat feedstuffs(14)
imazapyr BASF Brazil priority 1 – moved from 2012	Imazapyr	Registered MRLs mostly at LOQ	Corn, lentils, cereals (wheat, corn, rice), oilseeds (rapeseed, soybean, sunflower), rice, sugarcane	Corn (27), lentils (5), rapeseed (23), rice (4), Soybean (22), sugarcane (2), sunflower (33), wheat (8)
isoxaflutole [Bayer CropScience] Germany	Isoxaflutole	Registered MRLs mostly at LOQ	Maize, maize fodder and forage, soybean (dry), soybean oil, sugarcane, meat from mammals and poultry, milk and eggs	Maize (61), Soybean (31), sugarcane (25)

tolfenpyrad [Nihon Nohyaku] Japan	Tolfenpyrad	Registered in Japan, the Dominican Republic, Thailand, Taiwan, UAE, Indonesia, Saudi Arabia, China, Malaysia and Jordan	Almonds, pecans, grape (table), raisin, juice (if MRL not included under table grape), plum, peach, cherry, pear, lemon, grapefruits, oranges, cantaloupe, cucumbers, summer squash, peppers, tomatoes, cauliflower, potatoes, cotton seed, tea and corresponding animal commodity MRLs.	almond (5), pecan (5), grape (12), cherries (6), peach (9), plum (6), prune (2), pear (6), orange (12), grapefruit (6), lemon(5), cucumber (6), cantaloupe (6), squash (5), tomato (12), pepper (bell+chili) (6+3), cauliflower (6), potato (16), cottonseed (12), tea (4)
triflumizole [Nippon Soda] USA	Triflumizole	Registered MRLs > LOQ	Pome fruits, stone fruits, grape, star apple, American persimmon, mangoes, papaya, pineapple, strawberries, cucurbits, squash, melons, leafy brassica, head and stem brassica, kohlrabi, lettuce, cress, land cress, spinach, purslane, beet leaves, chervil parsley, hazelnuts, hops and animal commodities	Pome fruits (38, P5), stone fruits, grape (25, P14), papaya (4), pineapple (3), strawberries (8), cucumber (5), squash (5), melons (6), cabbage (9), mustard green (10), swiss chard (3), lettuce (17), broccoli (10), hops (3) and animal commodities (feeding goat, poultry) P = processing data
trinexapac – [Syngenta] - USA	Trinexapac	Registered MRLs > LOQ	Wheat, Barley, Oats, Sugarcane, Oilseed rape	Wheat (20), Barley (12), Sugarcane (8), Oilseed rape (18)
Benzovindiflupyr [Syngenta] – Switzerland **RESERVE**	Benzovindiflupyr	Not registered Registration expected in 2012	soybean, corn, sugarcane, cotton, dry beans	soybean (12), corn (11), sugarcane (12), cotton (11), dry beans (11)

2013 JMPR FOLLOW-UP EVALUATIONS			
TOXICOLOGY RESIDUE		**Commodities**	**Residue trials provided**
	azoxystrobin [Syngenta] USA (229)	Potato (USA), coffee, chickpea, lentil and dry pea, sugarcane Water melon, dragon fruit, pineapple (Indonesia)	Potato (5), coffee (8)), Dry Pea (2), Dry Bean (5), sugarcane (12)
	cyproconazole [Syngenta] (239)	Coffee (Brazil)	Coffee (10)
	cyprodinil (207) [Syngenta] USA (moved from 2012)	Pome fruit Spinach (+ lettuce to raise MRL?), Carrot, Radish, Chives, Parsley, *Brassica* leafy greens, Beans (Snap, Lima and Dry), Pepper (+ Fruiting Veg. Crop Group), Melons, Lemon, Lime, Basil, Avocado, Guava, Lychee, Pomegranate, Watercress, Caneberry, Strawberry, Blueberry, Kiwifruit	Apple and Pear (18), Spinach (11) (+ lettuce to raise MRL?, 14 trials), Carrot (10) + Radish (6), chives (3), parsley (4), Brassica leafy greens (7 brassica + 7 broc + 6 cab + 9 mg), Beans (Snap(8), Lima (8) and Dry(9)), Pepper (14+5GH) (+ Fruiting Veg. Crop Group), melons (Company data?), lemon (5) + lime, caneberry (5), blueberry (8), strawberry (8), basil (3), avocado (6), guava (5), lychee (3), pomegranate (4), watercress (2), kiwifruit (3) IR4

	chlorantraniliprole (230) [DuPont] - USA	Artichoke, globe Berries and other Small Fruits: blueberries, bearberries, bilberries, blackberries, boysenberries, cloudberries, cranberries, currants, dewberries, elderberries, gooseberries, grapes, huckleberries, juneberries, loganberries, mulberries, raspberries, rose hips, service berries and strawberries Coffee, Fruiting vegetables (other than cucurbits, except mushrooms and sweet corn) Legume vegetables - bean (*Phaseolus* spp.; podded and shelled); broad bean (*Vicia faba* spp; podded and shelled), bean (*Vigna* spp.; podded and shelled); jackbean; pea (*Pisum* spp.; podded and shelled); pigeon pea; soybean (immature seed); sword bean Oilseeds - borage, castor oil plant, Chinese tallowtree, cottonseed, crambe, cuphea, echium, euphorbia, evening primrose, flax seed, Gold of Pleasure, hare's-ear mustard, jojoba, lesquerella, lunaria, meadow foam, milkweed, mustard seed, Niger seed, oil radish, poppy seed, rapeseed (including canola), rose hip, safflower, sesame, stokes aster, sunflower, sweet rocket, tallowwood, tea oil plant, vernonia, Rice Root and tuber vegetables – Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; beet, garden; beet, sugar; burdock, edible; canna, edible; carrot; cassava, bitter and sweet; celeriac; chayote (root); chervil, turnip-rooted; chicory; chufa; dasheen (taro); ginger; ginseng; horseradish; leren; parsley, turnip-rooted; parsnip; potato; radish; radish, oriental (daikon); rutabaga; salsify (oyster plant); salsify, black; salsify, Spanish; skirret; sweet potato; tanier (cocoyam); turmeric; turnip; yam bean (jicama, manioc pea); yam, true, Soybean, dried	Artichokes (4), Blueberry (11), Carrots (18), coffee (8), Cranberry (6), Canola (6) and Sunflowers (6), succulent peas - Shelled (6); edible-podded (7), snap beans (9), green peas, processing peas, sugar snap peas, snow peas and beans (7), radishes (6), rice (27), dried soybean (16), Strawberries (8+8 [different GAP]), Fruiting Vegetables (20) No new data; planning to propose higher MRLs on fruiting vegetables Avocado (Dupont-NZ)

