DEPARTMENT OF HEALTH

NO. 4388 **16 February 2024**

FOODSTUFFS, COSMETICS AND DISINFECTANTS ACT, 1972 (ACT No. 54 OF 1972)

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

The Minister of Health intends, in terms of Section 15 (1) of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act 54 of 1972), to make the Regulations in the Schedule.

DR M.J. PHAAHLA, MP
MINISTER OF HEALTH
DATE: 11/12/2023

SCHEDULE

Definitions

1. In these regulations, any expression defined in the Act bears that meaning and, unless the context otherwise indicates: -

"Regulations" means the Regulations Governing the Maximum Limits for Pesticide Residues that May be Present in Foodstuffs 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, No. R. 46 of 19 January 2012 and 10 February 2020; and

"the Act" means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972).

Amendment of the Annex to the Regulations

2. The Regulations are hereby amended by the insertion of the following particulars in the Annex to the Regulations —

I **Chemical Substance**	I **Foodstuff**	I **MRL (mg/kg)**
Abamectin	Barley	0.01
	Cucurbits group	0.01
	Grapes	0.01
	Onion bulb group	0.01
	Wheat	0.01
Acephate	Tree nuts	0.02
Acetamiprid	Brassica vegetables or cruciferae	1.0
	Berries group	2.0
	Cucurbits group	0.5
	Tree nuts	0.1
Acetochlor	Soybeans	0.02

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Chemical Substance	Foodstuff	MRL (mg/kg)
Acrinathrin	Citrus group	0.2
Ametoctradin	Grapes	5.0
	Potatoes	0.01
Amisulbrom	Grapes	0.5
	Potatoes	0.01
Azoxystrobin	Asparagus	0.05
	Avocados	0.05
	Chrysanthemums	0.01
	Citrus group	10.0
	Clover	3.0
	Coriander	70.0
	Dandelion	0.01
	Fennel	10.0
	Granadillas (passion fruit)	4.0
	Lettuce (head/ leaf)	3.0
	Parsley	70.0
	Peppers	0.05
	Pomegranates	0.01
	Spinach	0.05
	Wheat	0.3
Benzovindiflupyr	Maize	1.0
	Wheat	1.0
Bifenthrin	Maize	0.05
	Tree nuts	0.05
Boscalid	Apples	2.0
	Cucurbits group	0.2
	Groundnuts	0.05
	Maize	0.2
	Soya beans	3.0
	Stone fruits	3.0
	Sweetcorn	0.2
Carfentrazone-ethyl	Barley	0.05
	Grapes	0.01

Chemical Substance	Foodstuff	MRL (mg/kg)
	Wheat	0.05
Chlorantraniliprole	Avocados	0.01
	Barley	0.02
	Canola	2.0
	Grapes (table)	1.0
	Groundnuts	0.01
	Lentils	0.01
	Litchis	0.01
	Maize	0.02
	Oats	0.02
	Soya beans	0.05
	Sunflower	2.0
	Wheat	0.02
Chlorothalonil	Asparagus	0.01
	Barley	0.3
	Cassava	0.3
	Chrysanthemums	0.01
	Clover	0.3
	Coriander	5.0
	Dandelion	0.01
	Fennel	0.01
	Granadillas (passion fruit)	0.01
	Lettuce (head/ leaf)	0.01
	Parsley	5.0
	Spinach	0.01
	Sorghum grain	0.01
	Sunflowers	0.01
	Sweet potatoes	0.01
	Tree nuts	0.01
Chlorotoluron	Wheat	0.1
Clethodim	Beans	0.01
	Cabbages	0.5
	Cucurbits group	0.01

