DEPARTMENT OF HEALTH

NO. 334 **07 APRIL 2017**

FOODSTUFFS, COSMETICS AND DISINFECTANTS ACT, 1972 (ACT 54 OF 1972)

REGULATIONS GOVERNING THE MAXIMUM LIMITS FOR PESTICIDE RESIDUES THAT MAY BE PRESENT IN FOODSTUFFS: DRAFT AMENDMENT

I, Dr A Motsoaledi, the Minister of Health intends, in terms of section 15 (1) of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972), to make the Regulations in the Schedule.

Interested persons are invited to submit, within three months of the publication of this Notice, any comments or representations on the proposed amendment to the Regulations to the Director-General: Department of Health, Private Bag X 828, Pretoria, 0001 (for the attention of the Director: Food Control) or by e-mail to Aluwani.Madzivhandila@health.gov.za.

SCHEDULE

1. In these regulations, the Regulations, means the regulations published under Government Notice No. R. 246 of 11 February 1994, as corrected by Government Notice No. R. 1148 of 26 August 1994 and amended by the Government Notices No. R. 494 of 8 June 2001, No. R. 525 of 3 May 2002, No. R. 247 of 24 March 2005, No. R. 1047 of 20 October 2006, No. R. 548 of 17 June 2010 and No. R. 46 of 19 January 2012.

Amendment of Schedule to the Regulations

2. Regulation 1 of the Regulations is hereby amended by—

(a) the insertion of the following definitions—

"berries group" means blueberries, blackberries, cranberries, dewberries (including boysenberry and loganberry), gooseberries, raspberries, blackcurrants and currants, unless otherwise stated;

"brassica vegetables or cruciferae" means Brussels sprouts, broccoli, cabbage (including all varieties), kale, kohlrabi, cauliflower, pakchoi and collards, unless otherwise stated;

"citrus group" means lemons, limes, grapefruits or pomelos, oranges, mandarins(including clementines, satsumas, naartjies and tangerines) and tangelos, unless otherwise stated;

"cucurbits group" means melons, musk melons, butternuts, cantaloupes, watermelon, pumpkins, squashes (including summer and winter squash), patty pans, gourds, zucchini, cucumbers and gherkins, unless otherwise stated;

"leafy vegetables" means Chinese spinach, endive, celery, fennel, parsley, rhubarb, Swiss chard, mustard and rape, unless otherwise stated;

"leguminous beans group" means beans, broad beans, cow peas, chick peas, garden peas, pigeon peas, and peas (peas or beans means shelled, with pods, whole, unshelled, without pods or dry), unless otherwise stated;

"onion bulb group" means all varieties of bulb onions, spring onions, shallots, chives, garlic and leeks, unless otherwise stated;

"pepper group" means peppers, paprika, chillies, okra, pepino and egg plants, unless otherwise stated;

"root and tuber vegetables group" means artichoke, parsnips, sugar beet, garden beet, beetroot, yams, turnips, sweet potatoes, cassava, garden radish, radishes, horseradish and chicory, unless otherwise stated;

"stone fruits" means apricots, cherries (sweet and sour), nectarines, peaches, plums and prunes, unless otherwise stated;

"tree nuts" means almonds, cashews, chestnuts, hazelnuts, macadamia nuts, pecans, pistachio nuts, walnuts, coconuts, Brazil nuts and pine nuts, unless otherwise stated;

(b) the deletion of the following definitions—

"beans" means, in the case of green beans, the bean plus the pod and, in the case of dry beans, the bean without the pod;

"citrus fruits" means lemons, limes, grapefruit, oranges, mandarins (including lementines and tangerines) and tangelos, unless otherwise stated;

"cruciferae" means cabbage, cauliflower, broccoli and Brussels sprouts;

"cucurbits" means melons, squashes, cucumbers and pumpkins;

"peas" means peas without the shell;

"peas(whole)"means the unshelled peas; and

"stone fruits" means apricots, cherries, nectarines, peaches, plums and prunes, unless otherwise stated.