	difenoconazole (224) [Syngenta] USA,	Grape, raisin, citrus, *Brassica* (broccoli, Brussels sprouts, cabbage, etc.), bulb vegetables, fruiting vegetables (pepper), cucurbits, potato] Persimmon, ginseng (RoK)	**Cantaloupe, Cucumber and Summer Squash as Representative Commodities of Vegetable, Cucurbit, Group 9 (17), Tomato and Pepper as Representative Commodities of Vegetable, Fruiting, Group 8 (20), Onions, Green and Dry Bulb, as Representative Commodities of Vegetable, Bulb, Group 3 (11), Broccoli, Cabbage, and Mustard Greens, as Representative Commodities of Brassica (Cole) Leafy Vegetables, Subgroups 5A and 5B (17), Fruit, Citrus, Group 10 (23), Grapes (12), Potato (5)** Persimmon (6), ginseng
	fenbuconazole (197) [Dow AgroSciences]	blueberries; new GAP for citrus fruits	Blueberries (8); citrus fruits (30)
	fenpyroximate (193) [Nihon Nohyaku] - USA	Avocado, bean (snap), cucumber, potato, stone fruit (cherry, peach, plum), tea strawberry watermelon	Avocado (5), Bean, snap (8), Cucumber (9), Potato (16), Cherry (8), Peach (10), Plum (6), Strawberry (8) watermelon (bridge from residue data for cantaloupe[8])
	fludioxonil (211) [Syngenta] - USA	Ginseng, Spinach (+ lettuce to raise MRL?), Carrot, Radish, Chives, Parsley, *Brassica* leafy greens, Beans (Snap, Lima and Dry), Pepper (+ Fruiting Veg. Crop Group), Melons, Lemon, Lime, Basil, Avocado, Guava, Lychee, Pomegranate, Watercress, Caneberry, Strawberry, Blueberry, Kiwifruit Tomato, Potato, Pineapple Chickpea, Lentil	Ginseng (4), Spinach (11) (+ lettuce to raise MRL?, 14 trials), Carrot (10) + Radish (6), chives (3), parsley (4), Brassica leafy greens (7 brassica + 7 broc + 6 cab + 9 mg), Beans (Snap(8), Lima (8) and Dry(9)), Pepper (14+5GH) (+ Fruiting Veg. Crop Group), melons (Company data?), lemon (5) + lime, caneberry (5), blueberry (8), strawberry (8), basil (3), avocado (6), guava (5), lychee (3), pomegranate (4), watercress (2), kiwifruit (3) – IR4 Tomato (6), Potato (5), Pineapple (4) Chickpea (9), Lentils (5),
	flutolanil (205) [Nihon Nohyaku]	leafy brassica, root vegetables, ginseng	Broccoli (11), cabbage(9), mustard greens(10), Carrot (9), radish (5), ginseng(4)
	malathion (49) [Cheminova] - USA	Cherry	6 trials with sweet cherries (3 57% EC and 3 ULV) and 6 trials with tart cherries (3 57% EC and 3 ULV

	mandipropamid (231) [Syngenta] - USA	hops	Hops (11)
	picoxystrobin– [Dupont] - USA	Fruiting vegetables, cucurbits, stone fruit, pome fruit, grapes, legume vegetables, bulb vegetables, strawberry, brassica vegetables, leafy vegetables, root and tuber vegetables, sunflower, tree nut, peanut, rice, cotton and tomato.	Brassica (Broccoli, cauliflower, cabbage, mustard greens), 30; Bulb Vegetables (Green Onion, Dry Bulb Onion), 15; Coffee, 4; Cotton, 13; Cucurbits, 30 (Cucumbers; 12; muskmelons: 9; summer squash 9; Fruiting Vegetables, 44 (tomatoes: 24; bell peppers: 13; 7 non-bell peppers); Grape, 13; Leafy Vegetables, 44 trials (Leaf lettuce 10, Head lettuce: 11; Celery: 10; Spinach 9); Peanut, 13; Pome (apple, pear), 26 (Apple 17, Pear 9); Rice, 11; Root and Tuber Vegetables, 56 Trials (Potatoes: 21; sugarbeets: 13; radishes: 6; carrots: 10; turnips: 6); Stone Fruit (Cherries, peaches, plums), 30; Strawberry, 9; Succulent/edible podded legumes, 40 (8 edible podded bean, 4 edible podded pea,' 17 succulent bean, and 11 succulent pea); Sugarcane, 4; Sunflower, 9; Tree Nuts, 12 (6 Almond; 6 Pecan)
	propiconazole (160) [Syngenta] - USA	Citrus Stone fruit tomato, tree nuts not supported Dry Bean, Lima bean, Snap bean, Mustard greens, Carrot, Radish, Mint, Pineapple, Watercress blueberry	Tomato (postharvest) (6), Citrus (postharvest) (12), Stone fruit (postharvest) (9) Dry Bean (12), Snap bean (7), Lima Bean (6), mustard greens (9), carrot (Co. Data?) + radish (7), turnip (6), mint (5), pineapple (3), watercress (3) blueberry (5) IR4
	pyraclostrobin	Citrus oil (await JMPR advice)	
	Pyrimethanil (226) (priority 1) Janssen PMP - USA	Re-evaluation of CXLs for peaches, cherries, apricots, plums, apple, pear	Stone fruit (3), Pome fruit (5))
	Saflufenacil [BASF]	Lentils (awaiting advice from JMPR)	
	spirotetramate(234) [Bayer CropScience] – USA	Cranberry, Artichoke, Banana, Blueberry, Coffee, Onion, Pomegranate, pineapple, watercress	Cranberry (6), Artichoke (5), Banana (7), Blueberry (11), Coffee (5), Onion (12), Pomegranate (4), pineapple (5), watercress (4)
	triazophos (143)	Rice (China)	

2014 JMPR - NEW COMPOUND EVALUATIONS				
TOXICOLOGY RESIDUE		**Prioritisation Criteria**	**Commodities Residue**	**trials provided**
Aminocyclopyrachlor [DuPont] - USA	Aminocyclopyrachlor	Not registered	Meat, milk and edible offal	22 (cattle) - magnitude of residue studies in pasture and rangeland grasses- 20 MOR test sites and 2 decline test sites (to determine residues in hay and forage)
dichlobenil – [Chemtura] USA	dichlobenil	Registered MRLs > LOQ	Cranberry, blackberry, blueberry, raspberry, grapes, cherry, pome fruit, hazelnut, and rhubarb	Apple (5), Blueberry (2), Blackberry (3), Cherry (12), Cranberry (4), Filberts (3), Grapes (12), Peach (4), Plum (3)
fenamidone [Bayer CropScience] Germany priority 1 – moved from 2013	fenamidone	Registered MRLs > LOQ	Broccoli, Brussels sprouts, Carrots, Chinese cabbage, Cauliflower, Courgettes (Summer squash), Cucumber, Eggplant, Gherkin, Grapes (Table and wine), Head cabbage, Kale, Leek, Lettuce (Head and leafy), Melon, Onion, Pepper (Bell and sweet), Potato, Pumpkin (Winter squash), Spinach, Strawberries, Sunflower seeds, Tomato, Watermelon	Fruiting vegetables (75), Leafy vegetables (30), Bulb vegetables (12), Brassica vegetables (20), Potato and tuberous vegetables (34), Root vegetables (13), Berries and small fruit (34), Oilseeds (23)
Fluazifop-p-butyl [Syngenta] - Switzerland	Fluazifop-p-butyl	Registered MRL>LOQ	Oil seed rape, Soybean, dry beans, cotton, Potato, Sweet potato, Sugar beets, Citrus fruits, Pome fruit, Stone fruit, Grapes, Tree nuts, Onion, Cabbage, Carrots, Vegetables, Bananas, Coffee bean, (Palm oil)	Soybean (20), Dry bean (12), Oil seed rape (12), cotton (6), Potato (16), Sweet potato (6), Carrots (12), Onion (12), Sugar beet (16), Sugar cane (4), Citrus fruit (16), Pome fruits (16), Stone fruit (16) Grape (16), Cabbage/brassica (12), Lettuce (6), Coffee (6), Tree nutspecan (12), Palm oil (4) Tomato (16), Asparagus (6), Banana (10), Cucumber/cucurbit (12)
Fluensulfone Moved from 2013 on request from Exponent	fluensulfone	Not registered	Further advice required	