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Chemical Substance	Foodstuff	MRL (mg/kg)
	Soya beans	0.01
Clomazone	Soya beans	0.02
Clopyralid	Maize	0.1
Clothianidin	Barley	0.05
	Citrus group	0.01
	Grapes	0.01
	Macadamia nuts	0.01
	Maize	0.1
	Sunflower	0.02
	Wheat	0.05
Copper hydroxide	Onions	5.0
Copper oxychloride and other copper salts (elemental copper)	Stone fruits	20.0
Cyantraniliprole	Apples	0.5
	Citrus group	1.0
	Grapes	1.0
	Pears	0.5
	Potatoes	0.01
	Stone fruits	1.0
	Tomatoes	0.5
Cypermethrin	Lupins	0.5
Cyprodinil	Bay leaves	0.5
	Curry leaves	0.5
	Dill	0.5
	Elderberries	3.0
	Huckleberries	3.0
	Hyssop	0.5
	Lavender	0.5
	Lemongrass	0.5
	Marigolds	0.5
	Marjoram	0.5
	Sage	0.5
	Tarragon	0.5

Chemical Substance	Foodstuff	MRL (mg/kg)
	Thyme	0.5
	Wintergreen	0.5
Dichlorprop-p	Citrus group	0.3
Dichlorvos	Apples	0.1
	Citrus group	0.1
	Guavas	0.1
	Pears	0.1
	Persimmons	0.01
	Stone fruits	0.1
Diclosulam	Groundnuts	0.02
	Soya beans	0.02
Difenoconazole	Barley	0.05
	Peppers	0.8
	Tomatoes	2.0
	Wheat	0.1
Diflubenzuron	Maize	0.05
	Sweetcorn	0.05
Diflufenican	Stone fruits	0.1
	Wheat	0.05
Dimethyl didecyl ammonium chloride	Brassica vegetables or cruciferae	0.1
	Grapes	0.1
	Onion bulb group	0.1
	Pepper group	5.0
	Pomegranates	0.1
	Potatoes	0.1
	Stone fruits	0.1
	Strawberries	0.5
	Sweet potatoes	0.1
	Tomatoes	3.0
Emamectin benzoate	Barley	0.01
	Citrus group	0.01
	Grapes	0.05

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Chemical Substance	Foodstuff	MRL (mg/kg)
	Groundnuts	0.01
	Leguminous beans group	0.02
	Pomegranates	0.01
	Potatoes	0.01
	Sorghum	0.01
	Soya beans	0.01
	Stone fruits	0.03
	Sugar cane	0.01
	Sunflower	0.01
	Wheat	0.01
Epoxiconazole	Barley	0.01
	Coffee	0.05
	Maize	0.01
	Sugarcane	0.05
Esfenvalerate	Macadamia nuts	0.05
	Sugar cane	0.02
Ethoprophos	Onions	0.02
Fenazaquin	Stone fruits	0.5
Fenhexamid	Strawberries	5.0
Fenpyroximate	Grapes	0.1
	Pepper group	0.3
	Stone fruits	0.3
Fipronil	Grapes	0.01
Florasulam	Barley	0.01
Flubendiamide	Cabbage	0.05
	Maize	0.01
	Potatoes	0.05
	Tomatoes	0.1
Fludioxonil	Barley	0.05
	Bay leaves	0.5
	Curry leaves	0.5
	Dill	0.5
	Elderberries	3.0

Chemical Substance	Foodstuff	MRL (mg/kg)
	Huckleberries	3.0
	Hyssop	0.5
	Lavender	0.5
	Lemongrass	0.5
	Marigolds	0.5
	Marjoram	0.5
	Pepper group	1.0
	Potatoes	5.0
	Sage	0.5
	Tarragon	0.5
	Thyme	0.5
	Wheat	0.05
	Wintergreen	0.5
Fluensulfone (Sum of fluensulfone and 3,4,4–trifluorobut-3-ene-1-sulfonic acid (BSA), expressed as fluensulfone equivalents)	Cucurbits group	0.2
	Potatoes	1.0
	Tomatoes	0.08
Flumetsulam	Groundnuts	0.02
	Soybeans	0.02
Fluopyram	Citrus group	0.01
	Maize	0.02
	Potatoes	0.5
	Sweetcorn / Green mealies	0.1
	Soybeans	0.2
	Tomatoes	0.5
Fluoxastrobin	Citrus group	0.3
	Maize	0.2
	Potatoes	0.1
	Sugar cane	0.05
Flupyradifurone	Barley	0.3
	Stone fruits	0.05
	Tomatoes	0.3

