(10 February 2020 – to date)

FOODSTUFFS, COSMETICS AND DISINFECTANTS ACT 54 OF 1972

Government Notice 923 in Government Gazette 3530 dated 2 June 1972. Commencement date: 1 January 1973 [Proc. No 247 in Gazette No. 3669 dated 6 October 1972]

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

Government Notice R246 in Government Gazette 15486 dated 11 February 1994. as corrected by GNR 1448 in Government Gazette 15928 dated 26 August 1994. Commencement date: 11 February 1994

Government Notice R494 in Government Gazette 22351 dated 8 June 2001. Commencement date: 8 June 2001

Government Notice R525 in Government Gazette 23361 dated 3 May 2002. Commencement date: 3 May 2002

Government Notice R247 in Government Gazette 27397 dated 24 March 2005. Commencement date: 24 March 2005

Government Notice R1047 in Government Gazette 29294 dated 20 October 2006. Commencement date: 20 October 2006

Government Notice R548 in Government Gazette 33307 dated 17 June 2010. Commencement date: 17 June 2010

Government Notice R46 in Government Gazette 34958 dated 19 January 2012. Commencement date: 19 January 2012

Government Notice 119 in Government Gazette 43008 dated 10 February 2020. Commencement date: 10 February 2020.

The Minister of National Health and Welfare has, in terms of section 15(1) of the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972), made the regulations contained in the Schedule hereto

SCHEDULE

1. DEFINITIONS

In these regulations **"the Act"** means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No 54 of 1972), and any expression to which a meaning has been assigned in the Act shall have that meaning, and, unless inconsistent with the context –

(Introductory paragraph corrected by GNR 1448 of 1994)

"Annex" means the Annex to these regulations;

“beans” …….

(Definition of “beans” deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(Definition of “berries group” inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(Definition of “brassica vegetables or cruciferae” inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"cereal grains" means wheat, millet, maize, rice, sorghum, barley, oats and rye after threshing;

"chemical substance" means any agricultural remedy or stock remedy contemplated in the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947);

"Citrus fruits" …….

(Definition of "Citrus fruits" inserted by GNR 46 of 2012)

(Definition of “Citrus fruits” deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(Definition of “citrus group” inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"coffee" means the coffee berry before processing;

"contain" means the presence of a pesticide in or on a foodstuff;

(Definition of "contain" corrected by GNR 1448 of 1994)

"cruciferae" …….

(Definition of "cruciferae" deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"cucurbits" …….

(Definition of "cucurbits" deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"**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;

(Definition of "cucurbits group" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"grapes" means, unless otherwise indicated, grapes intended for the table, for making wine or for sultanas, currants or raisins;

"groundnuts, pecan nuts, macadamia nuts and walnuts" means the nuts without the shell;

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

(Definition of "leafy vegetables" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"**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;

(Definition of "leguminous beans group" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"mealies (green)" means the cobs at dough stage with leaf sheaths and stamens removed;

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

(Definition of "onion bulb group" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"peaches" includes nectarines;

"peaches only" means peaches only and excludes nectarines;

"peas" …….

(Definition of "peas" deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"peas (whole)" …….

(Definition of "peas (whole)" deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(Definition of "pepper group" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"plums" includes prunes before processing

"Pome fruits" means apples and pears, unless otherwise stated;

(Definition of "Pome fruits" inserted by GNR 46 of 2012)

"**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;

(Definition of "root and tuber vegetables group" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(New definition of "stone fruits" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

"**Stone fruits**" …….

(Definition of "Stone fruits" inserted by GNR 46 of 2012)

(Previous definition of "Stone fruits" deleted by regulation 2(b) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

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

(Definition of "tree nuts" inserted by regulation 2(a) of Government Notice 119 in Government Gazette 43008 dated 10 February 2020)

2 For the purposes of section 2(1)(a)(ii) of the Act, in so far as its *[sic]* applies and is applied to foodstuffs, no foodstuff –

(a) that is not imported and that is listed in column II of the Annex and that contains a chemical substance listed opposite thereto in column I shall be sold or manufactured for sale if such foodstuff exceeds the maximum residue limit listed opposite thereto in column III;

(b) that is not imported and that contains a chemical substance that is not listed opposite thereto in the Annex, shall be sold or manufactured for sale if such foodstuff exceeds a maximum residue limit of 0.01 mg/kg;

(Regulation 2(b) amended by GNR 494 of 2001)

(c) that is not imported and that is not listed in the Annex and that contains a chemical substance listed in column I shall be sold or manufactured for sale if such foodstuff exceeds a maximum residue limit of 0.01 mg/kg;

(Regulation 2(c) inserted by GNR 494 of 2001)

(d) that appears in the latest list of the *Codex Maximum Limits for Pesticide Residues* of the Codex Alimentarius Commission (Joint Food and Agricultural Organization/World Health Organization Food Standards Programme) or in the *Directives of the European Community* shall be imported if such foodstuff exceeds the maximum residue limits for any chemical substance for such foodstuff, specified in any of the said publications, or the highest of the maximum residue limits specified in both publications;

(Regulation 2(c) renumbered to 2(d) by GNR 494 of 2001)

(e) that contains a chemical substance that is not listed in the publications referred to in paragraph (d) or in the Annex shall be imported if such foodstuff exceeds a maximum residue limit of 0.01 mg/kg;

(Regulation 2(d) renumbered to 2(e) and amended by GNR 494 of 2001)

(f) that is imported and that is not listed in publications referred to in paragraph (d) or in the Annex and that contains a chemical substance listed in column I shall be sold or manufactured for sale if such foodstuff exceeds a maximum residue limit of 0.01 mg/kg.

(Regulation 2(f) inserted by GNR 494 of 2001)

3 For the purposes of these regulations –

(a) the metabolite of the chemical substance mentioned in column I of the Annex is included in the maximum residue limit;

(b) a pesticide residue limit, unless otherwise indicated –

(i) in the case of meat, and other animal products, is such limit in such a product when freshly produced;

(ii) in the case of any other foodstuff, is such limit in such a foodstuff at harvest (dressed for marketing).

4 The standards for the methods of analysis and sampling of pesticide residues in food shall be as laid down in the latest edition of the Codex Alimentarius Standards, Pesticides Residues in Food: Methods of Analysis and Sampling, obtainable from the Department of Health.

(Regulation 4 inserted by GNR 247 of 2005)

5 The regulations published by Government Notice No. R 2160 of 2 October 1987, as amended by Government Notice Nos. R 2893 of 31 December 1987, R 1939 of 23 September 1988, R 1932 of 17 August 1990, R 2381 of 12 October 1990, R 1041 of 17 May 1991 and R 2116 of 30 August 1991, are hereby withdrawn.

(Regulation 4 renumbered to 5 by GNR 247 of 2005)

ANNEX

I **Chemical substance**	**II** **Foodstuff**	**III** **MRL (mg/kg)**
1-naphthylacetic acid	Apples and pears	1.0
2.4-D salts and esters (2.4-dichlorophenoxy-acetic acid)	Barley, maize, rye, sorghum, sugar cane and wheat	0.5
	Citrus	2.0
	Potatoes	0.1
6-benzyl adenine	Apples	0.2
CGA 184927	Wheat	0.05
DPXL5300	Barley and wheat	0.05
EDB	See inorganic bromide	
EPTC	Dry beans, green beans, kidney beans, maize, potatoes, sugar cane, sunflower seed, sweet corn and sweet potatoes	0.05
MCPA	Barley, maize, potatoes, rye, sorghum, sugar cane and wheat	0.1
MSMA (arsenic content, calculated as MSMA)	Sugar cane	0.05
Abamectin	Apples	0.01
	Apricots	0.02
	Brassica vegetables or cruciferae	0.01
	Citrus and potatoes	0.01
	Cotton seed and tomatoes	0.05
	Peaches	0.02

