

Supporting document 1

Proposed MRL changes – Proposal M1011

Maximum Residue Limits (2015)

This supporting document provides information relating to the proposed MRL amendments that are being considered through Proposal M1011.

The **Interpretive Guide** (page 2) is an **example** only. The purpose of this Guide is to provide relevant information that will assist interpreting the table presented on page 3.

The table on page 3 lists all of the amendments that are being considered through Proposal M1011 as a result of harmonisation requests that FSANZ has received.

Interpretive Guide

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post- M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Acetamiprid							3		
Goji berries	none	2	new	China	Berries & other small fruits	commodity not listed		32	22
Oilseed	T*0.001	3.5	new	US	Oilseed group 20	1 (2010)		4	<1
Nectarine	1.9 ¹	9	increased	Codex	n/a	(2010)		52	23

Pre-M1011 MRLs sourced from the Code at 11 August 2015.

How the MRL is proposed to be changed i.e. new, increased, decreased, maintained or deleted.

Origin of the proposed MRL change: trading partner, Codex, the APVMA or FSANZ.

Provided where different from the requested commodity/MRL. Not provided for APVMA/ FSANZ requests.

The National Estimate of Dietary Intake (NEDI) is an assessment of the chronic exposure which is compared to the acceptable daily intake (ADI).
Provided for all chemicals.

Food/s to which the proposed MRLs apply.

A 'T' indicates the limit is temporary. An asterisk indicates the limit is at or about the limit of analytical quantification.

Commodity descriptions are only provided in a footnote where different to the requested commodity. 'All other foods' MRLs are not included.

Provided where the origin of MRL is not Codex and different to requested commodity/MRL.

The National Estimate of Short Term Intake (NESTI) is an assessment of the acute exposure which is compared to the acute reference dose (ARfD). Not all chemicals have an ARfD.

The NESTI provided reflects a worst case scenario.

Not provided for APVMA deletions/reductions (where the net effect is a reduction in estimated exposure).

¹ Stone fruits [except apricot; peach]

Proposed MRL Changes, Origin of Requests, Comparisons with Codex and Dietary Exposure Estimates for the Australian Population

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Acetamiprid							3		
Goji berries	none	2	new	China	Berries and other small fruits	commodity not listed		32	22
Plums (including prunes)	none	0.2	new	US/Codex	Plum, prune, fresh 0.2 Plum, prune, dried 0.4	Plums (including prunes) [except prunes] 0.2 (2012); Prunes 0.6 (2012)		5	2
Boscalid							60		
Bulb vegetables	T5 ¹	5	maintained	US/Codex	Vegetable, bulb, group 3-07	(2010)		2	1
Citrus fruits	none	2	new	US/Codex	Fruit, citrus, group 10-10	(2011)		5	2
Fruiting vegetables, other than cucurbits [except fungi; mushroom; sweet corn (corn-on-the-cob)]	1 ²	3	increased	US/Codex	Vegetable, fruiting, group 8-10	(2010)		2	2
Fruiting vegetables, cucurbits	0.5	3	increased	Codex	n/a	(2010)		6	6
Hops, dry	35	60	increased	Codex	n/a	(2011)		1	<1
Kiwifruit	none	5	new	Codex	n/a	(2010)		7	1
Leafy vegetables	30	40	increased	Codex	n/a	(2011)		12	9
Mango	none	1.5	new	US	as requested	commodity not listed		1	<1
Oilseed	none	3.5	new	US	Oilseed group 20	1 (2010)		<1	<1
Papaya	none	1.5	new	US	as requested	commodity not listed		5	1
Stone fruits	1.7 ³	3.5	increased	US	Fruit, stone, group 12-12	3 (2010)		4	1
Buprofezin							63		
Apricot	none	9	new	US	as requested	commodity not listed		72	10
Nectarine	1.9 ⁴	9	increased	Codex	n/a	(2010)		52	23

¹ Bulb vegetables [except onion, bulb]

² Fruiting vegetables, other than cucurbits

³ Stone fruits [except cherries]. Cherries are listed separately at T3.

