

## DEPARTMENT OF HEALTH


NO. 2822

2 December 2022

**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.

Interested persons are invited to submit substantive comments, 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 [foodcontrol@health.gov.za](mailto:foodcontrol@health.gov.za).

  
DR M.J PHAAHLA, MP  
MINISTER OF HEALTH

DATE: 17/10/2022

## 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 20 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—

(a) the insertion of the following particulars in the Annex to the Regulations —

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

<b>Acetochlor</b>	Soybeans	0.02
<b>Acrinathrin</b>	Citrus group	0.2
<b>Ametoctradin</b>	Grapes	5.0
	Potatoes	0.01
<b>Amisulbrom</b>	Grapes	0.5
	Potatoes	0.01
<b>Azoxystrobin</b>	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
<b>Benzovindiflupyr</b>	Maize	1.0
	Wheat	1.0
<b>Bifenthrin</b>	Maize	0.05
	Tree nuts	0.05
<b>Boscalid</b>	Apples	2.0
	Cucurbits group	0.2
	Groundnuts	0.05
	Maize	0.2
	Soya beans	3.0
	Stone fruits	3.0
	Sweetcorn	0.2
<b>Carfentrazone-ethyl</b>	Barley	0.05
	Grapes	0.01
	Wheat	0.05



<b>Chlorantraniliprole</b>	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
<b>Chlorothalonil</b>	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
<b>Chlorotoluron</b>	Wheat	0.1
<b>Clethodim</b>	Beans	0.01
	Cabbages	0.5
	Cucurbits group	0.01
	Soya beans	0.01
<b>Clomazone</b>	Soya beans	0.02
<b>Clopyralid</b>	Maize	0.1

<b>Clothianidin</b>	Barley	0.05
	Citrus group	0.01
	Grapes	0.01
	Macadamia nuts	0.01
	Maize	0.1
	Wheat	0.05
<b>Copper hydroxide</b>	Onions	5.0
<b>Copper oxychloride and other copper salts (elemental copper)</b>	Stone fruits	20.0
<b>Cyantraniliprole</b>	Apples	0.5
	Citrus group	1.0
	Grapes	1.0
	Pears	0.5
	Potatoes	0.01
	Stone fruits	1.0
	Tomatoes	0.5
<b>Cypermethrin</b>	Lupins	0.5
<b>Cyprodinil</b>	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
	Thyme	0.5
	Wintergreen	0.5
<b>Dichlorprop-p</b>	Citrus group	0.3
<b>Dichlorvos</b>	Apples	0.1
	Citrus group	0.1
	Guavas	0.1

	Pears	0.1
	Persimmons	0.01
	Stone fruits	0.1
<b>Diclosulam</b>	Groundnuts	0.02
	Soya beans	0.02
<b>Difenoconazole</b>	Barley	0.05
	Peppers	0.8
	Tomatoes	2.0
	Wheat	0.1
<b>Diffubenzuron</b>	Maize	0.05
	Sweetcorn	0.05
<b>Diflufenican</b>	Stone fruits	0.1
	Wheat	0.05
<b>Dimethyl didecyl ammonium chloride</b>	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
<b>Emamectin benzoate</b>	Barley	0.01
	Citrus group	0.01
	Grapes	0.05
	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
<b>Epoxiconazole</b>	Barley	0.01
	Coffee	0.05
	Maize	0.01
	Sugarcane	0.05
<b>Esfenvalerate</b>	Macadamia nuts	0.05
	Sugar cane	0.02
<b>Ethoprophos</b>	Onions	0.02
<b>Fenazaquin</b>	Stone fruits	0.5
<b>Fenhexamid</b>	Strawberries	5.0
<b>Fenpyroximate</b>	Grapes	0.1
	Pepper group	0.3
	Stone fruits	0.3
<b>Fipronil</b>	Grapes	0.01
<b>Florasulam</b>	Barley	0.01
<b>Flubendiamide</b>	Cabbage	0.05
	Maize	0.01
	Potatoes	0.05
	Tomatoes	0.1
<b>Fludioxonil</b>	Barley	0.05
	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
	Pepper group	1.0
	Potatoes	5.0
	Sage	0.5
	Tarragon	0.5