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Pears and strawberries	0.01
	Soya beans	0.02
	Stone fruits (except peaches and apricots)	0.01
	Sugar cane	0.01
Acephate (acephate and methamidophos, each according to its own maximum residue limit requirement)	Apples, cruciferae and pears	3.0
	Avocados	0.01
	Citrus group	0.2
	Grapes	1.5
	Peaches, plums, potatoes and tomatoes	1.0
Acetamiprid	Apples, pears	0.5
	Barley, wheat, oats	0.05
	Canola	0.02
	Citrus	0.51[1]
	Cotton seed	0.02
	Grapes (table and wine)	1
	Potatoes	0.02
	Rooibos	0.01
	Soya beans	0.15
	Stone fruits	0.2
	Sugarcane	0.05
	Tomatoes	0.20
[1] Was 0.2 mg/kg A changed maximum residue limit is proposed as the agricultural use has been extended to be applied somewhat later in season and also more than once to control certain pests in citrus		
Acibenzolar-S-methyl (acibenzolar-S-methyl determined as its metabolite CGA 210007 and expressed as acibenzolar-S-methyl	Mangoes	0.5
	Tomatoes	0.2
Acrinathrin	Apples and pears	0.1
	Hops (dry)	10.0
	Tomatoes	0.1
Acetochlor	Groundnuts and sugar cane	0.02
	Cotton seed, maize and sorghum	0.05
Alachlor	Broccoli, Brussels sprouts, cabbage, maize, potatoes, soyabeans *[sic]* and sunflower seed	0.1
	Groundnuts, pineapples and sugar cane	0.05
Alpha-cypermethrin (alpha-cypermethrin, sum of isomers)	Apples, pears and sorghum	0.5
	Beans, cruciferae and peas	0.1
	Cotton seed, grapes, groundnuts and potatoes	0.05

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Macadamia nuts, sugar cane	0.05
	Mealies (green), peaches and tomatoes	0.2
	Rooibos	0.05
	Wheat	0.02
Aluminium phosphide	See hydrogen phosphide	
Ametryn	Bananas, pineapples and sugar cane	0.2
	Maize	0.05
Amicarbazone	Sugar cane	0.01
Aminopyralid	Barley	0.01
	Maize	0.02
	Wheat	0.01
Amitraz [sum of amitraz, calculated as N-(2.4-dimethylphenyl)-N'-methylformamidine, and N-(2.4-dimethylphenyl)-N' -methylformamidine]	Apples and cotton seed	0.5
	Citrus	0.2
	Tomatoes	0.5
Anilazine	Onions	0.05
	Tomatoes	0.1
Atrazine	Canola	0.02
	Maize, sorghum and sugar cane	0.05
Azaconazole	Mushrooms	0.05
Azinphos-methyl	Apples and pears	0.4
	Apricots, citrus and peaches	2.0
	Cotton seed, olives and potatoes	0.05
	Plums	1.0
Azocyclotin (sum of azocyclotin, cyhexatin and dicyclohexyltin oxide, expressed as cyhexatin)	Apples, peaches, pears and plums	2.0
	Hops (dry)	175.0
Azoxystrobin	Barley	0.01
	Brassica vegetables or cruciferae	5.0
	Canola	0.1
	Carrots	0.1
	Celery	5.0
	Citrus	0.5
	Cucurbits group	1.0
	Grapes	1.0
	Groundnuts	0.01
	Leguminous beans group	3.0

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Mange tout	0.5
	Mangoes	0.10
	Mealies (green)	0.05
	Olives	0.05
	Onion bulb group	10.0
	Potatoes	0.02
	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
	Tomatoes	0.50
	Tree nuts	0.01
	Wheat	0.2
Benalaxyl	Grapes	2.0
	Potatoes and tomatoes	0.05
Benfuracarb (sum of carbofuran and 3-hydroxy-carbofuran, expressed as carbofuran)	Mealies (green)	0.2
	Sorghum	0.1
Benomyl (sum of benomyl and carbendazim, expressed as carbendazim)	Apples, apricots, avocados, peaches, pears, peppers and plums	3.0
	Bananas, grapes and tomatoes	1.0
	Brussels sprouts and cucurbits	0.5
	Citrus and mangoes	5.0
	Groundnuts, peas, sugar cane and wheat	0.1
	Maize and mealies (green)	0.05
Benthiavalicarb-isopropyl (sum of benthiavalicarb-isopropyl and its stereo isomer KIF-2305-L)	Potatoes	0.01[1]
	Table grapes	0.20
[1] Limit of Detection		
Benzoximate (sum of benzoximate and its metabolite, ethyl 3-chloro-2.6-dimethoxy-benzohydroxamate)	Apples and pears	0.5
Beta-cyfluthrin	Apples, grapes, mealies (green), pears, peas and wheat	0.1
	Beans, cruciferae, peaches, sorghum and tomatoes	0.2
	Canola	0.01

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Cotton seed	0.05
	Macadamia nuts	0.02
	Potatoes	0.05
	Rooibos	0.05
Beta-cypermethrin (sum of isomers)	Apples, pears, sorghum and wheat	0.5
	Beans, cruciferae and peas	0.1
	Citrus, peaches and tomatoes	0.2
	Grapes, groundnuts, macadamia nuts, mealies (green) and plums	0.05
Bifenox	Sunflower seed	0.02
Bifenthrin	Soya beans	0.5
Biphenthrin	Apples, pears and potatoes	0.1
	Cotton sead *[sic]*	0.05
	Mealies (green)	0.05[1]
	Tomatoes	0.2
[1] Limit of Detection		
Bitertanol	Apples and pears	1.0
	Apricots, peaches and plums	0.5
	Beans	0.1
	Groundnuts	0.05
Bixafen	Maize	0.01
Boscalid (boscalid)	Berries group	0.5
	Grapes	5.00
	Onion bulb group	0.2
	Pepper group	2.0
	Persimmons	0.04
	Potatoes	0.02
	Strawberries	5.0
	Sunflower	1.0
	Tomatoes	3.0
	Tree nuts	1.0
Bromchlorphos (sum of bromchlorphos and 2.2-dichlorovinyl dimethyl phosphate, expressed as bromchlorphos)	Cruciferae	0.1
Bromophenoxim	Maize, sorghum and wheat	0.1
Bromophos	Cereal grains	8.0
	Cruciferae	0.5

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Onions	0.1
Bromopropylate	Bananas and citrus (whole fruit)	3.0
	Citrus (pulp) and cotton seed	0.2
	Grapes	1.0
Bromoxynil	Barley, maize, oats, sorghum, sugar cane and wheat	0.1
Bromuconazole	Apples	0.2
	Barley and wheat	0.02
Bupirimate (sum of bupirimate and ethirimol, expressed as bupirimate)	Apples, cucurbits and peaches	0.5
	Mangoes	0.05
	Sunflower seed	0.05
Buprofezin	Citrus and avocados	0.05
Butylate	Mealies and sugar cane	0.05
Cadusafos	Bananas and citrus	0.05
	Potatoes	0.02
Calcium arsenate (calculated as arsenic trioxide)	Citrus	0.2
Captab (captan)	Apples, apricots, boysenberries, celery, grapes, guavas, olives, peaches, pears, plums, quinces, spinach, strawberries, tomatoes and youngberries	15.0
	Potatoes	0.5
Carbaryl	Apples, apricots, beans, grapes, pears, sorghum and wheat	2.5
	Castor-oil seed, cotton seed, mealies (green) and prickly pears	0.5
	Carcass meat	0.2*
	Eggs	0.5†
	Milk	0.1‡
	Poultry	0.5§
Carbendazim (carbendazim)	Apples and pears	3.0
	Avocadoes	0.01
	Barley, dry beans, groundnuts and wheat	0.1
	Chicory	0.05
	Citrus	5.0
	Grapes	1.0
	Mangoes	0.10
	Mealies (green)	0.5
	Oats	0.10
	Peas	0.2