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Peach	none	9	new	US/Codex	as requested	(2010)		57	20
Carbaryl							76		
Avocado	10	2	decreased	APVMA	n/a	n/a		n/a	n/a
Beetroot	none	0.5	new	APVMA	n/a	n/a		78	22
Cereal grains [except barley; rice; sorghum]	5 ⁵	5	maintained	APVMA	n/a	n/a		n/a	n/a
Citrus fruits	7	none	deleted	APVMA	n/a	n/a		n/a	n/a
Coconut	none	*0.01	new	APVMA	n/a	n/a		<1	<1
Edible offal (mammalian)	T0.2	3	increased	APVMA	n/a	n/a		19	71
Eggs	T0.2	*0.02	decreased	APVMA	n/a	n/a		n/a	n/a
Feijoa	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Fruiting vegetables, cucurbits	3	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Grapes	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Guava	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Jaboticaba	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Jackfruit	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Lemon	7 ⁶	3	decreased	APVMA	n/a	n/a		24	7
Litchi	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Longan	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Macadamia nut	1 ⁷	2	Increased	APVMA	n/a	n/a		14	10
Mango	5	2	decreased	APVMA	n/a	n/a		n/a	n/a
Meat (mammalian)	T0.2	0.07	decreased	APVMA	n/a	n/a		n/a	n/a
Milks	T*0.05	0.1	increased	APVMA	n/a	n/a		55	21
Oilseed [except cotton seed]	none	0.1	new	APVMA	n/a	n/a		1	1
Oranges, sweet, sour	7 ⁶	3	decreased	APVMA	n/a	n/a		86	29
Pecan	1 ⁷	2	increased	APVMA	n/a	n/a		10	3
Pome fruits	5	0.2	decreased	APVMA	n/a	n/a		n/a	n/a
Potato	0.2	0.1	decreased	APVMA	n/a	n/a		n/a	n/a

⁴ Stone fruits [except apricot; peach]

⁵ Cereal grains [except barley; sorghum]

⁶ Citrus fruits - being deleted in M1011

⁷ Tree nuts

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Poultry, edible offal of	T5	0.2	decreased	APVMA	n/a	n/a		n/a	n/a
Poultry meat	T0.5	*0.02	decreased	APVMA	n/a	n/a		n/a	n/a
Pulses	none	0.1	new	APVMA	n/a	n/a		3	1
Rambutan	5	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Raspberries, red, black	10	15	increased	APVMA	n/a	n/a		58	14
Rice	none	7	new	APVMA	n/a	n/a		8	5
Stone fruits [except cherries]	none	0.5	new	APVMA	n/a	n/a		92	31
Strawberry	7	*0.01	decreased	APVMA	n/a	n/a		n/a	n/a
Swede	5 ⁸	2	decreased	APVMA	n/a	n/a		n/a	n/a
Sweet potato	5 ⁸	0.1	decreased	APVMA	n/a	n/a		n/a	n/a
Turnip, garden	5 ⁸	2	decreased	APVMA	n/a	n/a		n/a	n/a
Wheat bran, unprocessed	T20	10	decreased	APVMA	n/a	n/a		n/a	n/a
Carbendazim							15		
Banana	T1	none	deleted	APVMA	n/a	n/a		n/a	n/a
Berries and other small fruits [except grapes]	T5	none	deleted	APVMA	n/a	n/a		n/a	n/a
Ginger, root	T10	none	deleted	APVMA	n/a	n/a		n/a	n/a
Rice, husked	none	2	new	Codex	n/a	*(2006)		22	13
Sugar cane	T0.1	none	deleted	APVMA	n/a	n/a		n/a	n/a
Chlorantraniliprole							<1		
Pome fruits	0.3	1.2	increased	US	Fruit, pome (group 11-10)	Pome fruits 0.4 (2009)		n/a	n/a
Clopyralid							1		
Raspberries, red, black	none	0.5	new	EU	Raspberries (red and yellow)	chemical not listed		n/a	n/a
Clothianidin							9		
Cranberry	0.01	0.07	increased	Codex	n/a	Berries and other small fruits [except grapes] (2011)		<1	<1
Cyantraniliprole							77		
Apple	none	1.5	new	US	Fruit, pome (group 11-	Pome fruit 0.8		n/a	n/a