Chemical Substance	Foodstuff	MRL (mg/kg)
	Wheat	0.2
Flutriafol	Maize	0.2
Fluxapyroxad	Barley	2.0
	Maize	0.01
	Wheat	0.3
Folpet	Potatoes	0.01
Fosetyl-Al (phosphorous acid)	Apples	75.0
	Avocados	75.0
Glufosinate ammonium	Grapes	0.05
Glyphosate	Citrus group	0.5
	Grapes	0.01
	Stone fruits	0.1
Halauxifen-methyl	Wheat	0.01
Hexaconazole	Wheat	0.02
Hexazinone	Sugarcane	0.01
Imazalil	Mangoes	0.5
Imidacloprid	Bananas	0.05
	Potatoes	0.5
Indaziflam *N*-[(1*R*,2*S*)-2,3-dihydro-2,6-dimethyl-1*H*-inden-1-yl]-6-(1-fluoroethyl)-1,3,5-triazine-2,4-diamine, including the metabolite 6-[(1*R*)-1-fluoroethyl]-1,3,5-triazine-2,4-diamine	Apples	0.01
	Citrus group	0.01
	Grapes	0.01
	Macadamia nuts	0.01
	Pears	0.01
	Pecan nuts	0.01
	Stone fruits	0.01
Indoxacarb	Barley	0.5
	Canola	0.05
	Oats	0.5
	Wheat	0.5
Ioxynil	Barley	0.05
	Wheat	0.05
Ipconazole	Maize	0.01
Iprodione	Potatoes	0.05

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Chemical Substance	Foodstuff	MRL (mg/kg)
Lambda-cyhalothrin	Grapes	0.2
	Soya beans	0.05
	Sunflower	0.2
Lufenuron	Barley	0.02
	Groundnuts	0.02
	Leguminous beans group	0.02
	Maize	0.05
	Sorghum	0.02
	Soya beans	0.02
	Sunflower	0.02
	Sweetcorn	0.05
	Wheat	0.02
Mandipropamid	Onions	0.1
Metalaxyl	Maize	0.05
	Soya beans	0.05
Metalaxyl-M (Mefenoxam)	Barley	0.05
	Clover	2.0
	Wheat	0.05
Methoxyfenozide	Avocados	0.3
	Brassica vegetables or cruciferae	1.0
	Citrus group	0.5
	Cucurbits group	0.5
	Lettuce	1.0
	Litchis	1.0
	Maize	1.0
	Peas	0.5
	Pepper group	0.05
	Pomegranates	0.6
	Sorghum	0.05
	Spinach	1.0
	Stone fruits	2.0
	Sweetcorn	1.0

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Chemical Substance	Foodstuff	MRL (mg/kg)
	Tree nuts	3.0
Metobromuron	Potatoes	0.01
Myclobutanil	Stone fruits	3.0
Novaluron	Brassica vegetables or cruciferae	1.0
	Canola	0.01
	Cucurbits group	0.2
	Maize	0.5
	Sweetcorn	0.5
	Tree nuts.	0.01
	Wheat	0.01
Oxamyl	Maize	0.5
Oxyfluorfen	Onions	0.05
Penflufen	Maize	0.01
	Potatoes	0.01
	Soya beans	0.01
Phosphorous acid	Avocados	75.0
	Mangoes	75.0
Picoxystrobin	Maize	0.01
Propiconazole	Tree nuts	0.05
Propineb	Apples	3.0
Prothioconazole	Potatoes	0.01
Pydiflumetofen	Apples	0.2
	Barley	2.0
	Cucurbits group	0.2
	Grapes	2.0
	Maize	1.0
	Pepper group	0.5
	Potatoes	0.01
	Tomatoes	0.5
	Wheat	1.0
Pymetrozine	Asparagus	0.02
	Aubergines (eggplant)	0.5