flufenoxuron BASF Brazil priority 1 – moved from 2012	flufenoxuron	Registered MRLs > LOQ	Soybean, pome fruit (apple, pear), orange, melon, tomato, grape, tea	Soybean (8), pome fruit (8), citrus (12), melon (7), tomato (12), grape (12), tea (8),
imazamox BASF Argentina	imazamox	registered	Legume group: peas and beans (fresh), beans and beans (pulses), lentils, soybean, peanuts, cereal group (rice, wheat, maize), Oilseed group (sunflower, oilseed rape), Alfalfa	29 OSR, 19 sunflower, 35 wheat, 26 maize, 5 rice, 18 beans, 23 peas, 5 lentils, 36 soybeans, 4 alfalfa, 7 peanuts, Alfalfa 19
mesotrione – [Syngenta] – USA moved from 2013	Mesotrione	Registered MRLs some at LOQ	Asparagus, berries, Corn (grain, pop, sweet), Cranberry, Millet, Lingonberry, Oat (grain), Rhubarb, Sorghum (grain), Soybean, Sugarcane, Okra	Asparagus (8), Berries (10), Sweet Corn (12), Field Corn (20), Cranberry (5), Millet (5), Oats (16), Okra (5) Rhubarb (4), Grain Sorghum (12), Soybean (20), Sugarcane (8)
metrafenone [BASF] USA	metrafenone	Registered MRLs > LOQ	Grape (table, wine, raisin), Pome fruits (apple, pears), Cherries, Fruiting vegetables (tomatoes, peppers, eggplant), Cucurbits (cucumber, squash, melon), Cereals (wheat, barley, oats, rye, triticale), Hops	Grapes (table and wine) (24 US) (14 EU), Raisins (dried grapes), (1 US), Pome fruits (apples, pears) (18), Cherries (16), Fruiting vegetables (tomatoes, peppers, eggplant) (28), Cucurbits (cucumber, squash, cantaloupe) (32), Cereals (wheat, barley, oats rye, triticale) (67), Hops (6 EU) (5 US)
norfluazuron – [Syngenta] -USA	norfluazuron	Registered MRLs > LOQ	almond, apple, apricot, asparagus, avocado, blackberry, blueberry, cranberry, cherry (sweet and tart), citrus fruits group, cottonseed, grape, hazelnut, hops, nectarine, peach, peanut, pear, pecan, plums and prunes, raspberry, soybean, and walnut.	Almond: 7; Apple: 8; Apricot: 2; Asparagus: 6; Avocado: 3; Blackberry: 1; Blueberry: 6; Cranberry: 5; Cherry: 3; Citrus Fruits: 8; Cottonseed: 10; Filberts: 3; Grapes: 14; Nectarine: 2; Peach: 4; Peanut: 10; Pear: 4; Pecans: 4; Plums: 6; Raspberry: 6; Soybeans: 22; Walnuts: 2
pymetrozine – [Syngenta] – USA moved from 2013	Pymetrozine	Registered MRLs > LOQ	Hops; vegetables (tuberous and corm); asparagus; vegetable (leafy, except *Brassica*); *Brassica* (head and Stem); *Brassica* (leafy greens); fruiting vegetables; cucurbit vegetables; cottonseed; pecans	Cucurbits Vegetables Group (19), Fruiting Vegetables Group, Including Processed Tomato Fraction (17), Crop Group 9: Cucurbit Vegetables (3), Crop Group 8: Fruiting Vegetables, Including Processed Tomato Fractions (22), Crop Subgroup 1C: Tuberous and Corm Vegetables (16), Cotton (14), Crop 5: Brassica (Cole) Leafy Vegetables (17), Magnitude of the Residues in or on Crop 4: Leafy Vegetables (24), Magnitude of the Residues in or on Hops (3), Crop Subgroup 1C: Tuberous and Corm Vegetables (16), Crop Group 8: Fruiting Vegetables (21), Pecans (5), Cotton (2), Crop Group 9: Cucurbit Vegetables (19, Asparagus (8), Potato as the Representative Commodity of Crop Subgroup 1C: Tuberous and Corm Vegetables (16)

2014 JMPR - FOLLOW-UP EVALUATIONS			
TOXICOLOGY RESIDUE		**Commodities**	**Residue trials provided**
Moved from 2012 on request from manufacturer	2,4-D (020) [Dow AgroSciences]	New GAP for soya bean	Soya bean (24)
	Chlorothalonil [Syngenta] (4 year rule)	carrot, cherry, cranberry, bulb onion, peach, sweet and chilli pepper, tomato, common beans, asparagus blueberry USA Apple and pear (RoK)	Cherry (8), Peach (8), Bulb onion (8), Sweet pepper (8), Tomato (8), Asparagus (6) Blueberry (6) await advice on other commodities Apple, 6(RoK), Pear 6(RoK
	Dimethomorph [BASF]	Bulb onions (including shallots, garlic, silverskin onions), Green onions, Leek, Head cabbage, Flowerhead brassica (broccoli), Whole group leafy vegetables (excluding brassica), Celery, Globe artichokes, Oranges, Strawberry, Grapes, Ginseng	Bulb onions (including shallots, garlic, silverskin onions), 10 (US), Green onions, 6 (US), Leek, 20 (EU), Head cabbage, 10 (US), Flowerhead brassica (broccoli), 10 (US) Whole group leafy vegetables (excluding brassica), 25 (head and leaf lettuce, spinach) (US), Celery, 9 (US), Globe artichokes, 10 (EU), Oranges, 8 (EU), Strawberry, 8 (EU), Grapes, 13 (US), Ginseng, 4 (US, IR-4)
	dithiocarbamates - mancozeb (105) [Dow AgroSciences]	mandarin (ROK) okra, chili pepper (Thailand) seed spices [HS190], fruit and berry spices [HS191] (India)	await further advice
	fluopyram (243) [Bayer CropScience	Leek, Onions, Asparagus, Lettuce heads, Herbs, Cabbage, Bush berries, Rape seed, Sunflower and Hops	Leek (24), Onions (37), Asparagus (12), Lettuce heads (50), Herbs (6), Cabbage head (16), Chinese cabbage (16), Bush berries (8), Rape seed (16), Sunflower (18) and Hops (8)
	Imidacloprid (206)	Pistachio (Iran) seed spices [HS190], fruit and berry spices [HS191] (India)	Awaiting advice on number of field trials

	phosmet [Gowan] - USA	cranberry, tart cherry	cranberry (5), tart cherry (15) - tart cherry- 5 pre-GLP trials (2 US, 3 Canada), 6 GLP (Italy), 4 GLP (France)
	Propamocarb (148), Bayer CropScience	Broccoli, Cauliflower, Brussels Sprouts, Head Cabbage, Kale, Onions, Leeks	Broccoli (10), Cauliflower (10), Brussels sprouts (8), Cabbages, Head (12), Kale (9), Onion, Bulb (21), Leek (12)
	Propylene oxide	Tree nuts	
	Thiamethoxam (245)	Pistachio (Iran), persimmon (Republic of Korea)	Awaiting advice pistachio field trials, Persimmon (6)
	Triadimenol (168) Bayer	grapes	Grapes (16)
	Spirodiclofen (237) Bayer	avocados	Avocados (5)
	Prothioconazole (232) Bayer	Soybean, maize, potatoes	