	Thyme	0.5
	Wheat	0.05
	Wintergreen	0.5
<b>Fluensulfone</b> (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
<b>Flumetsulam</b>	Groundnuts	0.02
	Soybeans	0.02
<b>Fluopyram</b>	Citrus group	0.01
	Maize	0.02
	Potatoes	0.5
	Sweetcorn / Green mealies	0.1
	Soybeans	0.2
	Tomatoes	0.5
<b>Fluoxastrobin</b>	Citrus group	0.3
	Maize	0.2
	Potatoes	0.1
	Sugar cane	0.05
<b>Flupyradifurone</b>	Barley	0.3
	Stone fruits	0.05
	Tomatoes	0.3
	Wheat	0.2
<b>Flutriafol</b>	Maize	0.2
<b>Fluxapyroxad</b>	Barley	2.0
	Wheat	0.3
<b>Folpet</b>	Potatoes	0.01
<b>Fosetyl-Al (phosphorous acid)</b>	Apples	75.0
	Avocados	75.0
<b>Glufosinate ammonium</b>	Grapes	0.05
<b>Glyphosate</b>	Citrus group	0.5
	Grapes	0.01
	Stone fruits	0.1
<b>Halauxifen-methyl</b>	Wheat	0.01



<b>Hexaconazole</b>	Wheat	0.02
<b>Hexazinone</b>	Sugarcane	0.01
<b>Imazalil</b>	Mangoes	0.5
<b>Imidacloprid</b>	Bananas	0.05
	Potatoes	0.5
<b>Indaziflam</b> <i>N</i> -[(1 <i>R</i> ,2 <i>S</i> )-2,3-dihydro-2,6-dimethyl-1 <i>H</i> -inden-1-yl]-6-(1-fluoroethyl)-1,3,5-triazine-2,4-diamine, including the metabolite 6-[(1 <i>R</i> )-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
<b>Indoxacarb</b>	Barley	0.5
	Canola	0.05
	Oats	0.5
	Wheat	0.5
<b>Ioxynil</b>	Barley	0.05
	Wheat	0.05
<b>Ipconazole</b>	Maize	0.01
<b>Iprodione</b>	Potatoes	0.05
<b>Lambda-cyhalothrin</b>	Grapes	0.2
	Soya beans	0.05
	Sunflower	0.2
<b>Lufenuron</b>	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
<b>Mandipropamid</b>	Onions	0.1
<b>Metalaxyl-M (Mefenoxam)</b>	Barley	0.05
	Clover	2.0

	Wheat	0.05
<b>Methoxyfenozone</b>	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
	Tree nuts	3.0
<b>Metobromuron</b>	Potatoes	0.01
<b>Novaluron</b>	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
<b>Oxamyl</b>	Maize	0.5
<b>Oxyfluorfen</b>	Onions	0.05
<b>Penflufen</b>	Potatoes	0.01
<b>Phosphorous acid</b>	Avocados	75.0
	Mangoes	75.0
<b>Picoxystrobin</b>	Maize	0.01
<b>Propiconazole</b>	Tree nuts	0.05
<b>Propineb</b>	Apples	3.0
<b>Prothioconazole</b>	Potatoes	0.01

<b>Pydiflumetofen</b>	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
<b>Pymetrozine</b>	Asparagus	0.02
	Aubergines (eggplant)	0.5
	Brassica vegetables or cruciferae	0.02
	Carrots	0.02
	Celery	0.02
	Citrus group	0.3
	Cucurbits group	0.5
	Leafy vegetables	2.0
	Lettuce (head and leaf)	2.0
	Parsely	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
<b>Pyraclostrobin</b>	Sugarcane	0.05
	Sweetcorn	0.03
	Tomatoes	0.03
<b>Pyridate</b>	Cabbage	0.03
	Maize	0.15
	Onions	0.03
<b>Pyrimethanil</b>	Cherries	4.0
	Pepper group	2.0