Chemical Substance	Foodstuff	MRL (mg/kg)
	Brassica vegetables or cruciferae	0.05
	Carrots	0.02
	Celery	0.02
	Citrus group	0.3
	Cucurbits group	0.5
	Leafy vegetables except celery and rhubarb	2.0
	Lettuce (head ad leaf)	2.0
	Pepper group	1.0
	Potatoes	0.02
	Rhubarb	0.02
	Root and tuber vegetables	0.02
	Spinach	0.4
	Strawberries	0.5
	Tomatoes	0.5
Pyraclostrobin	Sugarcane	0.05
	Sweetcorn	0.03
	Tomatoes	0.3
Pyridate	Cabbage	0.03
	Maize	0.15
	Onions	0.03
Pyrimethanil	Cherries	4.0
	Pepper group	2.0
	Pomegranates	0.01
	Stone fruits (except cherries)	5.0
	Strawberries	5.0
	Tomatoes	1.0
Pyriproxyfen	Grapes	0.05
Pyroxasulfone	Maize	0.01
Spinetoram	Avocados	0.05
	Cabbage	0.01
	Hops	0.05

I **Chemical Substance**	I **Foodstuff**	I **MRL (mg/kg)**
	Maize	0.01
	Sorghum	0.05
	Sweetcorn	0.01
	Tomatoes	0.02
Spinosad	Canola	0.02
	Cherries	0.3
	Strawberries	0.3
Spirotetramat	Maize	0.1
	Stone fruits	3.0
	Tomatoes	1.0
Sulfosulfuron	Wheat	0.02
Sulfoxaflor	Brassica vegetables or cruciferae	0.5
	Citrus group	0.3
	Cotton	0.5
	Cucurbits group	0.5
	Lettuce	0.05
	Pepper group	1.0
	Potatoes	0.05
	Stone fruits	0.04
	Strawberries	0.5
	Tree nuts	0.02
Sulfuryl Fluoride	Almond	0.5
	Barley	2.0
	Butternut	2.0
	Cashew	0.2
	Cotton seed	2.0
	Date (dried)	2.0
	Fig (dried)	2.0
	Herbs and spices	0.5
	Macadamia nuts	0.2
	Millet	2.0
	Oats	2.0

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Chemical Substance	Foodstuff	MRL (mg/kg)
	Other dried fruit (stone fruits)	2.0
	Peanuts	0.2
	Raisins	2.0
	Rice	0.05
	Sorghum	2.0
	Leguminous beans group	0.5
	Wheat	2.0
Tau-fluvalinate	Macadamia nuts	0.01
Tebuconazole	Berries group	1.5
	Pomegranates	0.02
	Sugar cane	0.02
Tembotrione	Sugar cane	0.02
Thiacloprid	Berries group	1.0
	Citrus group	0.05
	Nectarines	0.1
Thiamethoxam	Cabbage	0.02
	Canola	0.05
	Maize	0.05
	Wheat	0.01
Tribenuron-methyl	Barley	0.05
	Wheat	0.05
Trifloxystrobin	Groundnuts	0.02
Trinexapac-ethyl	Barley	3.0
	Sugar cane	0.1
Valifenalate	Grapes	1.2
	Potatoes	0.01
	Tomatoes	0.1