3. The Annex to the Regulations is hereby amended by—

(a) the insertion of the following particulars—

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
Abamectin	Brassica vegetables or cruciferae	0.01
	Soya beans	0.02
	Stone fruits	0.01
	Sugar cane	0.01
Acephate	Avocados	0.01

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Citrus group	0.2
Acetamiprid	Potatoes	0.02
	Rooibos	0.01
	Soya beans	0.15
	Stone fruits	0.2
	Sugar cane	0.05
Alpha-Cypermethrin (sum of isomers)	Rooibos	0.05
Amicarbazone	Sugar cane	0.01
Aminopyralid	Barley	0.01
	Maize	0.02
	Wheat	0.01
Atrazine	Canola	0.02
Azoxystrobin	Barley	1.5
	Brassica vegetables or cruciferae	5.0
	Canola	0.1
	Celery	5.0
	Cucurbits group	1.0
	Leguminous beans group	3.0
	Mange tout	0.5
	Olives	0.05
	Onion bulb group	10.0
	Root and tuber vegetables group	0.03
	Sorghum	3.0
	Soya beans	0.05
	Stone fruits	2.0
	Strawberries	5.0
	Sugar cane	0.5
	Sunflower	0.01
	Tree nuts	0.01
	Wheat	0.2
Beta cyfluthrin	Rooibos	0.05
Bifenthrin	Soya beans	0.5
Bixafen	Maize	0.01
Boscalid (boscalid)	Berries group	0.5
	Onion bulb group	0.2
	Pepper group	2.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Persimmons	0.04
	Strawberries	5.0
	Sunflower	1.0
	Tomatoes	3.0
	Tree nuts	1.0
Chlorantraniliprole	Brassica vegetables or cruciferae	2.0
	Citrus group	0.5
	Cotton	1.0**
	Cucurbits group	0.3
	Ginger	0.02
	Hops	40.0
	Leguminous beans group	0.01
	Lettuce	5.0
	Pepper group	0.5
	Pomegranates	0.4
	Potatoes	0.05
	Root and tuber vegetables group	0.02
	Sorghum	0.3
	Stone fruits	1.0
	Sugar cane	0.2
	Sweet corn	1.0**
	Tomatoes	0.5
	Tree nuts	0.1
Chlorothalonil	Carrots	1.0
	Celery	10.0
	Leguminous beans group	3.0
	Onion bulb group	0.5
	Pepper group	1.0
Chlorpyrifos	Canola	0.3
Clethodim	Apples, citrus group, grapes, pears and stone fruits	0.01
	Canola	0.1
Clomazone	Sugar cane	0.01
Clothianidin	Bananas	0.02
	Sugar cane	0.02
Cyflufenamid	Cucurbits group	0.1
Cymoxanil	Leguminous beans group	0.05

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
Cypermethrin (sum of isomers)	Canola	0.5
Cyproconazole	Canola	0.1
	Sorghum	0.2
	Sugar cane	0.01
Cyprodinil	Avocados	0.05
	Basil, borage, chamomile, chive, coriander, parsley and rosemary	0.5
	Berries group	3.0
	Brassica vegetables or cruciferae	0.05
	Carrots, onion bulb group, root and tuber vegetables group	0.05
	Cucurbits group	0.5
	Kiwi	2.0
	Leguminous beans group	0.05
	Lettuce and spinach	0.5
	Litchis	0.5
	Mangoes	0.5
	Papayas	2.0
	Stone fruits	0.5
	Strawberries	3.0
	Tree nuts	1.0
Cyromazine (sum of cyromazine and melamine)	Amaranthussp, cress, lettuce, leafy vegetables and spinach	0.5
	Brassica vegetables or cruciferae and turnips	1.0
	Cucurbits group	1.0
	Leguminous beans group	0.5
	Onion bulb group	1.0
	Pepper group	0.5
	Potatoes	1.0
Difenoconazole	Brassica vegetables or cruciferae	0.5
	Cucurbits group	0.1
	Ginger and root and tuber vegetables group	0.01
	Olives and onion bulb group	0.05
	Pepper group	0.5