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Potatoes	0.05
	Tomatoes	0.2
Carbofuran (sum of carbofuran and 3-hydroxycarbofuran, expressed as carbofuran)	Cotton seed and potatoes	0.05
	Cruciferae	0.5
	Maize	0.20[1]
	Mealies (green)	0.2
	Sorghum, sugar cane, sunflower seed and wheat	0.1
[1] Carbofuran: The MRL for maize was 01 mg/kg		
Carbosulfan (sum of carbosulfan, carbofuran, 3-hydroxycarbofuran and 3-ketocarbofuran)	Grapes	0.05
	Mealies (green)	0.2
Cartap	Cabbage	150.0
	Tomatoes	10.0
Cartap hydrochloride	Beans	1.5
	Onions	5.0
	Peas	2
Chinomethionat	Apples	0.2
	Citrus, cruciferae, gooseberries, mangoes, peaches and tomatoes	0.5
	Cotton seed	0.1
	Cucurbits	0.05
Chloramizol	See imazalil	
Chlorantraniliprole	Apples, Pears	0.5
	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

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Sweet corn	1.0**
	Tomatoes	0.5
	Tree nuts	0.1
Chlorfenvinphos (sum of E- and Z-isomers)	Potatoes	0.1
Chlorimuron-ethyl	Soya beans	0.05
	Sugar cane	0.02
Chlormequat (chlormequat cation)	Pears	2.0
	Wheat	5.0
Chlorothalonil	Cruciferae, cucurbits and tomatoes	3.0
	Carrots	1.0
	Celery	10.0
	Groundnuts and potatoes	0.1
	Leguminous beans group	3.0
	Onion bulb group	0.5
	Pepper group	1.0
Chlorphenapyr	Apples, grapes (table), peaches, (nectarines), pears and tomatoes	0.5
	Citrus	0.01
	Grapes	0.5
	Plums	0.1
	Potatoes	0.01
Chlorpropham	Potatoes	50.0
Chlorpyrifos	Apples, apricots, carrots, lettuce, mealies (green), peaches, pears, plums, potatoes and wheat	0.05
	Bananas	1.0
	Barley	0.05
	Canola	0.3
	Citrus	0.3
	Cruciferae	0.1
	Grapes (wine)	0.5
	Macadamia nuts, mangoes	0.01
	Persimmons	0.1
	Tomatoes	0.5
Chlorpyrifos-methyl	Cereal grains	8.0
Chlorsulfuron	Barley, oats and wheat	0.05
Clethodim	Apples, citrus group, grapes, pears and stone fruits	0.01
	Canola	0.1

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Clofentezine	Apples and pears	0.5
	Tomatoes	0.2
Clomazone	Sugar cane	0.01
Clothianidin	Bananas	0.02
	Oranges	0.01
	Sugar cane	0.02
Copper oxychloride and other copper salts (elemental copper)	Apples, apricots, avocados, beans, boysenberries, celery, cherries, citrus, coffee, cruciferae, cucurbits, granadillas, grapes, guavas, lettuce, mangoes, olives, peaches, pears, peppers, plums, strawberries, tomatoes and youngberries	20.0
	Pecan nuts, potatoes and walnuts	1.0
Cyanamide	Apples, grapes and kiwifruit	0.05
Cyanazine	Cotton seed, maize, sugar cane and sweet corn	0.05
	Peas	0.1
	Rooibos tea	1.0
Cyclanilide	Cotton seed	0.2
Cycloate	Maize and potatoes	0.05
Cycloxidim (includes T-DME and 5-OH-T-DME metabolites)	Cotton seed, cucurbits, dry beans, grapes, green beans, groundnuts, onions, soya beans and tomatoes	0.5
Cyflufenamid	Cucurbits group	0.1
Cyfluthrin (sum of isomers)	Apples, grapes, mealies (green), pears and peas	0.1
	Beans, cruciferae, sorghum and tomatoes	0.2
	Cotton seed	0.05
	Wheat	1.0
Cyhalothrin (sum of isomers)	Apples, grapes, pears and plums	0.2
	Apricots and peaches	0.5
	Beans (green), beans (dry), sorghum, wheat	0.20
	Cotton seed, cruciferae, groundnuts, potatoes, tomatoes	0.05
	Macadamia nuts, mealies (green), onions, peas	0.01
Cyhexatin (sum of cyhexatin and dicyclohexyltin oxide, expressed as cyhexatin)	Apples, peaches, pears, plums and tomatoes	2.0
	Citrus	2.0
	Hops (dry)	105.0
Cymoxanil	Grapes	0.1
	Leguminous beans group	0.05
	Potatoes	0.01
	Tomatoes	0.2
Cypermethrin (sum of isomers)	Apples, mealies (green), pears and sorghum	0.5

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Beans, cruciferae and peas	0.1
	Canola	0.5
	Citrus, peaches and tomatoes	0.2
	Cotton seed, grapes, groundnuts, macadamia nuts and plums	0.05
	Rooibos (green)	0.5
	Rooibos (dry)	2.0
	Wheat	0.5
Cyproconazole	Apples, coffee, grapes and pears	0.1
	Barley, dry beans and wheat	0.05
	Canola	0.1
	Cucurbits	0.2
	Maize	0.01
	Oats	1.0
	Peas	0.02
	Sorghum	0.2
	Sugar cane	0.01
Cyprodinil	Apples	0.1
	Avocados	0.05
	Barley	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
	Grapes	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

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Cyromazine (sum of cyromazine and melamine)	Amaranthussp, cress, lettuce, leafy vegetables and spinach	0.5
	Beans (green)	5.0
	Brassica vegetables or cruciferae and turnips	1.0
	Cucurbits group	1.0
	Leguminous beans group	0.5
	Mushrooms	2.0
	Onion bulb group	1.0
	Pepper group	0.5
	Potatoes	1.0
	Tomatoes	0.5
Deltamethrin	Apples, beans, cotton seed, cruciferae, grapes, mealies (green), peaches, pears and plums	0.1
	Groundnuts, onions, peas, prickly pears, potatoes, sweet potatoes and tomatoes	0.05
	Hops (dry)	5.0
	Lettuce and sorghum	0.1
	Maize, oats, rye and wheat	1.0
	Mangoes	0.05
	Paprika (dry)	0.2
	Stored grain	1.0
	Sunflower seed	1.5
Demeton-S-methyl (sum of demeton-S-methyl, its sulphone and sulphoxide, expressed as demeton-S-methyl)	Apples, apricots, peaches, pears and plums	0.4
	Barley, beans, brinjals, cruciferae, mealies (green), peas, peppers, potatoes, sorghum, tomatoes and wheat	0.2
	Citrus	0.5
	Cotton seed, groundnuts, olives, onions and rooibos tea	0.1
Diafenthiuron (sum of diafenthiuron and its metabolites CGA 140408 and CGA 177960)	Cotton seed	0.05
	Cucumbers and tomatoes	0.5
Diazinon	Apples, apricots, beans, cruciferae, peaches, pears, pineapples, plums and tomatoes	0.5
	Carcass meat	0.7*
	Milk	0.02‡
	Mushrooms	0.2
Dicamba (sum of dicamba and 5-hydroxy-dicamba)	Maize, sorghum and sugar cane	0.1
	Wheat	0.2
Dichlofluanid	Appricots *[sic]*, peaches and plums	0.5