⁸ Vegetables [except as otherwise listed under this chemical]

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
					10)	(2014)			
Apricot	none	0.5	new	US	Plum (subgroup 12-12C)	commodity not listed		n/a	n/a
Blueberries	None	4	new	US/Codex	Bushberry (subgroup 13-07B)	Bush berries 4 (2014)		n/a	n/a
Cherries	none	6	new	US/Codex	Cherry (subgroup 12-12A)	(2014)		n/a	n/a
Citrus fruits	none	0.7	new	US	Fruit, citrus (group 10-10)	commodity not listed		n/a	n/a
Cranberry	none	4	new	US/Codex	Bushberry (subgroup 13-07B)	Bush berries 4 (2014)		n/a	n/a
Currants, black, red	none	4	new	US/Codex	Bushberry (subgroup 13-07B)	Bush berries 4 (2014)		n/a	n/a
Gooseberry	none	4	new	US/Codex	Bushberry (subgroup 13-07B)	Bush berries 4 (2014)		n/a	n/a
Oilseed ⁹	none	1.5	new	US	Oilseed (group 20)	commodity not listed		n/a	n/a
Peach	none	1.5	new	US/Codex	Peach, subgroup 12-12B	(2014)		n/a	n/a
Pear	none	1.5	new	US	Fruit, pome (group 11-10)	Pome fruits 0.8 (2014)		n/a	n/a
Plums (including prunes)	none	0.5	new	US/Codex	Plum (subgroup 12-12C)	Plums (including prunes) 0.5 (2014); Prunes 0.8 (2014)		n/a	n/a
Cycloxydim	Chemical not listed	Chemical inserted					25		
Beans (dry)	none	30	new	Codex	n/a	(2013)		n/a ¹⁰	3
Beans [except broad bean; soya bean] green pods and immature seeds	none	15	new	Codex	n/a	(2013)		n/a	2
Carrot	none	5	new	Codex	n/a	(2013)		n/a	1
Grapes	none	0.3	new	Codex	n/a	(2013)		n/a	<1
Leek	none	4	new	Codex	n/a	(2013)		n/a	1

⁹ Individual requests were made for Cotton seed, Rape seed (canola) and Sunflower seed oil, edible to harmonise with the US MRL for Oilseed (group 20). These are captured in the food group Oilseed.

¹⁰ The toxicological endpoint which underpins the ARfD only applies to women of child bearing age. Hence the ARfD is not considered to be relevant for 2-6 year old children or the general population. The NESTI calculations included the 16 – 44 year old female population only as a representative population.

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Linseed	none	7	new	Codex	n/a	(2013)		n/a	<1
Maize	none	0.2	new	Codex	n/a	(2013)		n/a	<1
Onion, bulb	none	3	new	Codex	n/a	(2013)		n/a	1
Peas (dry)	none	30	new	Codex	n/a	(2013)		n/a	2
Peas, shelled (succulent seeds)	none	15	new	Codex	n/a	(2013)		n/a	2
Potato	none	3	new	Codex	n/a	(2013)		n/a	2
Rape seed (canola)	none	7	new	Codex	n/a	(2013)		n/a	<1
Rice	none	0.09	none	Codex	n/a	*(2013)		n/a	<1
Soya bean (dry)	none	80	none	Codex	n/a	(2013)		n/a	1
Stone fruits	none	0.09	none	Codex	n/a	*(2013)		n/a	<1
Strawberry	none	3	none	Codex	n/a	(2013)		n/a	<1
Sugar beet	none	0.2	none	Codex	n/a	(2013)		n/a	<1
Sunflower seed	none	6	none	Codex	n/a	(2013)		n/a	<1
Tomato	none	1.5	none	Codex	n/a	(2013)		n/a	<1
Cyprodinil							27		
Currants, black, red, white	none	5	new	EU	Currants (black, red and white)	commodity not listed		n/a	n/a
Dichlobenil							6		
Cranberry	none	0.1	new	US	as requested	chemical not listed		n/a ¹¹	<1
Difenoconazole							55		
Currants, black, red, white	none	0.2	new	EU	Currants (black, red and white)	commodity not listed		3	<1
Dimethenamid-P							<1		
Hops, dry	none	0.05	new	US	Hops, dried cones	chemical not listed		<1	<1
Dodine							8		
Cherries	*0.05 ¹²	3	increased	EU/Codex	Cherries (sweet)	(2005)		26	4
Famoxadone	Chemical not listed	Chemical inserted					6		
Dried grapes (currants,	none	5	new	Codex	n/a	(2005)		2	<1