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Sorghum	0.05
	Stone fruits	2.0
	Strawberries	0.1
	Tree nuts	0.01
Dimethomorph	Onion bulb group	0.3
Dimethyl didecyl ammonium chloride	Avocados	5.0
	Citrus group	6.0
Dithianon	Grapes	3.0
Emamectin benzoate	Brassica vegetables or cruciferae	0.01
	Canola	0.05
	Celery, lettuce and spinach	0.01
	Pepper group	0.01
	Strawberries	0.04
	Sweet corn	0.1
	Tree nuts	0.01
Epoxiconazole	Wheat	0.05
Esfenvalerate (sum of isomers)	Rooibos	0.01
Etoxazole (etoxazole)	Citrus group	0.2
Fenazaquin*	Grapes	0.2
Fenpyroximate	Citrus group	0.2
Fluazinam	Potatoes	0.01
Flubendiamide	Basil, coriander and parsley	15.0
	Brassica vegetables or cruciferae excluding cabbage	3.0
	Chinese cabbage and mustard	10.0
	Cucurbits group	0.2
	Endive, lettuce and spinach	10.0
	Leafy vegetables (except parsley and endive)	5.0
	Pepper group	2.0
Flucarbazone-sodium	Wheat	0.01
Fludioxonil	Apples and pears	5.0
	Avocados	0.05
	Basil, borage, chamomile, chive, coriander, parsley and rosemary	0.5
	Berries group	3.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Brassica vegetables or cruciferae	0.05
	Carrots and root and tuber vegetables group (except sweet potatoes)	0.05
	Citrus group	10.0
	Cucurbits group	0.5
	Kiwi	15.0
	Leguminous beans group	0.05
	Lettuce and tomatoes	0.05
	Litchis	0.05
	Mangoes	0.5
	Onion bulb group	0.5
	Papayas	0.05
	Pomegranate	3.0
	Spinach	0.5
	Stone fruits	5.0
	Strawberries	3.0
	Sweet potatoes	10.0
	Tree nuts	0.5
Fluopicolide	Tomatoes	0.5
Fluopyram	Apples	0.6
	Berries group	5.0
	Carrots	0.3
	Grapes	2.0
	Lettuce	5.0
	Onion bulb group	0.7
	Pears	0.5
	Strawberries	1.0
Fluquinconazole	Canola	0.01
Fluroxypyr	Barley	0.1
	Maize	0.05
	Wheat	0.1
Fluxapyroxad	Apples and pears	0.05
	Barley and wheat	0.01
	Citrus	0.3
Fosetyl-Al (phosphorous acid)	Citrus	50.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
Furfural	Apples	0.1
	Hops	0.1
Glufosinate ammonium	Potatoes	0.05
Glyphosate (including its metabolite aminomethly phosphoric acid)	Soya beans	10.0
Imidacloprid	Barley	0.2
	Oats	0.02
	Persimmons and pomegranates	0.01
	Sugar cane	0.03
Indoxacarb	Berries group	0.1
	Cotton	1.0**
	Hops	5.0
	Lettuce	2.0
	Pepper group	0.1
	Sorghum	0.01**
	Stone fruits	0.2
	Soya beans	0.2
	Sugar cane	0.1
Lambda-Cyhalothrin	Canola	0.5
	Cucurbits group	0.05
	Ginger and root and tuber vegetables	0.02
	Lettuce	0.05
	Pepper group	0.5
	Rooibos	0.05
	Stone fruits	0.5
	Sugarcane	0.05
	Tree nuts	0.1
Lufenuron	Potatoes	0.05
Mandipropamid*	Grapes	1.0
	Tomatoes	0.5
Metalaxyl-M (mefanoxam)	Artichoke	0.1
	Basil, bay, camomile, chive, coriander, curry leaf, dill, lavender, lemongrass, marigold, parsely (dried), rosemary, thyme and	0.05