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Grapes	1.0
	Raspberries and strawberries	5.0
Dichlorophen	Cotton seed	0.1
	Cruciferae and lettuce	0.5
	Groundnuts	0.05
	Tomatoes	0.50
Dichloropropene (sum of E- and Z-isomers of dichloropropene and dichloropropane)	Pineapples, potatoes and tomatoes	0.05
Dichlorvos	Bananas, beans, cherries, cruciferae, grapes, lettuce, tomatoes and wheat	0.1
	Carcass meat	0.05*
	Eggs	0.05†
	Milk	0.02‡
	Macadamia nuts	0.05
	Mushrooms	0.03
Diclobutrazol	Barley, oats and wheat	0.1
Diclofop-methyl	Wheat	0.05
Dicloran	Peaches	1.0
Dicofol	Apples, apricots, bananas, beans, cherries, citrus, cruciferae, cucurbits, granadillas, peaches, pears, plums and quinces	5.0
	Cotton seed and peas	0.1
	Tomatoes and peppers	1.0
Dicrotophos (sum of E- and Z-isomers)	Coffee and potatoes	0.1
Dieldrin (HEOD)	Cereal grains	0.02
	Milk	0.006‡
Difenoconazole	Apples, beans and pears	0.2
	Brassica vegetables or cruciferae	0.5
	Carrots	0.1
	Citrus	0.05
	Cucurbits group	0.1
	Ginger and root and tuber vegetables group	0.01
	Grapes	0.2
	Groundnuts	0.05
	Olives and onion bulb group	0.05
	Pepper group	0.5

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Potatoes	0.1
	Sorghum	0.05
	Stone fruits	2.0
	Strawberries	0.1
	Tomatoes	0.5
	Tree nuts	0.01
Diflubenzuron	Apples and pears	1.0
	Mushrooms	0.1
	Potatoes	0.01
Dimethipin	Cotton seed	0.1
Dimethoate	Apples, beans, citrus, cruciferae, cucurbits, grapes, peaches, pears, plums, sorghum and wheat	2.0
	Barley, pineapples and strawberries	0.5
	Cotton seed, groundnuts, and potatoes	0.1
Dimethomorph	Grapes	5.0
	Onion bulb group	0.3
	Potatoes	0.01
	Tomatoes	0.1
Dimethyl didecyl ammonium chloride	Apples and pears	20.0
	Avocados	5.0
	Citrus group	6.0
	Mangoes	5.00
Dinobuton	Apples and pears	1.0
Dinocap (dinocap and related nitro-octylphenols, expressed as dinocap)	Apples, cruciferae, cucurbits, grapes, peaches, pears and peas	1.0
Dinocap (meptyl-dinocap)	Grapes (wine)	0.5
Diofenolan	Citrus	1.0
Dioxathion (sum of cis- and trans-dioxathion)	Carcass meat	1.0*
	Citrus	1.0
	Milk	0.008‡
Diphenylamine	Apples and pears	10.0
Diquat (cation)	Potatoes	0.05
	Sunflower seed	0.5
Disulfoton (sum of disulfoton, demeton-S and their sulphoxides and sulphones, expressed as disulfoton)	Coffee	0.1
	Cotton seed	0.2
	Cruciferae, unions *[sic]*, potatoes and tomatoes	0.5
	Wheat	0.05

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Dithianon	Apples, apricots, peaches, pears and plums	2.0
	Grapes	3.0
Diuron	Asparagus	0.05
	Sugar cane	0.1
Dodine	Apples, pears and quinces	1.0
Emamectin (sum of the metabolites emamectin B_{1a}MF and FA; emamectin B_{1a} and B_{1b} benzoate and emamectin delta 8.9-Z isomer)	Tomatoes	0.01
Emamectin benzoate	Apples	0.01
	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	Mealies (green)	0.01
	Soya beans	0.05
	Wheat	0.05
Esfenvalerate (sum of isomers)	Apples, cotton seed and pears	0.5
	Beans	0.3
	Grapes and mangoes	0.05
	Hops (dry)	15.0
	Mealies (green)	0.5
	Peas, potatoes and tomatoes	0.1
	Rooibos	0.01
	Sorghum and sunflower seed	0.2
	Wheat	0.05
Ethephon	Apples, peaches, cherries and plums	3.0
	Cotton seed and pineapples	1.0
	Grapes	5.0
	Mealies (green) and sugar cane	0.05
	Wheat and citrus	2.0
Ethiofencarb (sum of ethiofencarb, its sulphoxide- and sulphone, expressed as ethiofencarb)	Cruciferae	2.0
Ethoprophos (ethoprophos)	Citrus	0.05

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Potatoes	0.01
Ethoxyquin	Apples and pears	3.0
Ethylene bisdithiocarbamates (mg CS_2/kg)	Apples, apricots, bananas, beans, boysenberries, citrus, cruciferae, cucurbits, grapes, guavas, mangoes, olives, papayas, peaches, pears, peppers, plums, quinces, tomatoes and youngberries	3.0
	Groundnuts, onions, peas and potatoes	0.5
Ethylene thiourea (ETU)	All foodstuffs	0.01
Etoxazole (etoxazole)	Apples	0.2
	Citrus group	0.2
	Pears	0.1
	Tomatoes	0.2
Famoxadone	Grapes	1.0
	Potatoes	0.02
	Tomatoes	0.2
Fenamidone	Potatoes	0.01
	Tomatoes	0.05
Fenamiphos (sum of fenamiphos its sulphoxide and sulphone, expressed as fenamiphos)	Bananas, citrus, cotton seed, grapes, groundnuts, guavas, litchis, unions *[sic]*, papayas, peaches, peas and pecan nuts	0.05
	Ginger, pineapples and tomatoes	0.1
	Potatoes	0.2
Fenarimol	Apples and grapes	0.2
Fenazaquin*	Apples, citrus and tomatoes	0.05
	Grapes	0.2
	Pears	0.5
Fenbuconazole (sum of fenbuconazole and its lactone metabolites RH-9129 and RH-9130)	Apples and pears	0.1
	Apricots and peaches	0.5
	Barley and wheat	0.05
	Plums	0.2
Fenbutatin oxide	Apples, peaches and pears	2.0
	Beans (green)	0.5
	Citrus	1.0
	Peppers and tomatoes	0.2
Fenhexamide	Blueberries	5
	Grapes	5.0
	Raspberries	10
Fenitrothion	Stored grain (wheat)	10.0

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Fenoxaprop-p-ethyl	Dry beans, groundnuts, soya beans and wheat	0.05
Fenoxycarb	Apples and pears	1.0
Fenpropathrin (sum of isomers)	Citrus	0.5[2]
	Cotton seed	0.1
	Hops (dry)	40.0
Fenpyroximate	Apples and pears	0.2
	Citrus group	0.2
	Tomatoes	0.5
Fenthion (sum of fenthion, its oxygen analogue and their sulphoxides and sulphones, expressed as fenthion)	Apples, apricots, guavas, mangoes, peaches, pears, plums and quinces	1.0
	Coffee and cucurbits	0.1
	Grapes	0.5
	Kiwi fruit	1.0
Fentin acetate (fentin hydroxide, excluding inorganic tin and di- and mono-phenyltin)	Onions and potatoes	0.05
Fentin hydroxide (fentin hydroxide, excluding inorganic tin and di- and monophenyltin)	Groundnuts	0.1
	Onions and potatoes	0.05
Fenvalerate	Apples, cotton seed, mealies (green) and pears	0.5
	Beans	0.3
	Grapes and mangoes	0.05
	Hops (dry)	15.0
	Peas, potatoes and tomatoes	0.1
	Sorghum and sunflower seed	0.2
	Wheat	0.05
Fipronil (fipronil – fat soluble)	Broccoli	0.05
	Cabbage, cauliflower	0.01
	Citrus	0.05
	Mangoes	0.05
Flamprop-methyl	Wheat	0.01
Florasulam	Wheat	0.01
Fluazifop-P-butyl	Apples, apricots, coffee, grapes, macadamia nuts, peaches, pears, pecan nuts, plums, potatoes and quinces	0.05
	Beans, soya beans and sugar cane	0.2
	Carrots	0.1
Fluazinam	Potatoes	0.01
Flubendiamide	Basil, coriander and parsley	15.0