¹¹ The toxicological endpoint which underpins the ARfD only applies to women of child bearing age. Hence the ARfD is not considered to be relevant for 2-6 year old children or the general population. The NESTI calculations included the 16 – 44 year old female population only as a representative population.

¹² Stone fruits

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
raisins and sultanas)									
Hops, dry	none	80	new	US	Hops, dried cones	commodity not listed		7	3
Fenhexamid							9		
Plums (including prunes)	none	1.5	new	US	Plum, prune, dried 2.5 Plum, prune, fresh 1.5	Plums (including prunes) 1 (2006)		n/a	n/a
Fenpropathrin							31		
Peach	none	1.4	new	US	Fruit, stone, crop group 12, except cherry	commodity not listed		85	44
Fenpyrazamine							2		
Table grapes	5 ¹³	3	decreased	US	Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	chemical not listed		51	24
Fludioxonil							30		
Currants, black, red, white	none	2	new	EU	Currants (black, red and white)	commodity not listed		n/a	n/a
Fluopyram							45		
Lentil (dry)	none	0.4	new	Canada	Dry lentils	0.07 (2013)		<1	<1
Peanut	none	0.09	new	US	0.03 (2013)	0.03 (2013)		<1	<1
Potato	none	0.03	new	Codex	n/a	(2013)		<1	<1
Pulses [except lentil (dry); soya bean (dry)]	none	0.09	new	US	Bean, dry	Beans (dry) - 0.07 (2013)		<1	<1
Soya bean (dry)	none	0.04	new	US	Soybean, seed	commodity not listed		<1	<1
Strawberry	none	1.5	new	US	as requested	0.4 (2013)		3	<1
Sugar beet	none	0.04	new	US/Codex	Beet, sugar, root	(2013)		<1	<1
Tomato	none	0.9	new	EU	as requested	0.4 (2013)		4	2
Tree nuts	none	0.05	new	US	Nut, tree, group 14	0.04 (2013)		<1	<1
Flupyradifurone	Chemical not listed	Chemical inserted					17		
Apple	none	0.7	new	US	Fruit, pome, group 11-10	chemical not listed		11	3
Blueberry	none	4	new	US	Bushberry, except cranberry subgroup 13-07B	chemical not listed		<1	<1

¹³ Currently listed as Table grapes 5, however the APVMA have proposed to substitute the Table grapes MRL to 2 mg/kg (refer to Gazette No. APVMA 16, Tuesday 11 August 2015, available at: http://apvma.gov.au/sites/default/files/gazette_11082015.pdf). The M1011 MRL is lower than the current MRL, but higher than the APVMA's proposed MRL.