2015 JMPR - NEW COMPOUND EVALUATIONS				
TOXICOLOGY RESIDUE		**Prioritisation criteria**	**Commodities Residue**	**trials provided**
Cyazofamid [Ishihara Sangyo Kaisha] USA	cyazofamid	registered	Hops, Potato, tomato, grape, cucurbits, carrots, brassica vegetables, okra, spinach, other fruiting vegetables	U.S./Canada: Potato (27), tomato (35), Cucurbits (11), cucumber (11) muskmelon (9), summer squash, Grape (3-U.S.)(1-Argentina), (10-EU)(1-Mexico), Pepper (9-bell and non-bell), Carrot (14), Broccoli (6),Cabbage (9),Mustard greens (9),Spinach (10), Hops (3)
Fenazaquin [Gowan company] USA	fenazaquin	registered	Alfalfa, apples, apricots, berries, citrus, cotton, cucurbits (cucumbers, melons, zucchini, squash, pumpkin), eggplant, grapes, hops, nectarines, peaches, pears, peppers, pineapples, plums, prunes, strawberries, tea, tomatoes, tree nuts; zucchini.	Cucurbits (cucumbers – 6; cantaloupe – 6; zucchini squash – 5), Stone Fruit (sweet cherries – 3; sour cherries – 3; peach – 9; plum – 6), Fruiting Vegetable (tomato – 12; bell peppers – 6; chili peppers – 3), Strawberries – 8, Tree Nuts (pecan – 5; almond – 5), Berries (blueberry – 6; raspberry – 5), Hops – 3, Mint (spearmint – 1; peppermint – 4), Alfalfa – 4, Corn (Field, Sweet) – 24, Cotton – 12, Bean (edible podded legumes – 9; succulent shelled pea & bean – 11; dried shelled pea & bean – 14), Grape – 12, Avocado – 5, Citrus (orange – 12; lemon – 5; grapefruit – 6)
Flonicamid [Ishihara Sangyo Kaisha] USA	flonicamid	registered	cucurbit, vegetables, fruiting vegetables, leafy vegetables, pome fruit, potato, stone fruit, head/stem brassica, mustard greens, brassica leafy greens, root vegetables, radish tops, tuberous/ corm vegetables, hops, okra, cottonseed	U.S./Canada: Peach – 9, Cherry – 6, Plum – 6, Apple – 12, Pear – 6, Cucumber – 6, Cantaloupe – 6, Summer Squash – 5, Tomato – 12, Bell Pepper – 6, Non-Bell Pepper – 3, Broccoli – 6, Cabbage with wrapper leaves – 6, Cabbage without wrapper leaves – 6, Mustard Greens – 5, Head Lettuce with wrapper leaves – 6, Head Lettuce without wrapper leaves – 6, Leaf Lettuce – 6, Celery – 6, Spinach – 6, Potato Tubers – 17, Carrot Roots – 8, Carrot Roots – 2, Radish Roots – 5, Radish Tops – 5, Dried hop cones – 3
Flupyradifurone [Bayer CropScience] Germany	Flupyradifurone	Not registered (expected 2014), MRLs > LOQ	Citrus fruit, table and wine grapes and small berries, pome fruit, tree nuts, hops, fruiting and brassica vegetables, lettuce, potatoes, sugar beets, onions, cereals, coffee, soya and cotton.	Citrus fruit (54), table & wine grapes & small berries (78), pome fruit (39), tree nuts (10), hops (11), fruiting vegetable, cucurbits (89), fruiting vegetables other than cucurbits (96), brassica vegetables (56), leafy vegetables including Brassica leafy vegetables (76), legume vegetables (52), root and tuber vegetables (43), onions (18), cereals (107), coffee (18), soya and cotton (44).

2015 JMPR - FOLLOW-UP EVALUATIONS			
TOXICOLOGY RESIDUE		**Commodities**	**Residue trials provided**
	Abamectin (177)	Chili peppers (Thailand) Chilli pepper, Tomato, mango, papaya (Indonesia CRD26)	
	Acetamiprid (246)	Fruiting vegetables other than cucurbits China (tomatoes and cucumbers) seed spices [HS190], fruit and berry spices [HS191] (India)	
	Bifenthrin [FMC]	Barley, barley (straw fodder), strawberry, papaya, okra, mango	(4 year rule)
	difenoconazole (224) [Syngenta] USA,	Papaya (Kenya)	
	Tebuconazole (189)	China (banana and cucumber), Kenya (common beans) Lettuce Head	
	Carbofuran (145) FMC	seed spices [HS190], fruit and berry spices [HS191] (India)	

Appendix 2a: Schedule of Periodic Re-evaluations – 2013-2016

Note 1: **Advice on the provision of ful l data packages at 1 August 2011 is recognised. Therefore, as an interim measure, those compounds for which information on residue trials has been provided / expected are scheduled in the order specified at CCPR43.**

Note 2: **if at CCPR44, a full data package (including number of residue trials) is not indicated, the compound will be deferred in the schedule.**

Note 3: **all compounds for which a full data package is not indicated at 1 August will be considered for prioritisation in accordance with revised approach, giving a higher priority to pesticides deemed to have public / consumer health concerns**

Note 4: **NR denotes 'following evaluation, JMPR has deemed the establishment of an ARfD unnecessary'**

Note 5: **N/A denotes 'not assessed – JMPR has not had the opportunity to consider, or determine the need for, an ARfD'**

2013 PERIODIC RE-EVALUATION SCHEDULE (includes those compounds for which advice on full data packages has been provided)

TOXICOLOGY	RESIDUE	Commodities comments		Previous evaluation	ADI ARfD	
	bentazone (172) (BASF)	beans (green and dried), peas (green and dried), cereals, maize, sorghum, onion, peanuts, potato, linseed, meat, milk, eggs., soybean	Barley (26), dry beans (32), common bean (pods and/or immature seeds) (50), garden pea (young pods) (30), linseed (23), maize (74), maize fodder (74), oats (6), onion (bulb) (25). peanut(15), potato (61), rice (12), rye (4), sorghum (6), soya bean (20), wheat (44)	1998	0.01 1998	NR 2004
diquat (031) [Syngenta] priority 1 - moved on request March 2011	diquat (031)) [Syngenta]	Cereals (including barley, wheat, maize, oats, rice, sorghum), Oilseeds (including linseed, oilseed rape, soya bean, sunflower, cotton, poppy), Legume vegetable group (including peas, beans, lentils), Head brassica group (including cabbage), Flowering brassica group, Leafy brassica group, Fruiting vegetable group (including tomato, pepper), Root and tuber group (including carrot, radish, beetroot, sugarbeet, potato), Stem vegetable group (including asparagus, celery, leek), Cucurbits (edible and inedible peel), Bulb vegetables (including onion), Citrus fruit, Lettuce group, spinach, canary, lupine, mustard, apple, banana, chicory witloof, coffee, sweet corn, grape, herbs (including parsley and sage), hop, kohlrabi, lucerne, olive, peach, strawberry, clover, grass, alfalfa, sugarcane.	Dry beans (23), dry peas (24), lentils (33), soybeans (11), potatoes (36), oilseed rape (14), sunflowers (10), apple (8), strawberry (3), banana (8), carrot (3), tomato (14), coffee (12), (does not appear to be support for existing commodity CXLs for alfalfa fodder, cereals, edible offal, meat mammalian, milk poultry)	1994	0.002 1994	N/A

	dithianon (028) [BASF] priority 1 moved from 2012	pome fruit, cherry, grapes, hops, mandarin	Citrus (6); Almond (4); Pome fruit (25; alternative GAP 16); Cherry (15; alt GAP 42); Peach/Nectarine/Apricot (6; alt GAP 24); Plum (6; alt GAP 9); Wine & Table Grape (37; alt GAP 17); Currants (6; alt GAP 6); Hops (14)	1992	0.01 1992	0.1 2010