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	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
Flucythrinate	Dry beans and cotton seed	0.1
	Groundnuts	0.05
	Sorghum	0.2
Fludioxonil	Apples and pears	5.0
	Avocados	0.05
	Basil, borage, chamomile, chive, coriander, parsley and rosemary	0.5
	Berries group	3.0
	Brassica vegetables or cruciferae	0.05
	Canola	0.02
	Carrots and root and tuber vegetables group (except sweet potatoes)	0.05
	Citrus group	10.0
	Cucurbits group	0.5
	Grapes	0.5
	Kiwi	15.0
	Leguminous beans group	0.05
	Lettuce and tomatoes	0.05
	Litchis	20.0
	Mangoes	1.0
	Onion bulb group	0.5
	Papayas	5.0
	Pomegranate	3.0
	Spinach	0.5
	Stone fruits	5.0
	Strawberries	3.0
	Sweet potatoes	10.0
	Tree nuts	0.5
Flufenoxuron	Apples and pears	0.05
Flumetsulam	Wheat	0.05
	Grapes (table and wine)	2

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Fluopicilide (fluopicolide and its metabolites AEC 653711 and AE 0815899)	Potatoes	0.05
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
Fluorochloridone	Apples, grapes, nectarines, pears and plums	0.02
	Carrots, potatoes and sunflower seed	0.05
Fluoroglycofen	Wheat	0.02
Fluquinconazole	Canola	0.01
	Grapes (wine)	0.2
	Wheat (seed)	0.1
Fluroxypyr	Barley	0.1
	Maize	0.05
	Wheat	0.1
Fluroxypyr[2]	Fat, meat, milk	0.10
	Kidney	0.50
[2] Should flurosypyr treated fields be grazed or the straw used as fodder, fluroxypyr could be present in organs of the cattle		
Flusilazole (flusilazole)	Apples	0.10[2]
	Barley, dry beans, grapes, groundnuts and wheat	0.05
	Mangoes	0.02
	Mealies (green)	0.01
	Pears	0.10
	Peas	0.02
[2] Flusilazole: The MRL for apples and pears was 0.05 mg/kg The agricultural practice changed in that a higher dose rate is recommended for the control of diseases in these crops		
Flutriafol	Apples, peaches and pears	0.05
	Barley and wheat	0.1
	Beans (dry)	0.05
	Citrus (oranges)	0.10
	Soy Beans	0.10

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Fluxapyroxad	Apples and pears	0.05
	Barley and wheat	0.01
	Citrus	0.3
Folpet	Grapes	15.0
	Tomatoes	0.50
Fomesafen	Dry beans, groundnuts and soya beans	0.05
Formetanate	Apples	0.1
	Citrus	0.5
	Grapes	0.05
	Peaches (nectarines)	0.02
Formothion (sum of formothion, dimethoate and omethoate, expressed as formothion)	Apples, grapes, peaches, pears, plums and wheat	2.0
	Cotton seed	0.1
	Onions and potatoes	0.5
Fosetyl-A1 (phosphorous acid)	Avocados	50.0
	Boysenberries and youngberries	5.0
	Citrus	50.0
	Cucumbers	10.0
	Grapes	25.0
	Pineapples	20.0
	Potatoes	10.0
Fosthiazate	Bananas	0.05
	Citrus	0.1
	Potatoes	0.05
Furfural	Apples	0.1
	Carrots, potatoes	1.00
	Grapes	0.10
	Hops	0.1
	Lettuce	0.50
	Onions	5.00
	Sugar cane	2.00
Gamma-BHC (gamma-HCH)	Apples, apricots, beans, cruciferae, peaches, pears, peas and plums	1.0
	Cotton seed	0.1
	Milk	0.01‡
	Onions, potatoes and sweet potatoes	0.2
Gibberellic acid	Apples	0.05
	Citrus and grapes	0.2

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Glufosinate ammonium	Potatoes	0.05
Glyphosate (including its metabolite aminomethyl phosphonic acid)	Maize	2.00
	Soya beans	10.0
	Sugar cane	0.5
Guazatine	Citrus	5.0
	Tomatoes	2.50
Haloxyfop (haloxyfop esters, haloxyfop and its conjugates, expressed as haloxyfop)	Apples, apricots, citrus, grapes, peaches, pears, pineapples and plums	0.05
	Beans (green) and peas	0.2
	Beetroot	0.5
	Cotton seed	0.5
	Dry beans, soya beans and sugar cane	0.1
	Groundnuts	2.0
	Lucerne	1.0
Heptenophos	Cotton seed, cruciferae, peaches, potatoes, sorghum and wheat	0.05
Hexaconazole	Apples, grapes, peaches and pears	0.1
	Cucurbits and mangoes	0.01
	Dry beans	0.05
	Sunflower	0.05
Hexazinone	Pineapples	1.0
Hexythiazox	Apples and pears	0.2
Hydrogen phosphide (phosphine) (all phosphides, expressed as hydrogen phosphide)	Cereal grains	0.1
	All other foodstuffs	0.01
Imazalil (chloramizol)	Citrus and musk melon	5.0
	Cucurbits	0.5
	Pears	2
Imazamethabenz-methyl	Wheat	0.05
Imazethapyr	Dry beans, groundnuts and soya beans	0.05
Imidacloprid	Apples	0.2
	Barley	0.2
	Citrus	0.5
	Cucurbits and cotton seed	0.05
	Grapes	0.05
	Maize	0.05
	Oats	0.02
	Persimmons and pomegranates	0.01

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Sorghum, sunflower seed and wheat	0.02
	Sugarcane	0.03
	Tomatoes	0.1
Indoxacarb	Apples	1.00
	Beans, peas (whole)	0.20
	Berries group	0.1
	Broccoli, brussels sprouts	1.00
	Cabbage	1.0
	Cauliflower	0.05
	Cotton	1.0**
	Cucurbits	0.10
	Grapes (wine)	1.50
	Grapes (table)	2.00
	Hops	5.0
	Lettuce	2.0
	Maize, sweetcorn	0.01
	Pears	1.00
	Pepper group	0.1
	Potatoes	0.01
	Sorghum	0.01**
	Soya beans	0.2
	Stone fruits	0.2
	Sugarcane	0.1
	Tomatoes	0.1
Inorganic bromide (determined and expressed as total bromide ion from all sources)	All crops	75.0
Iodosulforon	Barley	0.05
	Wheat	0.05
Ioxynil	Sugar cane	0.05
Iprodione	Apples	2.5
	Apricots	5.00
	Citrus	1.0
	Ginger and peaches (canned)	0.05
	Grapes, kiwifruit, peaches and plums	5.0
	Onions	0.5
	Pears	2.0
	Raspberries, strawberries and tomatoes	2.0

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Iprovalicarb (sum of iprovalicarb and its diastereomers expressed as iprovalicarb)	Grapes and tomatoes	0.5
	Potatoes	0.05
Isazofos	Mealies (green) and sorghum	0.1
	Citrus and paprika	0.02
	Pineapples	0.05
Isofenphos (sum of isofenphos and its oxygen analogue)	Citrus	0.2
	Onions	0.1
Isoxaben	Wheat	0.05
Kresoxim-methyl	Apples and pears	0.1
	Barley	0.1
	Cucurbits, mangoes	0.01
	Grapes and citrus	0.5
	Tomatoes	0.05
Lambda-cyhalothrin	Apples, grapes (table), pears	0.2
	Barley	0.20
	Beans	0.02
	Canola	0.5
	Cruciferae, groundnuts, potatoes and tomatoes	0.05
	Cucurbits group	0.05
	Ginger and root and tuber vegetables	0.02
	Lettuce	0.05
	Mealies (green), onions and peas	0.01
	Pepper group	0.5
	Rooibos	0.05
	Sorghum and wheat	0.2
	Stone fruits	0.5
	Sugarcane	0.05
	Tree nuts	0.1
Lufenuron	Cabbage	0.10
	Potatoes	0.05
	Tamatoes *[sic]*	0.02
Magnesium phosphide	See hydrogen phosphide	
Mancozeb	See ethylene bisdithiocarbamates	
Mandipropamid*	Grapes	1.0
	Potatoes	0.01
	Tomatoes	0.5
Maneb	See ethylene bisdithiocarbamates	