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Citrus fruits	none	3	new	US	Fruit, citrus, group 10-10	chemical not listed		62	20
Dried grapes (currants, raisins and sultanas)	none	5	new	US	Grape, raisin	chemical not listed		4	1
Fruiting vegetables, other than cucurbits [except sweet corn (corn-on-the-cob); mushroom]	none	1.5	new	US	Vegetable, fruiting, group 8-10	chemical not listed		10	4
Grapes	none	3	new	US	Fruit, small vine climbing, except fuzzy kiwifruit, subgroup 13-07F	chemical not listed		29	29
Hops, dry	none	10	new	US	Hop, dried cones as requested	chemical not listed		2	<1
Peanut	none	0.04	new	US		chemical not listed		<1	<1
Potato	none	0.05	new	US	Vegetable, tuberous and corm, subgroup 1C	chemical not listed		<1	<1
Strawberry	none	1.5	new	US	Berry, low growing, except cranberry subgroup 13-07G	chemical not listed		4	1
Tree nuts	none	0.02	new	US	Nut, tree, group 14-12	chemical not listed		<1	<1
Flutriafol								27	
Grapes	none	1.5	new	US	as requested	0.8 (2013)		40	45
Fluxapyroxad								97	
Beans, shelled	none	0.5	new	US	Pea and bean, succulent shelled, subgroup 6B	0.09 (2013)		<1	<1
Broccoli	none	4	new	US	Vegetable, brassica leafy, group 5	commodity not listed		35	13
Cauliflower	none	4	new	US	Vegetable, brassica leafy, group 5	commodity not listed		28	11
Chicory	none	30	new	US	Vegetable, leafy, except brassica, group 4	commodity not listed		93	71
Citrus fruits	none	0.2	new	Brazil	"citros" in Portugese is "citrus" in English	commodity not listed		4	1
Cotton seed	none	0.5	new	Brazil	"Algodão" in Portugese is "Cotton" in English	0.01* (2013)		<1	<1
Legume vegetables	none	2	new	US	Vegetable, legume,	Beans [except broad		3	2

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							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
[except beans, shelled; peas, shelled (succulent seeds)]					edible podded, subgroup 6A	bean and soya bean] -2 (2013) Beans, shelled – 0.09 (2013) Peas (pods and succulent = immature seeds) - 0.09 (2013) Peas, shelled (succulent seeds) – 0.09 (2013) Soya bean (immature seeds) – 0.5 (2013)			
Lettuce, head	none	30	new	US	Vegetable, leafy, except brassica, group 4	commodity not listed		93	90
Lettuce, leaf	none	30	new	US	Vegetable, leafy, except brassica, group 4	commodity not listed		93	90
Peas, shelled (succulent seeds)	none	0.5	new	US	Pea and bean, succulent shelled, subgroup 6B	Peas, shelled (succulent seeds) - 0.09 (2013)		<1	<1
Sweet corn (corn-on-the-cob)	none	0.15	new	Codex	n/a	(2013)		1	<1
Folpet	Chemical not listed	Chemical inserted						<1	
Hops, dry	none	120	increased	US	Hops, dried cones	commodity not listed		n/a ¹⁴	15
Fosetyl									
Citrus fruits	5	none	deleted	FSANZ	n/a	chemical not listed			
Fosetyl-aluminium								<2	
Citrus fruits	none	5	new	FSANZ	n/a	chemical not listed		n/a	n/a
Hops, dry	none	45	new	US	Hops, dried cones	chemical not listed		n/a	n/a
Glyphosate								10	
Cranberry	*0.05 ¹⁵	0.2	increased	US	Berry and small fruit	commodity not listed		n/a	n/a

¹⁴ The toxicological endpoint which underpins the ARfD only applies to women of child bearing age. Hence the ARfD is not considered to be relevant for 2-6 year old children or the general population. The NESTI calculations included the 16 – 44 year old female population only as a representative population.