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	wintergrass	
	Berries group	1.5
	Carrots	0.05
	Cucurbits group	1.0
	Hops	0.05
	Kiwi	0.1
	Leguminous beans group	0.05
	Lettuce	1.0
	Onion bulb group	0.05
	Pepper group	1.0
	Spinach	1.0
	Stone fruits	1.0
	Sugar beets	2.0
	Tree nuts	0.5
Metamitron*	Apples	0.01
	Pears	0.01
Methamidophos	Avocados	0.1
Methomyl	Hops	10.0
	Peas	0.2
Novaluron	Apples and pears	0.5
	Citrus group	0.5
	Leguminous beans group	0.2
	Potatoes	0.1
	Sorghum	0.2
	Soya beans	1.0
	Stone fruits	0.5
Oxamyl	Stone fruits	0.01
Penconazole	Brussels sprouts	0.02
Phosphorous acid	Mangoes	50.0
Picoxystrobin	Potatoes	0.01
	Soya beans	0.05
	Wheat	0.2
Pinoxaden	Barley	0.5
	Wheat	0.5
Pirimicarb (sum of pirimicarb, demethylpirimicarb and	Artichokes	5.0
	Asparagus	1.0
	Berries group	1.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
demethyl-formamido-pirimicarb)	Canola	1.0
	Cucurbits group	1.0
	Leafy vegetables	2.0
	Leguminous beans group	1.0
	Lettuce	5.0
	Okra	1.0
	Onion bulb group	2.0
	Pepper group	1.0
	Root and tuber vegetables (except artichokes)	1.0
	Spinach	2.0
	Stone fruits	3.0
	Strawberries	3.0
Prometryn	Peas	0.5
Propamocarb hydrochloride	Tomatoes	0.5
Propiconazole	Citrus group	6.0
	Oats	0.2
	Sorghum	0.2
	Stone fruits	0.2
Prosulfocarb	Barley	0.01
Prothioconazole	Canola	0.02
	Maize	0.05
	Soya beans	0.05
Pymetrozine	Tree nuts	0.02
Pyraclostrobin	Berries group	1.0
	Onion bulb group	4.0
	Pepper group	0.4
	Persimmons	0.02
	Strawberries	1.0
	Sunflower	0.3
	Tree nuts	0.02
	Wheat	1.0
Pyrasulfotole	Barley	0.02
	Wheat	0.02
Pyridalyldichloropropene-derivative	Cabbage	0.2
	Lettuce	17.0
Pyrimethanil	Apples	5.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Citrus group	10.0
	Onion bulb group	0.5
	Potatoes	0.05
Pyriproxyfen	Tomatoes	0.5
Pyroxasulfone	Wheat	0.02
Pyroxsulam	Wheat	0.01
Quinoxyfen	Strawberries	0.5
Spinetoram	Berries group, figs, tree nuts, persimmons and pomegranates	0.01
	Grapes	0.5
	Olives	0.01
	Potatoes	0.01
	Rooibos	0.01
Spinosad	Berries group	0.05
Spirodiclofen	Citrus group	0.1
Spirotetramat	Apples and pears	0.7
	Brassica vegetables or cruciferae	10.0
	Citrus group	1.0
	Cucurbits group	1.0
	Grapes	1.0
	Leafy vegetables and spinach	5.0
	Lettuce	5.0
	Pepper group	1.0
	Potatoes	0.1
Sulfoxaflor	Apples	0.3
	Grapes	1.0
	Pears	0.3
	Tomatoes	1.5
Tebuconazole	Apples	0.3
	Brassica vegetables or cruciferae	0.1
	Canola	2.5
	Carrots	0.02
	Maize	0.02
	Onion bulb group	0.18
	Pears	0.3
	Sorghum	5.0
	Stone fruits	1.0

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**
Terbutryn	Carrots	0.05
Thiacloprid	Brassica vegetables or cruciferae	0.1
	Carrots	0.1
	Potatoes	0.2
Thiamethoxam (sum of thiamethoxam and its metabolite CGA 322704)	Bananas	0.05
	Barley	0.01
	Berries group	0.2
	Cucurbits group	0.2
	Leguminous beans group, sunflower and groundnuts	0.02
	Oats and rye	0.1
	Pepper group	0.1
	Potatoes	0.1
	Sugar cane	0.05
Thiram (mg CS2/kg)	Rooibos	0.01
Trifloxystrobin	Barley	0.1
	Brassica vegetables or cruciferae	0.02
	Carrots	0.02
	Onion bulb group	0.02
	Soya beans	0.05

* Provisional maximum residue limits pending final risk assessment by the Department of Health.