2014 PERIODIC RE-EVALUATION SCHEDULE (includes those compounds for which advice on full data packages has been provided)

TOXICOLOGY RESIDUE		**Commodities comments**		**Previous evaluation**	**ADI ARfD**	
metalaxyl (138) Quimicas del Vallés - SCC GmbH	metalaxyl (138)	Review in 2004 for residues was for evaluation of metalaxyl-M, Support from Quimicas del Vallés - SCC GmbH, USA - Supervised trials by Thailand	**NOTE – new supporting manufacturer** **That Thailand has agreed to provide field trials.**	2004	0.08 2004	NR 2004
	fenpropathrin (185) [Sumitomo Chemical] – USA	cattle meat, cattle milk, cattle edible offal, cotton seed, cotton seed oil, eggplant, eggs, gherkin, grapes, chilli pepper, sweet pepper, pome fruits, poutry meat, poutry edible offal, tea, tomato, Cherries, Stone fruit (Peach, Apricots, Nectarine, Plums), Strawberries, Bushberries, Caneberries, Tree nuts including pistachio, Olive, Citrus (Oranges, Grapefruit, Lemons) Sweet cherry (USA) Blueberry, Peas (shelled and podded), cucumber, squash, avocado, tropical fruit, barley Coffee, papaya, corn, soybean (Brasil) seed spices [HS190], fruit and berry spices [HS191] (India)	Cotton seed (33), Cucumber (8), Squash (7), Grapes (20), Peppers (10), Apples (26), Tea (3), Tomato (8), Cherries (6), Peach (10), Plums (6), Strawberries (10), Caneberries (7), Tree nuts (10), Olives (3), Oranges (18), Grapefruit (7), Lemons(6) (appears to be support for new commodities such as strawberry, cucumber, citrus and tree nuts) Blueberry (9), Peas (8), cucumber (8), squash (7), avocado (6), tropical fruit (9), barley (12)	1993	0.03 2006	N/A
triforine (116) [Sumitomo Corp]	triforine (116)	Apple, Blueberries, Brussels sprouts, Cereal grains, Cherries, Common bean, Currants(Black,Rd, White), Fruiting vegetables, Cucurbits, Gooseberry, Peach, Plums(including prunes), Strawberry, Tomato	Await further advice (all existing commodity CXLs appear to be supported)	1997	0.02 1997	N/A

myclobutanil (181) [Dow AgroSciences]	myclobutanil (181)	pome fruits, stone fruits, black currant, grapes, strawberry, banana, hops, tomato Pesticide Initiative Project – beans with pods (manufacturer indicates support for animal product CXLs) Soybean, melon (Brasil)	Total trials (616) – comprising apple (128), pear (14), apricot (18), cherry (36), peach (51), plums (51), black/red currants (12), grapes (125), strawberries (60), bananas (12), hops (25), tomato (63), beans (green) with pods (10),.	1992	0.03 1992	N/A
penconazole (182) [Syngenta]	penconazole (182)	Brassica Vegetables (Broccoli, Brussels sprouts, Cauliflower, Chinese cabbage), Pome Fruit, Fruiting Vegetables (Tomato, Pepper, Aubergine), Root and Tuber Vegetables (Carrot, Parsnip, Turnip), Cucurbit vegetables (Cucumber, Melon, Watermelon, Pumpkin, Zuchini), Berries (Blackberry, Blueberry, Blackcurrant, Gooseberry, Raspberry, Cranberry), Stone Fruit (Apricot, Cherry, Peach, Plum), Legume Vegetables (peas, beans), Nuts (Almond, Pecan, Cashew, Jujube, Pistachio, Hazelnut, Pine nut, Macadamia, Chestnut), Soya, Strawberry, Loganberry, Sugarbeet, Tobacco, Potato, Clementine, grapefruit, Nectarine, Cumquat, Mango, Gherkin, Loquat, Asparagus, Leek, Banana, Lambs Lettuce, Rocket, Chicory, Canola, Parsley, Mint, Papaya, Alfalfa, Barley, Rice, Wheat, Sweet Corn, Hops, Lentil, Persimmon, Avocado, Artichoke, Grapes, Onion, Fennel (appears to be no support for animal product CXLs)	Awaiting advice on the numbers of trials	1992	0.03 1992	N/A

2015 PERIODIC RE-EVALUATION SCHEDULE (includes those compounds for which advice on full data packages has been provided)

TOXICOLOGY RESIDUE		Commodities comments		Previous evaluation	ADI ARfD	
abamectin (177) [Syngenta]	abamectin (177)	Pome fruits, cucurbits (edible and inedible peel), grapes, citrus fruits, stone fruits, strawberries, hops, leafy vegetables (lettuce, spinach, endive, celery), potato, almond, walnut, bean, coffee, cotton, Fruiting vegetables (tomato, aubergine, pepper, sweet pepper), avocado, papaya, mango, avocado, onion (appears to be no support for animal product CXLs)	Awaiting advice on number of trials	1997	0.002 1997	N/A
chlormequat (15) [BASF]	chlormequat (15)	Cereals, cottonseed, maize, rapeseed, maize fodder, cereals fodder/straw, meat, milk, eggs	Cereals - 64 trials (16 trials each for wheat, barley, oats and rye), Grapes - 8 trials, Soybean - 8 trials, ottonseed - 4 trials, Potato - 4 trials, Onion - 4 trials, Meat/milk/eggs	1994	0.05 1997	0.05 1999
clethodim (187) [Sumitomo - Valent USA] USA	clethodim (187)	bean, broccoli, cabbage, carrot, cranberry, cucurbits, hops, lettuce, pea, strawberry, blueberry	Blueberry (9) – awaiting further advice	1994	0.01 1994	NR 2004
ethephon (106) [Bayer CropScience]	ethephon (106)	Apple, Barley, Barley straw and fodder, Blueberries, Cantaloupe, Cherries, Chili peppers (dry), Cotton seed, Dried grapes, Figs, Grapes, Hazelnuts, Peppers, Pineapple, Rye, Rye straw and fodder, Tomato, Walnuts, Wheat, Wheat straw and fodder, Chicken eggs, Edible offal of cattle, goats, horses, pigs & sheep, Meat of cattle, goats, horses, pigs & sheep, Milk of cattle, goats & sheep, Poultry meat, Poultry, edible offal. All CXLs supported	Awaiting advice on number of trials	1994	0.05 1997	0.05 2002

2016 PERIODIC RE-EVALUATION SCHEDULE (includes those compounds for which advice on full data packages has been provided)

TOXICOLOGY RESIDUE		Commodities comments		Previous evaluation	ADI ARfD	
fenpropimorph (188) [BASF]	fenpropimorph (188)	banana, cereals, sugar beet, cereals fodder/straw, meat, milk, eggs **All CXLs supported**	Cereals (56 trials); Banana (23); Sugar beet (8)	1993	0.03 2006	N/A
iprodione (111) (BASF)	**iprodione (111)**	**tree nuts, cereals, beans, (dried), blackberry, broccoli, carrots, cheery, cucumber, grapes, kiwi, lettuce (head and leafy), onion, stone fruit, pome fruit, rapeseed, raspberry, sugar beet, sunflower, tomato, witloof.** **(All CXLs appear to be supported)**	Awaiting advice	**1994 0.06** **1995**	**N/A**	
teflubenzuron (190) [BASF]	**teflubenzuron (190)**	**apple, orange, coffee, field corn, soybean, sugarcane, sunflower, tomato, melon, broccoli, cauliflower, grape, papaya** **(no support for plum, potato, cabbage and brussel sprout CXLs)**	Apple (12), orange (16), coffee (9), field corn (6), soybean (5), sugarcane (5), sunflower (8), tomato (12), melon (8), broccoli (8), cauliflower (8), grape (12), papaya (4), mango (4), cucumber (8), gherkin (4), sweet pepper (4)	**1996 0.01** **1994**	**N/A**	