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
group 13-07							<1		
Imazamox							<1		
Beans (dry)	T*0.05 ¹⁶	0.05	maintained	Canada	Dry Beans	chemical not listed ¹⁷		n/a	n/a
Beans, shelled	none	0.05	new	EU	Beans (without pods)	chemical not listed		n/a	n/a
Peas (dry)	T*0.05 ¹⁸	0.05	maintained	Canada	Peas	chemical not listed		n/a	n/a
Peas, shelled	none	0.05	new	EU	Peas (without pods)	chemical not listed		n/a	n/a
Imazapic							<1		
Soya bean (dry)	none	0.3	new	Brazil	Soja	commodity not listed		n/a	n/a
Imazapyr							<1		
Soya bean (dry)	none	3	new	Brazil	Soja	commodity not listed		n/a	n/a
Imazethapyr							<1		
Rice	none	0.3	new	US	Rice, grain	chemical not listed		n/a	n/a
Indoxacarb							62		
Beans [except broad bean; soya bean]	none	0.9	new	US	Bean, succulent	commodity not listed		6	2
Berries and other small fruits ¹⁹	T1 ²⁰	2	increased	US	Bushberry, subgroup 13-07B – 1.5; Fruit, small vine climbing, except fuzzy kiwifruit, subgroup 13-07F - 2	Cranberry 1 (2010); Grapes 2 (2006)		80	63
Cucumber	none	0.5	new	Codex	n/a	Fruiting vegetables, Cucurbits 0.5 (2010)		10	3
Dried grapes (currants, raisins, and sultanas)	2	5	increased	US/Codex	Grape, raisin	(2006)		12	3
Pumpkin	none	0.5	new	Codex	n/a	Fruiting vegetables, Cucurbits 0.5 (2010)		21	7

¹⁵ Berries and other small fruits

¹⁶ Adzuki bean (dry) and Broad bean (dry) (fava beans)

¹⁷ Imazamox was evaluated by 2014 JMPR; on 2015 CCPR agenda

¹⁸ Field pea (dry)

¹⁹ Individual requests received for Blueberries, Cranberry, Currants, black, red, white, Gooseberry to harmonise with the US MRL for Bushberry, subgroup 13-07B (MRL 1.5 mg/kg) and Grapes to harmonise with Fruit, small vine climbing, , except fuzzy kiwifruit, subgroup 13-07F (MRL 2 mg/kg). These are considered together under the food group Berries and other small fruits at 2mg/kg.

²⁰ Berries and other small fruits [except grapes]

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Sweet corn (corn-on-the-cob)	none	0.02	new	US/Codex	Corn, sweet, kernel plus cob with husk removed	(2006)		<1	<1
Tea, green, black,	none	5	new	Codex	n/a	Tea, Green, Black (black, fermented and dried) (2014)		2	2
Maldison²¹							63		
Cherries	none	8	new	US	Cherry	3 (2014)		9	1
Mesotrione	Chemical not listed	Chemical inserted					<1		
Cranberry	none	0.02	new	US	as requested	JMPR *0.01 (2014) ²²		<1	<1
Metaflumizone							<1		
Potato	none	0.02	new	Codex	n/a	*(2010)		n/a	n/a
Tomato	none	0.6	new	EU/Codex	n/a	(2010)		n/a	n/a
Metalaxyl							8		
Hops, dry	none	10	new	Codex	n/a	as requested		n/a	n/a
Metrafenone²³							4		
Apple	none	1.5	new	US	Pome fruit, group 11-10	commodity not listed		n/a	n/a
Apricot	none	0.7	new	US	Peach subgroup 12-12B	commodity not listed		n/a	n/a
Barley	none	0.5	new	JMPR	as requested	(2014)		n/a	n/a
Cherries	none	2	new	US	Cherry subgroup 12-12A	commodity not listed		n/a	n/a
Dried grapes (currants, raisins and sultanas)	3	17	increased	US/JMPR	Grape, raisin	20 (2014)		n/a	n/a
Hops, dry	none	70	new	US	Hops, dried cones	commodity not listed		n/a	n/a
Mushrooms	none	0.4	new	EU	Cultivated fungi	0.5 (2014)		n/a	n/a
Nectarine	none	0.7	new	US	Peach and nectarine, group 12-12B	commodity not listed		n/a	n/a
Peach	none	0.7	new	US	Peach and nectarine, group 12-12B	commodity not listed		n/a	n/a
Peppers, chili	none	2	new	JMPR	n/a	(2014)		n/a	n/a
Peppers, chili (dry)	none	20	new	JMPR	n/a	(2014)		n/a	n/a
Peppers, sweet	none	2	new	JMPR	n/a	(2014)		n/a	n/a

²¹ Request was for malathion. In Australia the approved active constituent malathion it is known as maldison.