** Provisional maximum residue limits pending data to confirm the proposed maximum residue limits.

(b) the deletion of the following particulars—

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**	**Reason**
Abamectin	Plums	0.01	Grouped as stone fruits
Aldicarb (sum of aldicarb, its sulphoxide and sulphone, expressed as aldicarb)	Bananas and coffee	0.5	Prohibited - Notice862 of 29 July 2016
	Citrus, grapes and tomatoes	0.2	
	Cotton seed and sugar cane	0.1	
	Hops (dry)	2.0	
	Sweet potatoes and groundnuts	0.1	
	Macadamia nuts, mealies (green), pecan	0.05	

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**	**Reason**
	nuts and pineapples		
	Potatoes	1.0	
Aldrin (HHDN) (sum of HHDN and HEOD)	See dieldrin		Prohibited - Notice 862 of 29 July 2016
Azoxystrobin	Broccoli	0.20	Grouped as Brassica vegetables or cruciferae
	Brussel sprouts	0.05	
	Cabbage	0.01	
	Cauloflower	0.20	
Boscalid (boscalid)	Tomatoes	0.01	MRL revised
Chlorothalonil	Beans	3.0	Grouped as Leguminous beans group
	Peas	0.3	
Cyromazine	Potatoes	0.05	MRL revised
Dimethyl didecyl ammonium chloride	Avocadoes	2.0	MRL revised
	Citrus	2.0	MRL revised
Dinoseb	Mealies (green)	0.05	Prohibited - Notice 862 of 29 July 2016
Endosulfan (sum of alpha-and beta-endosulfan and endosulfan sulphate)	Apples	0.5	Prohibited - Notice 853 of 2012
	Apricots	0.5	
	Beans	1	
	Boysenberries	1	
	Cherries	0.5	
	Citrus	1	
	Coffee	0.5	
	Cotton seed	0.2	
	Cruciferae	1	
	Cucurbits	0.5	
	Granadillas	0.05	
	Grapes	0.5	
	Groundnuts	0.2	
	Hops (dry)	20.0	
	Macadamia nuts	0.05	
	Mealies (green)	0.5	
	Onions	0.1	
	Paprika (dry)	1.0	
	Peaches	0.5	
	Pears	0.5	
	Peas	0.5	

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**	**Reason**
	Pineapples	0.05	
	Plums	0.5	
	Potatoes	0.05	
	Quinces	0.5	
	Sorghum	0.5	
	Sugar cane	0.1	
	Sunflower seed	0.1	
	Tomatoes	0.5	
	Wheat	0.5	
	Youngberries	1.0	
Fosetyl-Al (phosphorous acid)	Citrus	15.0	MRL revised
Indoxacarb	Peaches	0.20	MRL revised and grouped as stone fruits
Lambda-cyhalothrin	Apricots	0.5	Grouped as stone fruits
	Peaches	0.5	
	Plums	0.2	
	Macadamia nuts	0.01	Grouped as tree nuts
Methomyl	Hops	0.1	MRL revised
Novaluron	Apples and pears	0.05	MRLs revised
	Citrus (orange)	0.50	
	Dry beans (seed), soya beans (seed)	0.10	
	Peaches, nectarines	0.05	
	Potatoes	0.01	
	Sorghum	0.02	
Pirimicarb (sum of pirimicarb, demethylpirimicarb and demethyl-formamido-pirimicarb)	Peaches	0.5	Grouped as stone fruits
Prometryn	Peas	0.05	MRL revised
Pyraclostrobin (sum of pyraclostrobin and its metabolite BF 500-3)	Citrus	0.1	MRL revised
Pyrimethanil	Apples	0.5	MRL revised
	Citrus (orange)	10.0	Grouped as citrus

I **Chemical Substance**	II **Foodstuff**	III **MRL (mg/kg)**	**Reason**
Spirodiclofen (spirodiclofen)	Citrus	0.01	MRL revised
Tebuconazole	Onions	0.05	MRL revised

DR A MOTSOALEDI, MP
MINISTER OF HEALTH
DATE: 4/3/2014