

New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards 2012

Pursuant to section 11C of the Food Act 1981, the Minister for Food Safety issues the following food standards for the purposes of setting the maximum permissible limits at which residues of agricultural compounds may be present in specified types of food.

Issued at Wellington this 13th day of August 2012

Signed

(Signed)

Hon Kate Wilkinson
Minister for Food Safety

Certified in order for signature

(Signed)

Solicitor
Legal Services

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Schedule 1

Maximum Residue Limits of Agricultural Compounds

Schedule 2

Exemptions from Maximum Residue Limits for Plant Compounds

Schedule 3

Exemptions from Maximum Residue Limits for Veterinary Drugs

Notice

1 Title

These standards are the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards 2011

2 Commencement

These standards come into force on the 20th day of September 2012.

3 Interpretation

In these standards, unless the context otherwise requires, —

agricultural compound has the meaning given to it by section 2 of the Agricultural Compounds and Veterinary Medicines Act 1997

maximum residue limit or **MRL** means, in relation to a residue, the maximum permissible level of that residue

pest has the meaning given to it by section 2 of the Agricultural Compounds and Veterinary Medicines Act 1997.

4 Method of determining residue levels or limits

- (1) The MRL of an agricultural compound specified in column 1 of Schedule 1 in relation to bananas, citrus fruits, and kiwifruit must be determined on the whole fruit.
- (2) The MRL of an agricultural compound specified in column 1 of Schedule 1 in relation to any fruit other than a fruit listed in subclause (1) must be determined on the edible content of the fruit that is ordinarily consumed.
- (3) The MRL of any agricultural compound specified in column 1 of Schedule 1 in relation to food in a dried, dehydrated, or concentrated form, must be determined with respect to the mass of the food after dilution or reconstitution, where appropriate.
- (4) The MRL of any agricultural compound present in a food consisting of one or more of the foods listed in Column 4 of Schedule 1 is calculated as the sum of the MRL specified in Column 5 of Schedule 1 for each food multiplied by the proportion of that food in the food product.

5 Prohibition on sale

No person may sell any food containing residues of an agricultural compound unless the presence of that agricultural compound is authorised by clause 6 or 7.

6 Maximum residue limits of agricultural compounds

- (1) A person may only sell a food listed in Column 4 of Schedule 1 that contains residues of an agricultural compound listed in the corresponding row of Column 1 of Schedule 1 (as measured against the residue listed in the corresponding row in Column 3 of Schedule 1) if the residue does not exceed the MRL specified in the corresponding row of Column 5 of Schedule 1.
- (2) A person may sell a food containing residues of an agricultural compound not exceeding 0.1mg/kg if—
 - (a) that agricultural compound is not specified in Column 1 of Schedule 1; or
 - (b) Column 5 of Schedule 1 does not specify an MRL for that agricultural compound in relation to a food of that type, kind, or class.
- (3) A person may sell an imported food containing residues of an agricultural compound if the food—
 - (a) complies with subclause (1) or (2); or
 - (b) contains residues of agricultural compounds no greater than the MRLs specified for that food in the current editions or supplements of the FAO/WHO Codex Alimentarius Commission publications titled “Pesticide Residues in Food” or “Residues of Veterinary Drugs in Foods”.

7 Exemptions

- (1) Food containing residues of a substance specified in the Column 1 of Schedule 2 is exempt from the requirements of clauses 4, 5 and 6 when the substance is used—
 - (a) as an agricultural compound for the management of plants, or parts of plants, from which food is derived; and
 - (b) in accordance with the condition specified in the corresponding row of Column 3 of Schedule 2.
- (2) Food containing residues of a substance specified in the Column 1 of Schedule 3 is exempt from the requirements of clauses 4, 5 and 6 when the substance is used—
 - (a) as an agricultural compound for the management of animals that are intended for food, or from which food is to be derived; and
 - (b) in accordance with the condition specified in the corresponding row in Column 3 of Schedule 3.
- (3) Bee products containing residues of the substance Thymol are exempt from the requirements of clauses 4, 5 and 6 if the Thymol is used as an agricultural compound for the control of varroa mite (*Varroa destructor*) in beehives.

8 Revocation

The New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards 2011 (and all amendments made to those standards) are revoked.

Schedule 1

Maximum Residue Limits of Agricultural Compounds

Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Abamectin	71751-42-2	Sum of : avermectin B1a avermectin B1b (Z)-8,9 avermectin B1a (Z)-8,9 avermectin B1b	Avocados Cattle fat Cattle liver Cattle meat Kiwifruit Pome fruits Sheep fat Sheep kidney Sheep liver Sheep meat Strawberries Tomatoes	0.02(*) 0.02 0.015 0.01 0.02(*) 0.02(*) 0.05 0.02 0.025 0.02 0.02(*) 0.1
Acephate	30560-19-1	Acephate	Brassica vegetables Citrus fruits Fruiting vegetables Leafy vegetables Potatoes Tamarillos	2 5 1 6 0.5 0.5
Albendazole	54965-21-8	Sum of: Albendazole Albendazole sulphoxide Albendazole sulphone Albendazole sulphone amine <i>Expressed as:</i> Albendazole sulphone amine	Edible offal of sheep Sheep meat	3 0.2