²² http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/JMPR/2014_Summary_Report.pdf

²³ The 2014 JMPR summary report: http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/JMPR/2014_Summary_Report.pdf

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
(including pimento and pimienta)									
Strawberry	none	0.6	new	EU/JMPR	as requested	(2014)		n/a	n/a
Tomato	none	0.4	new	JMPR	n/a	(2014)		n/a	n/a
Wheat	none	0.06	new	JMPR	n/a	(2014)		n/a	n/a
Norflurazon							5		
Hops, dry	none	3	new	US	Hops, dried cones	chemical not listed		n/a	n/a
Penconazole							4		
Strawberries	none	0.5	new	EU	as requested	0.1 (1997)		n/a	n/a
Pyraclostrobin							34		
Artichoke, globe	none	2	new	Codex	n/a	(2012)		51	23
Barley	*0.01 ²⁴	1	increased	Codex	n/a	(2012)		22	13
Beans (dry)	none	0.3	new	EU	Beans	0.2 (2006)		2	<1
Berries and other small fruits [except blackberries; blueberries; boysenberries; grapes]	various ²⁵	3	increased	EU/Codex	Blackberries 3.0; Blueberries 4.0; Cranberries 3.0; Currants (black, red and white) 3.0; Dewberries 2.0; Elderberries 3.0; Gooseberries (green, red and yellow) 3.0; Mulberries (black and white) 3.0; Raspberries (red and yellow) 3.0; Strawberries 1.5; Table grapes 1.0; Wine grapes 2.0	Blackberries 3 (2012); Blueberries 4 (2012); Grapes 2 (2006); Raspberries, Red, Black 3 (2012); Strawberry 1.5 (2012)		85	67
Brussel sprouts	none	0.3	new	Codex	n/a	(2007)		6	2
Cabbages, head	none	0.2	new	Codex	n/a	(2007)		5	4
Cherries	2.5	3	increased	Codex	n/a	(2012)		99	17

²⁴ Cereal grains

²⁵ Blackberries 4 mg/kg; Blueberries T5 mg/kg; Boysenberry 4 mg/kg; Cloudberry T3 mg/kg; Dewberries (including loganberry and youngberry) [except boysenberry] T3 mg/kg; Grapes 2 mg/kg; Strawberry 1 mg/kg

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Coffee beans	none	0.3	new	Codex	n/a	(2007)		<1	<1
Corn salad (lamb's lettuce)	none	10	new	EU	Lamb's lettuces/corn salads	commodity not listed		62	48
Cress, garden	none	10	new	EU	Cresses and other sprouts and shoots; Land cresses; Roman rocket/rucola; Red mustards	commodity not listed		62	48
Endive	none	0.4	new	EU	Escaroles/ broad-leaved endives	commodity not listed		24	9
Flowerhead brassicas (includes broccoli; broccoli, Chinese; cauliflower)	none	0.1	new	Codex	n/a	(2007)		1	<1
Fruiting vegetables, cucurbits	none	0.5	new	Codex	n/a	(2012)		20	5
Garlic	none	0.3	new	EU	as requested	0.15 (2012)		<1	<1
Leek	none	0.7	new	Codex	n/a	(2007)		14	7
Lentil (dry)	none	0.5	new	Codex	n/a	(2006)		3	2
Lettuce, head	none	2	new	Codex	n/a	(2007)		37	21
Lettuce, leaf	none	2	new	EU	Lettuces	commodity not listed		37	21
Meat (from mammals other than marine mammals) (fat)	none	0.5	new	Codex	n/a	(2006)		14	8
Milks	*0.01	0.03	increased	Codex	n/a	(2006)		5	2
Oats	*0.01 ²⁴	1	increased	Codex	n/a	(2012)		6	4
Oilseed [except peanut]	None	0.4	new	Codex	n/a	(2012)		1	<1
Onion, bulb	None	1.5	new	EU/Codex	Onions	(2012)		30	14
Onion, Welsh	None	1.5	new	EU	Spring onions/green onions and Welsh onions	commodity not listed		41	14
Peanut	None	0.04	new	EU	Peanuts/groundnuts	Peanut, whole *0.02 (2006)		<1	<1
Peas (dry)	None	0.3	new	Codex	n/a	(2006)		2	<1
Peppers	0.3 ²⁶	0.5	increased	Codex	n/a	(2007)		9	4