2018 PERIODIC RE-EVALUATION SCHEDULE (includes those compounds for which advice on full data packages has been provided)

TOXICOLOGY RESIDUE		Commodities comments		Previous evaluation	ADI ARfD	
flumethrin (195) [Bayer CropScience]	flumethrin (195)	Cattle milk, cattle meat		1996	0.004 1996	N/A

Appendix 2b : Periodic Re-Evaluation List (Compounds listed under 15 Year Rule but not yet scheduled)

Note 6: Compounds listed in this table meet criterion 2 (15 year rule). However, to date no relevant data have been provided.

Decisions on the prioritizati on of these co mpounds should, at the very least, be based on criterion 1 (public health concerns), criter ia 4 and 7 (date that da ta will be submi tted and availability of current labels arising from recent national evaluations) and other relevant criteria found in pp135-136 of the *Codex Procedural Manual*.

TOXICOLOGY RESIDUE		Commodities comments		Previous evaluation	ADI ARfD	
	aldicarb (117) [Bayer CropScience]	No longer supported by the manufacturer	No longer supported by manufacturer	1995	0.003 1992	0.003 1995
amitraz (122) – [Arysta Lifesciences]	amitraz (122)	awaiting advice on commodities	Await further advice	1998	0.01 1998	0.01 1998
dichlofluanid (82) – [Bayer CropScience]	dichlofluanid (82)	No longer supported by manufacturer	No longer supported by manufacturer	1983	0.3 1983	N/A
dinocap (87) [Dow AgroSciences]	dinocap (87)	No longer supported by manufacturer	No longer supported by manufacturer	1998	0.008 1998	0.008 WCBA 0.03 general
fenbutatin oxide (109) [BASF]	fenbutatin oxide (109)	No longer supported by manufacturer	No longer supported by manufacturer	1992	1992 0.03	N/A
disulfoton (74) – [Bayer CropScience]	disulfoton (74)	awaiting advice on commodities	support from USA Confirmation of support is required	1996	0.0003 2006	0.003 2006

methidathion (51) [Syngenta]	methidathion (51)	No longer supported by manufacturer	No longer supported by manufacturer	1992	0.001 1997	0.01 1997
	azinphos-methyl (002) [Makhteshim – Agan]	awaiting advice on commodities		2007	0.03 2007	0.1 2007
bromide ion (47)	bromide ion (47)	no Croplife manufacturer responsible - support unknown		1998	1.0 1998	N/A
bromopropylate (70) [Syngenta]	bromopropylate (70)	No longer supported by manufacturer	No longer supported by manufacturer	1993	0.03 1993	N/A
tecnazene (115)	tecnazene (115)	no Croplife manufacturer listed - support unknown		1994	0.02 1994	N/A
hydrogen phosphide (46)	hydrogen phosphide (46)	no Croplife manufacturer responsible -	support unknown	1971	NR	N/A
phosalone (60) [Cheminova]	phosalone (60)	awaiting advice on commodities	Durian (Thailand)	1997	0.02 1997	0.3 2001
bioresmethrin (93) previously Sumitomo Chemical)–	bioresmethrin (93)	not supported by manufacturer	not supported by manufacturer (	1991	0.03 1991	N/A
diazinon (22) [Makhteshim – Agan] -	diazinon (22)	awaiting advice on commodities		1996	0.005 2006	0.03 2006
permethrin (120) [FMC]	permethrin (120)	not supported by manufacturer	not supported by manufacturer	1987	0.05 1999	NR 1999

tolclofos-methyl (191) [Sumitomo Chemical]	tolclofos-methyl (191)	awaiting advice on commodities ginseng (ROK)	Await advice	1994	0.07 1994	N/A
fenarimol (192) [Gowan]	fenarimol	not supported by manufacturer	not supported by manufacturer	1995	0.01 1995	N/A
fenpyroximate (193) [Nihon Nohyaku]	fenpyroximate	awaiting advice on commodities		1995	0.01 1995	0.02 2007
fenthion (39) [Bayer CropScience]	fenthion	awaiting advice on commodities		1995	0.007 1995	0.01 1997
quintozene (64) [Crompton – AMVAC]	quintozene	awaiting advice on commodities		1995	0.01 1995	N/A
ferbam, ziram (105) [Taminco]	ferbam, ziram (105)	awaiting advice on commodities		1995	1.0 1995	N/A
carbofuran FMC Corporation	carbofuran			1997	0.001 1996	0.001 2009
Carbosulfan FM C Corporation	carbosulfan		Asparagus, egg plant (Thailand)	1997	0.01 (1986)	0.02 (2003)
Fenbuconazole Dow AgroSciences	fenbuconazole		Awaiting advice on commodities	1997	0.03 (1997)	N/A

Appendix 3: Record of Periodic Re-evaluations

Note 7: all information derived from CX/PR 11/43/3 'DRAFT AND PROPOSED DRAFT MAXIMUM RESIDUE LIMITS IN FOODS AND FEEDS AT STEPS 7 AND 4'

Note 8: The year value provided in the schedule (tox) and (residue) columns is based on chronological order and is for guidance only.

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
007	captan	1963	1995T, 2004T(ARfD), 2000R			
008	carbaryl	1965	2001T(ADI, ARfD), 2002R			
017	chlorpyrifos	1972	1999T, 2000R			
020	2,4-D	1970	1996T, 2001T(ARfD), 1998R			
027	dimethoate	1965	1996T, 2003T(ARfD), 1998R			
030	diphenylamine	1969	1998T, 2001R			
032	endosulfan	1965	1998T, 2006R			
035	ethoxyquin	1969	2005T, 1999R			
037	fenitrothion	1969	2000T, 2007T(ADI, ARfD), 2003R			
041	folpet	1969	1995T, 2007T(ARfD), 1998R			
048	lindane	1965	2002T, 2003R			
049	malathion	1965	1997T, 2003T(ARfD), 1999R			
056	2-phenylphenol	1969	1999			
057	paraquat	1970	2003T, 2004R			
059	parathion-methyl	1965	1995T, 2000R			
062	piperonyl butoxide	1965	1995T, 2001T(ARfD), 2001R			
063	pyrethrins	1965	2003T, 2000R			