I Chemical substance	II Foodstuff	III MRL (mg/kg)
Mepiquat chloride (mepiquat cation)	Cotton seed	1.0
Mercaptothion (malathion)	Apples, avocados, bananas, beans, grapes, guavas, mangoes, papayas, pears, plums, pineapples and quinces	2.0
	Apricots, citrus, clover, granadillas, litchis and peaches	4.0
	Cereal grains, dried fruit, dried nuts, dried vegetables, groundnuts, cotton seed, sunflower seed and other oilseeds	8.0
	Cruciferae, peppers and tomatoes	3.0
	Cucurbits and mushrooms	1.0
	Mealies (green), onions, peas, sorghum and sugar cane	0.5
Mesotrione	Maize	0.01
Metalaxyl	Avocados and cruciferae	0.05
	Boysenberries, grapes and youngberries	1.5
	Citrus	1.0
	Potatoes	0.2
	Pineapples and tomatoes	0.5
Metalaxyl-M (mefanoxam)	Artichoke	0.1
	Avocados	0.05
	Basil, bay, camomile, chive, coriander, curry leaf, dill, lavender, lemongrass, marigold, parsely (dried), rosemary, thyme and wintergrass	0.05
	Berries group	1.5
	Broccoli	0.02
	Brussels sprouts, cauliflower	0.10
	Cabbage	0.05
	Canola	0.01
	Carrots	0.05
	Citrus	1.0
	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
	Pineapples and tomatoes	0.5
	Spinach	1.0

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Stone fruits	1.0
	Sugar beets	2.0
	Tree nuts	0.5
Metamitron	Apples	0.01
	Pears	0.01
Metazachlor	Cabbage, groundnuts, mealies (green), potatoes, sugar cane, sunflower seed and sweet corn	0.05
	Dry beans	0.1
Methamidophos	Apples, apricots, cruciferae, peaches, pears and plums	1.0
	Avocados	0.1
	Canola	0.05
	Citrus and potatoes	0.2
	Mangoes	1.0
	Tomatoes	0.5
Methenamid	Maize	0.02
Methidathion	Apples and pears	0.3
	Apricots, cherries, grapes, peaches, plums and prickly pears	0.2
	Citrus	2.0
	Potatoes	0.02
Methiocarb (sum of methiocarb, its sulphone and sulphoxide)	Apples, apricots, grapes, pears and plums	0.2
	Citrus	0.1
Methomyl	Barley	0.20
	Beans, sunflower seed and tomatoes	0.1
	Citrus, cruciferae, mealies (green), peaches, sorghum and wheat	0.2
	Hops	10.0
	Peas	0.2
	Potatoes	0.02
Methoxyfenozide	Apples, pears	1.50
Methyl bromide (bromomethane)	All food crops - see inorganic bromide	
	Dried fruit	20.0
	Dried legumes and cereal grains	50.0
	Groundnuts	100.0
	Processed grain products	10.0
Methyl-parathion	Citrus	1.0
	Coffee	0.05

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
Metiram (mg CS_2/kg)	Apples, apricots, beans, grapes, peaches, pears, plums and tomatoes	3.0
	Potatoes	0.5
Metolachlor	Cotton seed, dry beans, green beans, groundnuts, kidney beans, maize, potatoes, sorghum, soya beans, sugar cane and sunflower seed	0.05
Metrafenone	Grapes	0.5
Metribuzin	Asparagus and soya beans	0.05
Metsulfuronmethyl	Barley and wheat	0.05
Mevinphos (sum of E-and Z-isomers)	Beans, citrus, cruciferae, cucurbits, lettuce, peas, peppers, spinach, tomatoes and wheat	0.1
	Grapes	0.2
	Potatoes	0.05
Milbemectin (sum of milbemectins A3 and A4	Apples and tomatoes	0.01
	Cucumbers, strawberries	0.01
Myclobutanil (sum of myclobutanil and its alcohol metabolite)	Apples, grapes and pears	0.2
	Cucurbits	0.5
	Dry beans	0.05
Nicosulfuron	Maize	0.05
Nitrothal-isopropyl	Apples and peaches	0.5
Novaluron	Apples and pears	0.5
	Citrus group	0.5
	Cotton seed	0.05
	Leguminous beans group	0.2
	Peaches (canned), tomatoes	0.01
	Potatoes	0.1
	Sorghum	0.2
	Soya beans	1.0
	Stone fruits	0.5
Nuarimol	Grapes	0.05
Ofurace	Grapes	0.2
	Potatoes	0.01
	Tomatoes	0.1[4]
Omethoate	Apples, grapes and pears	1.5
	Barley	0.5
	Citrus	2.0
	Cotton seed and oats	0.05
	Onions	0.2

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Peas and wheat	1.0
Ortho-phenylphenol (sodium salt) (sum of 2 phenyl-phenol and 2-phenyl-phenate, expressed as 2-phenylphenol)	Citrus	10.0
Oryzalin	Apples, apricots, grapes, peaches, pears and plums	0.05
Oxadixyl	Grapes	2.0
	Peas and tomatoes	0.5
	Potatoes	0.05
Oxamyl (sum of oxamyl and its oxime, expressed as oxamyl)	Bananas, groundnuts, pineapples, potatoes, sugar cane and tomatoes	0.05
	Stone fruits	0.01
Oxycarboxin	Beans	0.5
Oxydemeton-methyl (sum of oxydemeton-methyl and its sulphone, expressed as oxydemeton-methyl)	Apples, apricots, cucurbits, peaches, pears and plums	0.4
	Beans, cruciferae, potatoes and tomatoes	0.2
	Brinjals, mealies (green), peas and peppers	0.2
	Citrus	0.5
	Cotton seed, groundnuts, onions and rooibos	0.1
	Sorghum	0.02
	Wheat	0.20
Oxyfluorfen	Citrus and garlic	0.05
Oxytetracycline (oxytetracycline hydrochloride)	Apricots, peaches and plums	0.1
Paclobutrazol (sum of paclobutrazol and paclobutrazol- ketone)	Avocados, litchis, macadamia nuts, mangoes, peaches, pecan nuts and plums	0.05
Paraquat (paraquat cation)	Cotton seed	0.2
	Maize	0.05
	Sugar cane	0.5
Parathion (parathion)	Barley	0.50
	Beans, Cotton seed, Groundnuts	0.05
	Beetroot, carrots, sweet potatoes and turnips	0.05
	Brinjals, cucurbits, peppers, peas, quinces, spinach and tomatoes	0.5
	Cactus and spineless pears	0.50
	Castor oil	0.05
	Citrus	0.50
	Coffee	0.2
	Cruciferae	0.50

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Mangoes	0.1
	Onions	0.05
	Sorghum	0.20
	Wheat	0.20
Penconazole	Apples, pears and peas	0.1
	Brussels sprouts	0.02
	Cucurbits	0.02
	Grapes	0.2
Pencycuron	Potatoes	0.05
Pendimethalin	Potatoes	0.05
Permethrin (sum of isomers)	Apples, grapes, mealies (green), pears and sorghum	0.5
	Beans, peas and tomatoes	0.1
	Cereal grains	2.0
	Cotton seed, potatoes and groundnuts	0.05
	Soya beans	0.1
Phenthoate	Citrus and cruciferae	1.0
	Mangoes	0.2
	Onions and potatoes	0.1
Phorate (sum of phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	Apples, cotton seed, cruciferae, onions, mealies (green), potatoes and wheat	0.05
Phosalone	Apples and pears	2.0
Phosmet [sum of phosmet and its oxygen analogue (fat soluble)	Apples	5.0
	Pears	2.0
Phosphorous acid	Citrus	50.0
	Grapes	25.0
	Mangoes	50.0
Phoxim	Cereal grains and groundnuts	0.2
Picoxystrobin	Barley	0.02
	Potatoes	0.01
	Soya beans	0.05
	Wheat	0.2
Pinoxaden	Barley	0.5
	Wheat	0.5
Piperonyl butoxide	Apples, apricots, beans (green), citrus, cruciferae, cucurbits, grapes (table), guavas, lettuce, peaches, pears, plums and tomatoes	5.0
	Cereal grains	20.0