²⁶ Fruiting vegetables, other than cucurbits

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Root and tuber vegetables ²⁷	none ²⁸	0.5	new	EU/Codex	Beetroot 0.1 Celeriac/turnip rooted celeries 0.3; Horseradishes 0.3; Jerusalem Artichokes 0.06; Radishes 0.5; Parsnips 0.3; Salsifies 0.1; Turnips 0.09	Carrot 0.5 (2006); Radish 0.5 (2006); Sugar beet 0.2 (2006)		16	7
Rucola	none	10	new	EU	Cresses and other sprouts and shoots; Land cresses; Roman rocket/rucola; Red mustards	commodity not listed		62	48
Rye	*0.01 ²⁴	0.2	increased	Codex	n/a	(2012)		1	2
Shallot	none	0.3	new	EU	Shallots	commodity not listed		6	<1
Sorghum	*0.01 ²⁴	0.5	increased	Codex	n/a	(2012)		3	5
Spinach	none	0.5	new	EU	Spinaches	commodity not listed		7	7
Spring onion	none	1.5	new	EU/Codex	Spring onions/green onions and Welsh onions	(2012)		14	4
Triticale	*0.01 ²⁴	0.2	increased	Codex	n/a	(2012)		1	2
Wheat	*0.01 ²⁴	0.2	increased	Codex	n/a	(2006)		1	2
Spinetoram								15	
Hops, dry	none	22	new	US	Hops, dried cones	commodity not listed		n/a	n/a
Spinosad								42	
Hops, dry	none	22	new	US	Hops, dried cones	commodity not listed		n/a	n/a
Tebuconazole								9	
Citrus fruits	none	T0.05	new	APVMA	n/a	n/a		1	<1
Hops, dry	none	40	new	Codex	n/a	(2012)		7	3
Thiamethoxam								7	

²⁷ Individual requests were received for the commodities Beetroot (0.1 mg/kg EU); Carrot (0.5 mg/kg Codex); Celeriac (0.3 mg/kg EU); Horseradish (0.3 mg/kg EU); Jerusalem Artichokes (0.06 mg/kg EU); Parsnip (0.3 mg/kg EU); Radish (0.5 mg/kg Codex); Salsify (0.1 mg/kg EU); Sugar beet (0.2 mg/kg Codex). These are considered together under Root and tuber vegetables at 0.5 mg/kg.

²⁸ Potato is listed at *0.02

Chemical Requested commodity	Pre-M1011 MRL mg/kg	Post M1011 MRL mg/kg	MRL change	Origin of MRL requested	Description in source database, MRL mg/kg	Codex description, MRL mg/kg (and year established)	Dietary Exposure Estimates		
							NEDI (%ADI)	NESTI (%ARfD) 2-6 years	NESTI (%ARfD) 2+ years
Hops, dry	none	0.1	new	US	Hops, dried cones	commodity not listed		<1	<1
Thiophanate-methyl							26		
Apricot	none	15	new	US	as requested	chemical not listed		n/a ²⁹	38
Plums	none	0.5	new	US	as requested	chemical not listed		n/a	2
Triadimefon³⁰							36		
Strawberries	none	0.5	new	EU	as requested	0.7 (2008) based on triadimenol use only		6	2
Triadimenol							36		
Strawberries	none	0.5	new	EU	as requested	0.7 (2008)		6	2

²⁹ The toxicological endpoint which underpins the ARfD only applies to women of child bearing age. Hence the ARfD is not considered to be relevant for 2-6 year old children or the general population. The NESTI calculations included the 16 – 44 year old female population only as a representative population.

³⁰ The request was received for triadimenol only. The EU database describes these chemicals as Triadimefon and triadimenol (sum of triadimefon and triadimenol) (F). The Food Standards Code lists these chemicals separately. The requested commodity (Strawberries) has been considered for both Triadimefon and Triadimenol.