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
065	thiabendazole	1970	1997T(JECFA), 2006T(ARfD), 1997R			
067	cyhexatin	1970	2005T, 2005R			
072	carbendazim	1973	1995T, 2005T(*ARfD)*, 1998R			
079	amitrole	1974	1997T, 1998R			
081	chlorothalonil	1974	2009T, 2010R			
083	dicloran	1974	1998			
084	dodine	1974	2000T, 2003R			
085	fenamiphos	1974	1997T, 2002T(*ARfD)*, 1999R			
086	pirimiphos-methyl	1974	1992T, 2006T(*ARfD)*, 2003R			
090	chlorpyrifos-methyl	1975	2009			
094	methomyl	1975	2001			
095	acephate	1976	2005T, 2003R			
100	methamidophos	1976	2002T, 2003R			
101	pirimicarb	1976	2004			
102	maleic hydrazide	1976	1996T, 1998R			
103	phosmet	1976	1994T, 2003T, 1997R 2002R			0.01 (1998), 0.2 (2003 Gowan
105	dithiocarbamates	1965	1996T, 1993R, 2004 propineb			Individual dithiocarbamates are evaluated, propineb in 2004, ferbam/ziram (1996)
105	propineb	1997	2004T			Dithiocarbamates

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
110	imazalil	1977	2000T, 2005T(*ARfD)*			
112	phorate	1977	2004T, 2005R			
113	propargite	1977	1999T, 2002R			
118	cypermethrin	1979	2006T, 2008R			
126	oxamyl	1980	2002			
129	azocyclotin	1979	2005T, 2005R			
130	diflubenzuron	1981	2001T, 2002R			
132	methiocarb	1981	1998T, 1999R			
133	triadimefon / triadimenol	1979	2004T, 2007R			133 /168
135	deltamethrin	1980	2000T, 2002R			
142	prochloraz	1983	2001T, 2004R			
143	triazophos	1982	2002T, 2007R			
144	bitertanol	1983	1998T, 1999R			
146	cyhalothrin	1984	2004(JECFA)			
146	lambda-cyhalothrin		2007T, 2008R			
147	methoprene	1984	2001T 2005R			
148	propamocarb	1984	2005T, 2006R			
149	ethoprophos	1983	1999T, 2004R			
151	dimethipin	1985	1999T, 2004T(*ARfD)*, 2001R			

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
155	benalaxyl	1986	2005T, 2009R			
156	clofentezine	1986	2005T, 2007R			
157	cyfluthrin	1986	2006T, 2007R			
158	glyphosate	1986	2004			
160	propiconazole	1987	2004T, 2007R			
162	tolylfluanid	1988	2002			
165	flusilazole	1989	2007			
166	oxydemeton-methyl	1989	2002T, 1998R			
167	terbufos	1989	2003T			
169	cyromazine	1990	2006T, 2007R			
171	profenofos	1990	2007T, 2008R			
173	buprofezin	1991	2008			
174	cadusafos	1991	2009T, 2010R			
176	hexythiazox	1991	2008T, 2009R			
178	bifenthrin	1992	2009T, 2010R			
194	haloxyfop	1995	2006T, 2009R			
196	tebufenozide	1996	2003T(*ARfD)*			
201	chlorpropham	2000	2005T(ADI, *ARfD)*			
202	fipronil	1997	2000T,			

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
189	tebuconazole	1994	2010		2011	
180	dithianon	1992	2010		2013	
002	azinphos-methyl	1965	2007T		2017	Makhteshim
026	dicofol	1968	1992	2011	2011	Not supported by manufacturer
184	etofenprox	1993	none	2011	2011	Mitsui Chemical Inc
025	dichlorvos	1965	1993	2011	2012	AMVAC
179	cycloxydim	1992	2009T	2011	2012	support from BASF
119	fenvalerate	1979	1986T	2012	2012	Sumitomo Chemical
175	glufosinate-ammonium	1991	1999T	2012	2012	support from Bayer CropScience
172	bentazone	1991	1998T, 2004T(ARfD)	2012	2013	support from BASF
031	diquat	1970	1993T, 1994R	2013	2013	Syngenta
109	fenbutatin oxide	1977	1992T, 1993R	2013	2013	Not supported by BASF
185	fenpropathrin	1993	none	2012	2014	Sumitomo Chemical
116	triforine	1977	1997T	2014	2014	support from Sumitomo Co.
138	metalaxyl	1982	2002T	2014	2014	Quimicas del Vallés - SCC GmbH
181	myclobutanil	1992	none	2014	2014	support from Dow AgroSciences
182	penconazole	1992	none	2014	2014	Syngenta
015	chlormequat	1970	1997T, 1999T(ARfD) 1994	2015	2015	support from BASF
106	ethephon	1977	1997T, 2002T(ARfD), 1994R	2015	2015	Bayer CropScience

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
177	abamectin	1992	1997T	2015	2015	Syngenta
187	clethodim	1994	1999T(ARfD)	2015	2015	support from USA
111	iprodione	1977	1995T, 1994R	2016	2016	support from BASF
188	fenpropimorph	1994	2004T(ARfD)	2016	2016	support from BASF
190	teflubenzuron	1994	none	2016	2016	support unknown
022	diazinon	1965	2006T, 1993	Listed-not scheduled	Listed-not scheduled	Makhteshim-Agan
039	fenthion	1971	1995, 1997T(ARfD)	Listed-not scheduled	Listed-not scheduled	
046	hydrogen phosphide	1965	1966T	Listed-not scheduled	Listed-not scheduled	support unknown
047	bromide ion	1968	1988T	Listed-not scheduled	Listed-not scheduled	support unknown
051	methidathion	1972	1997T, 1992	Listed-not scheduled	Listed-not scheduled	Not supported
060	phosalone	1972	1997T, 2001T(ARfD), 1994R	Listed-not scheduled	Listed-not scheduled	support unknown
064	quintozene	1969	1995	Listed-not scheduled	Listed-not scheduled	
070	bromopropylate	1973	1993	Listed-not scheduled	Listed-not scheduled	support unknown
074	disulfoton	1973	1996T(ARfD)	Listed-not scheduled	Listed-not scheduled	Bayer CropScience

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
082	dichlofluanid	1969	1983T	Listed-not scheduled	Listed-not scheduled	Not supported by manufacturer
087	dinocap	1969	1998T, 2000T(ARfD)	Listed-not scheduled	Listed-not scheduled	Not supported by manufacturer
093	bioresmethrin	1975	1991T, none	Listed-not scheduled	Listed-not scheduled	not supported by manufacturer
096	carbofuran	1976	1996T, 2008T(*ARfD)*, 1997R	Listed-not scheduled	Listed-not scheduled	
105	ferbam	1965	1996T	Listed-not scheduled	Listed-not scheduled	Dithiocarbamates
105	ziram	1965	1996T	Listed-not scheduled	Listed-not scheduled	Dithiocarbamates
115	tecnazene	1974	1994T	Listed-not scheduled	Listed-not scheduled	support unknown
117	aldicarb	1979	1992T, 1995T(ARfD), 1994R	Listed-not scheduled	Listed-not scheduled	Bayer CropScience
120	permethrin	1979	1999T	Listed-not scheduled	Listed-not scheduled	not supported by manufacturer
122	amitraz	1980	1998T	Listed-not scheduled	Listed-not scheduled	Arysta Lifesciences
145	carbosulfan	1984	2003T, 1997R	Listed-not scheduled	Listed-not scheduled	
191	tolclofos-methyl	1994	none	Listed-not scheduled	Listed-not scheduled	Sumitomo Chemical
192	fenarimol	1995	none	Listed-not scheduled	Listed-not scheduled	