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Dried fruit, dried nuts, dried vegetables, groundnuts, cotton seed, sunflower seed and other oil seeds	10.0
Pirimicarb (sum of pirimicarb, demethylpirimicarb and demethyl-formamido-pirimicarb)	Apples, citrus, cruciferae, oats, potatoes, sorghum and wheat	0.5
	Artichokes	5.0
	Asparagus	1.0
	Berries group	1.0
	Canola	1.0
	Cherries	5.0
	Cotton seed	0.1
	Cucurbits group	1.0
	Groundnuts and pecan nuts	0.05
	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 (except cherries)	3.0
	Strawberries	3.0
Pirimiphos-methyl	Groundnuts	5.0
	Maize and sorghum	8.0
	Soya beans and sunflower seed	3.0
	Stored grain (wheat only)	10.0
Prochloraz (sum of prochloraz and its metabolites containing the 2.4.6-trichlorophenol moiety, expressed as prochloraz)	Avocados, bananas and citrus	2.0
	Barley and wheat	0.2
	Ginger	10.0
	Litchi	1.50
	Mangoes	5.0
	Mushrooms	0.1
	Papaya	3.00
	Potatoes	0.1
Procymidone	Beans and plums	1.0
	Citrus and potatoes	0.2
	Grapes	5.0
	Groundnuts	0.5

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
	Peaches	10.0
	Pears	0.05
	Peas	0.1
	Tomatoes	3.0
Profenofos (sum of profenofos and its conversion product 4-bromo-2-chlorophenol, expressed as profenofos)	Brussels sprouts, cabbage and cauliflower	0.5
	Citrus and tomatoes	1.0
	Cotton seed, onions and potatoes	0.05
Prometryn	Carrots	0.5
	Cotton seed	0.05
	Peas	0.5
Propachlor	Maize and sorghum	0.1
	Onions	0.2
Propamocarb hydrochloride	Cucumbers	2.0
	Potatoes	0.5
	Tomatoes	0.5
Propanil	Rice	0.2
Propaquizafop	Clover	0.1
	Cucurbits	0.2
	Milk	0.004
	Peas	0.05
Propargite	Apples, peaches and tomatoes	2.0
	Citrus	2.0
	Cotton seed	0.5
	Pears	0.05
	Strawberries	3.0
Propiconazole	Bananas	0.1
	Barley and pecan nuts	0.05
	Citrus group	6.0
	Grapes	0.2
	Groundnuts and wheat	0.1
	Maize	0.01
	Mealies (green)	0.02
	Oats	0.2
	Peaches	0.5
	Sorghum	0.2
	Stone fruits	0.2
Propineb (mg CS_2/kg)	Boysenberries, grapes, tomatoes and youngberries	3.0

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Groundnuts and potatoes	0.5
Propoxur	Grapes	0.05
Propyzamide	Apples, grapes, pears	0.10
	Apricots, cherries, peaches, plums	0.02
	Canola	0.05
Proquinazid	Baby marrows, courgettes, zucchini	0.2
	Grapes	0.50
Prosulfocarb	Barley	0.01
	Wheat	0.01
Prothioconazole	Barley	0.2
	Canola	0.02
	Maize	0.05
	Soya beans	0.05
	Wheat	0.5
Prothiofos (sum of prothiofos and its oxygen analogue, expressed as prothiofos)	Apples, apricots, citrus, peaches, pears, plums and mangoes	0.05
	Grapes and guavas	1.0
Pymetrozine	Avocados	0.02
	Cabbage	0.02
	Cotton (seed)	0.05
	Tree nuts	0.02
Pyraclostrobin	Apples, Pears, Potatoes	0.02
	Barley	1.00
	Berries group	1.0
	Citrus	0.5
	Grapes	0.50
	Maize, soya beans	0.03
	Onion bulb group	4.0
	Pepper group	0.4
	Persimmons	0.02
	Strawberries	1.0
	Sunflower	0.3
	Tomatoes	0.01
	Tree nuts	0.02
	Wheat	1.0
Pyraflufen-ethyl	Barley	0.01
	Wheat	0.01
Pyrasulfotole	Barley	0.02

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Wheat	0.02
Pyrazophos	Cucurbits	0.2
	Tomatoes	0.5
Pyrethrins	Apples, apricots, beans (green), citrus, cruciferae, cucurbits, grapes (table), guavas, lettuce, peaches, pears, plums and tomatoes	1.0
Pyrethrins (sum of pyrethrins I and II, cinerins I and II and jasmolins I and II)	Cereal grains	2.0
	Dried fruit, dried nuts, dried vegetables, groundnuts, cotton seed, sunflower seed and other oil seeds	1.0
Pyridalyl	Potatoes	0.01
	Tomatoes	1.5
Pyridalyl dichloropropene-derivative	Cabbage	0.2
	Lettuce	17.0
Pyrifenox	Apples and mangoes	0.05
	Grapes	0.1
Pyrimethanil	Apples	5.0
	Blueberries, nectarines, peaches, pears, plums	5
	Citrus group	10.0
	Grapes	5.0
	Onion bulb group	0.5
	Potatoes	0.05
	Raspberries	10
Pyriproxyfen	Citrus	0.2
	Mangoes	0.02
	Tomatoes	0.5
Pyroxasulfone	Wheat	0.02
Pyroxsulam	Wheat	0.01
Pyrrolidinomethyl tetracycline	Citrus	0.05
Quinoxyfen (quinoxyfen)	Cucurbits	0.50
	Grapes	1.0
	Strawberries	0.5
Quintozene (sum of quintozene, pentachloroaniline and methyl pentachlorophenyl sulphide)	Potatoes	0.1
Quizalofop-P-ethyl (expressed as quizalofop methyl)	Citrus, dry beans and groundnuts	0.2
Quizalofop-P-tefuryl	Canola	0.05
	Fat and meat	0.02

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Liver	0.2
	Milk	0.5
Rolitetracycline	Citrus	0.05
Sethoxydim	Beans, broccoli, peas and tomatoes	0.5
	Beetroot, carrots, cotton seed, green peppers, groundnuts and sweet potatoes	1.0
	Onions	0.2
	Potatoes	2.0
Silthiopham	Wheat	0.01
Simazine	Apples, grapes, maize and pears	0.2
	Asparagus	10.0
Sodium 2-(3-chlorophenoxy) propionate	Pineapples	0.2
Spinetoram*	Berries group, figs, tree nuts, persimmons and pomegranates	0.01
	Citrus, pome fruits	0.05
	Grapes	0.5
	Olives	0.01
	Potatoes	0.01
	Rooibos	0.01
	Stone fruits	0.1
Spinosad	Apricots, cabbage, cucurbits, guavas mangoes, olives, pears, plums	0.01
	Avocados, chives, cucurbits, litchi, onions	0.01
	Barley, wheat	0.5
	Berries group	0.05
	Leeks, Lettuce	0.05
	Nectarines only	0.50
	Peaches only, peas, beans	0.05
	Persimmons	0.02
	Spinach	0.02
	Table grapes	0.10
Spinosad (the sum of spinosad (spinosyns A and D) and its metabolites spinosyn K, spinosyn B and N-demethyl spinosyn]	Apples	0.01
	Citrus	0.05
	Grapes (table)	0.01
	Potatoes	0.02
	Tomatoes	0.2
Spirodiclofen	Citrus group	0.1