	Pomegranates	0.01
	Stone fruits (except cherries)	5.0
	Strawberries	5.0
	Tomatoes	1.0
<b>Pyriproxyfen</b>	Grapes	0.05
<b>Pyroxasulfone</b>	Maize	0.01
<b>Spinetoram</b>	Avocados	0.05
	Cabbage	0.01
	Hops	0.05
	Maize	0.01
	Sorghum	0.05
	Sweetcorn	0.01
	Tomatoes	0.02
<b>Spinosad</b>	Canola	0.02
	Cherries	0.3
	Strawberries	0.3
<b>Spirotetramat</b>	Maize	0.1
	Stone fruits	3.0
	Tomatoes	1.0
<b>Sulfosulfuron</b>	Wheat	0.02
<b>Sulfoxaflor</b>	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
<b>Sulfuryl Fluoride</b>	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
	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
<b>Tau-fluvalinate</b>	Macadamia nuts	0.01
<b>Tebuconazole</b>	Berries group	1.5
	Pomegranates	0.02
	Sugar cane	0.02
<b>Tembotrione</b>	Sugar cane	0.02
<b>Thiacloprid</b>	Berries group	1.0
	Citrus group	0.05
	Nectarines	0.1
<b>Thiamethoxam</b>	Cabbage	0.02
	Canola	0.05
	Maize	0.05
	Wheat	0.01
<b>Tribenuron-methyl</b>	Barley	0.05
	Wheat	0.05
<b>Trifloxystrobin</b>	Groundnuts	0.02
<b>Trinexapac-ethyl</b>	Barley	3.0
	Sugar cane	0.1
<b>Valifenalate</b>	Grapes	1.2
	Potatoes	0.01
	Tomatoes	0.1

(b) 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
Clothianidin	Oranges	0.01	Grouped as citrus group
Dieldrin (HEOD)	Cereal grains	0.02	Banned in 1983.
	Milk	0.006	Government Notice No. R. 384 of 25 February 1983.
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.
	Apricots	1.0	Government Notice No. R. 592, of 29 May 2009.
	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	
	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.
	Beans	0.05	



Chemical Substance	Foodstuff	MRL (mg/kg)	Reason
	Cotton seed	0.05	Withdrawn for use on deciduous fruit and vineyards in 1992.
	Groundnuts	0.05	
	Coffee	0.2	
	Mangoes	0.1	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.
Phosphorous acid	Mangoes	50.0	MRL revised
Propham	Potatoes	50.0	Banned in 2016. Government Notice No. 862, of 29 July 2016.
Pyraclostrobin	Tomatoes	0.01	MRL revised
Pyrimethanil	Nectarines, peaches, plums	5.0	Grouped as stone fruits
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 3,5dichloroaniline, expressed as vinclozolin)	Grapes	3.0	Withdrawn in 1995.
	Strawberries	1.0	Voluntarily withdrawn.

(c) the revocation of the following particulars in the Annex to the Regulations after phase out period, the phase out period will be determined by the Registrar Act 36 of 1947.

Chemical Substance	Foodstuff	MRL (mg/kg)
<b>Cartap</b>	Cabbage	150.0
	Tomatoes	10.0
<b>Cartap hydrochloride</b>	Beans	1.5
	Onions	5.0
	Peas	2.0
<b>Chlorpyrifos</b>	Apples	0.05
	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
	Persimmons	0.1
	Plums	0.05
	Potatoes	0.05
	Tomatoes	0.5

Chemical Substance	Foodstuff	MRL (mg/kg)
	Wheat	0.05

**Short title**

3. These Regulations are called Regulations Governing the Maximum Limits for Pesticide Residues that May Be Present in Foodstuffs: Amendment, 2022.