3. The Regulations are hereby amended by the deletion of the following particulars in the Annex to the Regulations —

Chemical Substance	Foodstuff	MRL (mg/kg)	Reason
Acetamiprid	Apples, pears	0.05	Amended to 0.5mg/kg by amendment No. R. 46 of 2012
Azoxystrobin	Citrus	0.05	MRL revised
	Wheat	0.2	MRL revised
Cartap	Cabbage	150.0	Temporary ADI withdrawn by Codex Committee on Pesticide Residues (CCPR)
	Tomatoes	10.0	
Cartap hydrochloride	Beans	1.5	
	Onions	5.0	
	Peas	2.0	
Chlorpyrifos	Apples	0.05	Human health concerns
	Apricots	0.05	
	Bananas	1.0	
	Barley	0.05	
	Broccoli	0.1	
	Brussels sprouts	0.1	
	Cabbage	0.1	
	Canola	0.3	
	Carrots	0.05	
	Cauliflower	0.1	
	Citrus	0.3	
	Cruciferae	0.1	
	Grapes	0.5	
	Grapes (wine)	0.5	
	Lettuce	0.05	
	Macadamia nuts	0.01	
	Mangoes	0.01	
	Mealies (green)	0.05	
	Peaches	0.05	
	Pears	0.05	

Chemical Substance	Foodstuff	MRL (mg/kg)	Reason
	Persimmons	0.1	
	Plums	0.05	
	Potatoes	0.05	
	Tomatoes	0.5	
	Wheat	0.05	
Clothianidin	Oranges	0.01	Grouped as citrus group
Copper oxychloride and other copper salts	Apricots	20.0	Grouped as stone fruits
	Cherries	20.0	
	Peaches	20.0	
	Plums	20.0	
Dichlorvos	Cherries	0.1	Grouped as stone fruits
Dieldrin (HEOD)	Cereal grains	0.02	Banned in 1983 Government Notice No. R. 384 of 25 February 1983
	Milk	0.006	
Difenoconazole	Pepper group	0.5	MRL revised
	Tomatoes	0.5	MRL revised
Fluxapyroxad	Barley	0.01	MRL revised
	Wheat	0.01	MRL revised
Fosetyl-Al (phosphorous acid)	Avocados	50.0	MRL revised
Gamma-BHC (gamma-HCH)	Apples	1.0	Banned in 2009 Government Notice No. R. 592, of 29 May 2009
	Apricots	1.0	
	Beans	1.0	
	Cruciferae	1.0	
	Peaches	1.0	
	Pears	1.0	
	Peas	1.0	
	Plums	1.0	
	Cotton seed	0.1	
	Milk	0.01	

Chemical Substance	Foodstuff	MRL (mg/kg)	Reason
	Onions	0.2	
	Potatoes	0.2	
	Sweet potatoes	0.2	
Lambda-cyhalothrin	Grapes (table)	0.2	MRL to include both table and wine grapes
Parathion	Quinces	0.5	Use is not supported, as per the label Withdrawn for use on deciduous fruit and vineyards in 1992 Withdrawn for use on beans, coffee, cotton, groundnuts, mangoes, ornamentals, as well as for the control of short-horned grasshopper on various crops in June 1993
	Beans	0.05	
	Cotton seed	0.05	
	Groundnuts	0.05	
	Coffee	0.2	
	Mangoes	0.1	
Phosphorous acid	Mangoes	50.0	MRL revised
Propham	Potatoes	50.0	Banned in 2016. Government Notice No. 862, of 29 July 2016
Propiconazole	Pecan nuts	0.05	Grouped as tree nuts
Pymetrozine	Cabbage	0.02	Grouped as Brassica vegetables or cruciferae
Pyraclostrobin	Tomatoes	0.01	MRL revised
Pyrimethanil	Nectarines, peaches, plums	5.0	Grouped as stone fruits

Chemical Substance	Foodstuff	MRL (mg/kg)	Reason
Spinosad [the sum of spinosad (spinosyns A and D) and its metabolites spinosyn K, spinosyn B and N-demethyl spinosyn]	Grapes (table)	0.01	Amended to 0.1mg/kg by amendment No. R. 548 of 2010
Vinclozolin (sum of vinclozolin and all metabolites containing 3,5dichloroanaline, expressed as vinclozolin)	Grapes	3.0	Withdrawn in 1995
	Strawberries	1.0	Voluntarily withdrawn

Short title

4. These Regulations are called Regulations Governing the Maximum Limits for Pesticide Residues that May Be Present in Foodstuffs: Amendment, 2023.