I **Chemical substance**	II **Foodstuff**	III **MRL (mg/kg)**
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
Spiroxamine	Barley, wheat[1]	0.05
	Grapes	1.0
	Peas	0.1
Sulcotrione (sum of sulcotrione and its CMBA metabolite)	Maize and sugar cane	0.05
Sulfoxaflor	Apples	0.3
	Grapes	1.0
	Pears	0.3
	Tomatoes	1.5
Sulphur (elemental sulphur)	Apples, apricots, avocados, bananas, beans, boysenberries, citrus, cucurbits, grapes, mangoes, papayas, peaches, pears, peas, peppers, plums, tomatoes and youngberries	50.0
	Litchis (peel)[2]	1 000.0
	Litchis (pulp)	55.0
[2] Was only litchis with maximum residue limit of 10.0.0 mg/kg		
Tartar emetic (determined as antimony and expressed as antimony trioxide)	Citrus	3.0
Tau-fluvalinate	Canola	0.05
	Wheat	0.01
Tau-fluvalinate (sum of isomers)	Apples, peaches and pears	0.05
	Cotton seed and tomatoes	0.2
Tebuconazole	Apples	0.3
	Barley, beans, tomatoes and wheat	0.1
	Brassica vegetables or cruciferae	0.1
	Canol	2.5
	Carrots	0.02
	Citrus	0.02

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Grapes	2.0
	Groundnuts, mangoes, oats	0.05
	Maize	0.02
	Onion bulb group	0.18
	Pears	0.3
	Potatoes	0.02
	Sorghum	5.0
	Soy Beans	0.50
	Stone fruits	1.0
Tebufenozide	Apples and pears	1.0
Teflubenzuron	Citrus	0.5
	Litchis	0.02
Temephos (sum of temephos, its oxygen analogue and their sulphoxides and sulphones expressed as temephos)	Citrus	1.0
Tepraloxydim	Canola	0.50
Terbacil	Peaches	0.1
Terbufos (sum of terbufos, its oxygen analogue and their sulphoxides and sulphones, expressed as terbufos)	Citrus, groundnuts, mielies (green), potatoes, sorghum and sunflower seed	0.1
	Dry beans	0.05
Terbuthylazine	Maize, peas and sorghum	0.05
Terbutryn	Carrots	0.05
	Groundnuts and peas	0.05
Tetraconazole (tetraconazole)	Grapes	0.5
	Mangoes	0.02
Tetradifon	Apples, apricots, citrus, peaches, pears and plums	5.0
	Cotton seed	0.05
	Dry tea	8.0
Thiabendazole	Apples, citrus and pears	6.0
	Avocados	5.0
	Bananas and musk melons	3.0
	Mushrooms	1.0
	Potatoes and pineapples	10.0
Thiacloprid (thiacloprid)	Apples	1.0
	Brassica vegetables or cruciferae	0.1
	Carrots	0.1

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Peaches	0.10
	Pears	1
	Potatoes	0.2
Thiamethoxam (sum of thiamethoxam and its metabolite CGA 322704)	Apples	0.02
	Bananas	0.05
	Barley	0.01
	Berries group	0.2
	Canola	0.02
	Cotton seed	0.05
	Cucurbits group	0.2
	Leguminous beans group, sunflower and groundnuts	0.02
	Mangoes	0.10
	Oats and rye	0.1
	Pepper group	0.1
	Potatoes	0.1
	Sugarcane	0.05
	Tomatoes	0.02
Thidiazuron	Cotton seed	0.5
Thifensulfuron-methyl	Barley and wheat	0.05
Thiodicarb [sum of thiodicarb, methomyl and methyl hydroxy-thioacetimidate (methyl oxime), expressed as thiodicarb]	Cotton seed	0.1
	Mealies (green)	0.5
Thiometon (sum of thiometon, its sulphoxide and sulphone, expressed as thiometon)	Apples, apricots, peaches, pears and plums	0.4
	Barley, beans, cruciferae, mealies (green), sorghum, tomatoes and wheat	0.2
	Cotton seed, ground nuts and potatoes	0.05
Thiophanate-methyl (expressed as carbendazim	Apples and pears	3.0
	Barley, groundnuts and wheat	0.1
	Citrus	5.0
Thiram (mg CS_2/kg)	Apples, apricots, peaches pears and plums	3.0
	Grapes	5.0
	Rooibos	0.01
Tralkoxydim	Barley and wheat	0.05
Tralomethrin	Apples, beans, cotton seed, cruciferae, grapes, mealies (green), peaches, pears and plums	0.1
	Groundnuts, peas, prickly pears, sorghum, sweet potatoes and tomatoes	0.05

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Wheat	1.0
Triadimefon (sum of triadimefon and triadimenol)	Apples, cucurbits and mangoes	0.05
	Bananas	0.5
	Barley, oats and wheat	0.1
	Grapes	2.0
	Peas	0.2
Triadimenol	Apples, cucurbits and peas	0.05
	Grapes	1.0
	Soy Beans	0.50
Triasulfuron	Barley and wheat	0.05
Triazophos	Apples and pears	0.2
	Bananas and citrus	2.0
	Cotton seed, onions and sweet potatoes	0.05
	Mealies (green) and sorghum	0.1
Tributyl phosphoro-trithioate	Cotton seed	0.2
Trichlorfon	Apples, apricots, coffee, cruciferae, granadillas, grapes, guavas, litchis, peaches, pears, plums and quinces	0.2
	Beans and tomatoes	1.0
	Citrus and cucurbits	0.1
	Mealies (green) and sweet potatoes	0.05
Trichlopyr	Citrus	0.10
Tridemorph	Cucurbits	0.2
	Peas	0.1
Trifloxystrobin	Apples	0.1
	Barley	0.1
	Brassica vegetables or cruciferae	0.02
	Carrots	0.02
	Citrus	0.1
	Cucurbits	0.05
	Grapes	0.5
	Mealies (green)	0.05
	Onion bulb group	0.02
	Pears	0.10
	Potatoes	0.02
	Soya beans	0.05
Triflumuron	Apples and pears	2.0
	Chicken fat	0.1
	Citrus and peaches	0.5

I Chemical substance	II Foodstuff	III MRL (mg/kg)
	Litchis	0.1
	Mangoes	0.2
Trifluralin	Cabbage, chillies, cowpeas, dry beans, groundnuts, kidney beans, soya beans, sunflower seed and tomatoes	0.05
	Carrots	1.0
Triforine (determined as chloral hydrate and expressed as triforine)	Apples and peaches	2.0
	Beans and plums	1.0
	Cucurbits	0.5
	Peas	0.1
Vamidothion (sum of vamidothion, its sulphoxide and sulphone, expressed as vamidothion)	Apples	0.4
Vinclozolin (sum of vinclozolin and all metabolites containing 3.5-dichloro-analine, expressed as vinclozolin)	Grapes	3.0
	Strawberries	1.0
Zeta-cypermethrin (sum of isomers)	Apples, mealies (green), pears, sorghum and wheat	0.5
	Beans, cruciferae and peas	0.1
	Cotton seed, grapes, groundnuts and macadamia nuts	0.05
	Peaches and tomatoes	0.2
Zineb	See ethylene bisdithiocarbamates	
Zoxamide	Grapes	2.00
	Tomatoes	1
Zoxamide (sum of zoxamide and its acid metabolites, RH-1452 and RH-1455)	Potatoes	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.

† On a shell-free basis

‡ On a whole product basis

§ In the edible parts

(Annex corrected by GNR 1448 of 1994)

(Annex amended by GNR 494 of 2001)

(Annex amended by GNR 525 of 2002)

(Annex amended by GNR 247 of 2005)

(Annex amended by GNR 1047 of 2006)

(Annex amended by GNR 548 of 2010)

(Annex amended by GNR 46 of 2012)

(Annex amended by regulations 3(a) and (b) of GN 119 of 10 February 2020)