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
193	fenpyroximate	1995	2007T(ARfD)	Listed-not scheduled	Listed-not scheduled	
195	flumethrin	1996	none	Listed-not scheduled	Listed-not scheduled	
197	fenbuconazole	1997	none	Listed-not scheduled	Listed-not scheduled	Dow
199	kresoxim-methyl	1998	none	Never scheduled	Never scheduled	
200	pyriproxyfen	1999	none	Never scheduled	Never scheduled	
203	spinosad	2001	none	Never scheduled	Never scheduled	
204	esfenvalerate	2002	none	Never scheduled	Never scheduled	
205	flutolanil	2002	none	Never scheduled	Never scheduled	
206	imidacloprid	2001	none	Never scheduled	Never scheduled	
207	cyprodinil	2003	none	Never scheduled	Never scheduled	
208	famoxadone	2003	none	Never scheduled	Never scheduled	
209	methoxyfenozide	2003	none	Never scheduled	Never scheduled	
210	pyraclostrobin	2003	none	Never scheduled	Never scheduled	
211	fludioxonil	2004	none	Never scheduled	Never scheduled	
212	metalaxyl-M	2002	none	Never scheduled	Never scheduled	
213	trifloxystrobin	2004	none	Never scheduled	Never scheduled	
214	dimethenamid-P	2005	none	Never scheduled	Never scheduled	
215	fenhexamid	2005	none	Never scheduled	Never scheduled	

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
216	indoxacarb	2005	none	Never scheduled	Never scheduled	
217	novaluron	2005	none	Never scheduled	Never scheduled	
218	sulfuryl fluoride	2005	none	Never scheduled	Never scheduled	
219	bifenazate	2006	none	Never scheduled	Never scheduled	
220	aminopyralid	2007	none	Never scheduled	Never scheduled	
221	boscalid	2006	none	Never scheduled	Never scheduled	
222	quinoxyfen	2006	none	Never scheduled	Never scheduled	
223	thiacloprid	2006	none	Never scheduled	Never scheduled	
224	difenoconazole	2007	none	Never scheduled	Never scheduled	
225	dimethomorph	2007	none	Never scheduled	Never scheduled	
226	pyrimethanil	2007	none	Never scheduled	Never scheduled	
227	zoxamide	2007	none	Never scheduled	Never scheduled	
229	azoxystrobin	2008	none	Never scheduled	Never scheduled	
230	chlorantraniliprole	2008	none	Never scheduled	Never scheduled	
231	mandipropamid	2008	none	Never scheduled	Never scheduled	
232	prothioconazole	2008	none	Never scheduled	Never scheduled	
233	spinetoram	2008	none	Never scheduled	Never scheduled	
234	spirotetramat	2008	none	Never scheduled	Never scheduled	
235	fluopicolide	2009	none	Never scheduled	Never scheduled	

Code	Chemical	Initial JMPR evaluation	Periodic re-evaluation	Scheduled (Tox)	Scheduled (Residues)	notes
236	metaflumizone	2009	none	Never scheduled	Never scheduled	
237	spirodiclofen	2009	none	Never scheduled	Never scheduled	
238	clothianidin	2010	none	Never scheduled	Never scheduled	
239	cyproconazole	2010	none	Never scheduled	Never scheduled	
240	dicamba	2010	none	Never scheduled	Never scheduled	
241	etoxazole	2010	none	Never scheduled	Never scheduled	
242	flubendiamide	2010	none	Never scheduled	Never scheduled	
243	fluopyram	2010	none	Never scheduled	Never scheduled	
244	meptyldinocap	2010	none	Never scheduled	Never scheduled	
245	thiamethoxam	2010	none	Never scheduled	Never scheduled	
999	acetamiprid	2011	none	Never scheduled	Never scheduled	
999	emamectin-benzoate	2011	none	Never scheduled	Never scheduled	
999	flutriafol	2011	none	Never scheduled	Never scheduled	
999	isopyrazam	2011	none	Never scheduled	Never scheduled	
999	penthiopyrad	2011	none	Never scheduled	Never scheduled	
999	propylene oxide	2011	none	Never scheduled	Never scheduled	
999	saflufenacil	2011	none	Never scheduled	Never scheduled	
999	sulfoxaflor	2011	none	Never scheduled	Never scheduled	

Appendix 4: Chemical-commodity combinations for which specific GAP is no longer supported

Code	Chemical	comment
49	malathion	Apple, citrus, grapes (EU GAP no longer supported by EU)
39	fenthion	Cherry, citrus fruits, olive oil (virgin), olives (EU GAP no longer supported by EU)
162	tolyfluanid	All commodities (EU GAP no longer supported)

Appendix 5: Chemicals with extraneous MRLs and recent deletions (Source: CX/PR 11/43/3)

Code	Chemical	Last toxicological evaluation	Last residue evaluation		comment
33	endrin	1994 (PTDI)	1970	EMRL	
1	aldrin and dieldrin	1994(PTDI)	1977	EMRL	
12	chlordane	1994(PTDI)	1986	EMRL	
43	heptachlor	1994(PTDI)	1991	EMRL	
21	DDT	2000(PTDI)	2000	EMRL	
52	methyl bromide	1992	1968	PART A3	
114	guazatine	1997	1978	PART A3	Not supported
40	fentin	1991	1991	none	Not supported - Removed 2007
53	mevinphos	1997	1997	none	Not supported
136	Procymidone	1981	2007T	none	Not supported – removed 2011
159	Vinclozolin	1992	1995	none	Not supported – removed 2011

Appendix 6: Periodic re-evaluation - chemicals no longer supported or support unknown

Compound co	mments
aldicarb (117)	not supported by the manufacturer
dichlofluanid (82)	not supported by manufacturer
dinocap (87)]	not supported by manufacturer
methidathion (51)	not supported by manufacturer
bromopropylate	not supported by manufacturer
bioresmethrin	not supported by manufacturer
permethrin	not supported by manufacturer
fenarimol	not supported by manufacturer
fenbutatin oxide	not supported by manufacturer
azinphos methyl	support unknown
bromide ion	support unknown
hydrogen phosphide	support unknown
tecnazene	support unknown

Appendix 7: Periodic re-evaluation – some commodities no longer supported

2013 Commodities		Residue trials provided
diquat (031) [Syngenta] priority 1 - moved on request March 2011	Cereals (including barley, wheat, maize, oats, rice, sorghum), Oilseeds (including linseed, oilseed rape, soya bean, sunflower, cotton, poppy), Legume vegetable group (including peas, beans, lentils), Head brassica group (including cabbage), Flowering brassica group, Leafy brassica group, Fruiting vegetable group (including tomato, pepper), Root and tuber group (including carrot, radish, beetroot, sugarbeet, potato), Stem vegetable group (including asparagus, celery, leek), Cucurbits (edible and inedible peel), Bulb vegetables (including onion), Citrus fruit, Lettuce group, spinach, canary, lupine, mustard, apple, banana, chicory witloof, coffee, sweet corn, grape, herbs (including parsley and sage), hop, kohlrabi, lucerne, olive, peach, strawberry, clover, grass, alfalfa, sugarcane.	Oil seeds (17 Oilseed rape, 13 soya bean, 14 sunflower), Legume vegetable group (21 peas, 11 beans, 42 pulses), Fruiting vegetable group (including 6 tomato), Root and tuber group (including 12 carrot, 34 potato + 2 potato processing studies), 4 apple, 8 banana, 12 coffee, 6 strawberry. (does not appear to be support for existing commodity CXLs for alfalfa fodder, cereals, edible offal, meat mammalian, milk poultry)
metalaxyl (138) Quimicas del Vallés - SCC GmbH	Review in 2004 for residues was for evaluation of metalaxyl-M, Support from Quimicas del Vallés - SCC GmbH, USA - Supervised trials by Thailand	NOTE – new supporting manufacturer That Thailand has agreed to provide field trials. Support for all existing commodity CXLs is unknown