NOTE: (*) indicates that the maximum residue limit has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Aminopyralid	150114-71-9	Aminopyralid	Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Milk	0.01(*) 0.3 0.01(*) 0.01(*) 0.01(*)
Amitraz	33089-61-1	<i>Sum of:</i> Amitraz and metabolites containing the 2,4- dimethylaniline moiety <i>Expressed as:</i> Amitraz	Honey Other bee products	0.1 1
Amitrole	61-82-5	Amitrole	Asparagus Other fruit Pome fruits Stone fruits	0.05(*) 0.05(*) 0.01(*) 0.01(*)
Amoxicillin	26787-78-0	Amoxicillin	Meat Edible offal	0.05 0.05
Ampicillin	69-53-4	Ampicillin	Meat Edible offal	0.05 0.05
Amprolium	121-25-5	Amprolium	Eggs Poultry meat	4 0.5
Apramycin	37321-09-8	Apramycin	Edible offal of poultry Poultry meat	0.5 0.05
Aviglycine	49669-74-1	Aviglycine	Pome fruits Stone fruits (except cherries)	0.1 0.1
Azaconazole	60207-31-0	Azaconazole	Citrus fruits Pome fruits Tomatoes	0.02(*) 0.02(*) 0.05
Azinphos-methyl	85-50-0	Azinphos-methyl	Stonefruit Strawberries Potatoes	2 2 0.05(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Azocyclotin	41083-11-8	<i>Sum of:</i> Azocyclotin Cyhexatin <i>Expressed as:</i> Cyhexatin	Fruits	2
Azoxystrobin	131860-33-8	Azoxystrobin and its z-isomer	Cereal grains (except maize) Grapes Maize Onions Peas (without pods) Potatoes Sweetcorn Tomatoes	0.2 1 0.01(*) 0.01(*) 0.02(*) 0.02(*) 0.01(*) 0.01(*)
Benalaxyl	71626-11-4	Benalaxyl	Potatoes	0.02(*)
Bentazone	25057-89-0	Bentazone and its hydroxyl derivatives	Beans (dwarf green) Soya beans	0.05(*) 0.05(*)
Bifenthrin	82657-04-3	Bifenthrin	Brassica vegetables Kiwifruit Pumpkins Squash Tomatoes	0.05 0.01(*) 0.001(*) 0.001(*) 0.05
Boscalid	188425-85-6	Boscalid	Grapes Kiwifruit Pome fruits Stone fruits	5 0.1(*) 0.05(*) 0.05(*)
Brodifacoum	56073-10-0	Brodifacoum	Any food	0.001(*)
Bromadiolone	28772-56-7	Bromadiolone	Any food	0.001(*)
Bromopropylate	18181-80-1	Bromopropylate	Berries and other small fruits (except grapes) Pome fruits Stone fruits	3 3 3
Bromoxynil	1689-84-5	Bromoxynil	Cereal grains	0.01(*)
Bupirimate	41483-43-6	Bupirimate	Cucurbits Pome fruits	0.01(*) 0.5

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Buprofezin	69327-76-0	Buprofezin	Citrus fruits Grapes Fruiting vegetables Peaches Pome fruits	0.5 0.01(*) 0.5 0.01(*) 0.1
Captan	133-06-2	Captan	Fruit Vegetables	10 10
Carbadox	6804-07-5	Quinoxaline-2-carboxylic acid	Pig liver Pig meat Any other food	0.03 0.005 0.001(*)
Carbaryl	63-25-2	Carbaryl	Cabbages Fruits Tomatoes	3 3 3
Carbendazim	10605-21-7	<i>Sum of:</i> Benomyl, Carbendazim, and Thiophanate methyl <i>Expressed as:</i> Carbendazim	Avocados Beans Berries and other small fruits Cereal grains Citrus fruits Fruiting vegetables (except tomatoes) Lettuce Pome fruits Tomatoes	0.5 2 5 5 0.2 5 0.5 2 2 2
Carprofen	53716-49-7	Carprofen	Cattle fat Cattle kidney Cattle liver Cattle meat Horse fat Horse kidney Horse liver Horse meat Milk	1 1 1 0.5 1 1 1 0.5 1

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Cefquinome	84957-30-2	Cefquinome	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk Pig fat Pig kidney Pig liver Pig meat	0.05 0.2 0.1 0.05 0.03 0.05 0.2 0.1 0.05
Ceftiofur	80370-57-6	Desfuroylceftiofur	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk Pig fat Pig kidney Pig liver Pig meat	2 6 2 1 0.1 2 6 2 1
Cephapirin	21593-23-7	<i>Sum of:</i> Cephapirin Des-acetylcephapirin <i>Expressed as:</i> Cephapirin	Cattle fat Cattle meat Cattle milk Edible offal of cattle	0.1 0.1 0.01 0.1
Chloramphenicol	56-75-7	<i>Sum of:</i> chloramphenicol, chloramphenicol glucuronide <i>Expressed as:</i> chloramphenicol	Any food	0.0003(*)
Chlorantraniliprole	500008-45-7	Chlorantraniliprole	Avocados Brassica vegetables Leafy vegetables Pome fruits Potatoes	0.5 0.3 7 0.3 0.01(*)

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Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Chlorethephon	16672-87-0	2-chloroethylphosphonic acid	Pome fruits Tomatoes	2 1
Chlormequat	7003-89-6	Chlormequat cation	Oats Wheat	5 1
Chlorothalonil	1897-45-6	Chlorothalonil	Beans Berries and other small fruits (except grapes) Brassica vegetables Celery Fruiting vegetables Grapes Lettuce Onions Peaches Stone fruits (except peaches)	5 10 5 15 5 5 10 0.5 30 10
Chlorpropham	101-21-3	Chlorpropham	Potatoes	50
Chlorpyrifos	2921-88-2	Chlorpyrifos	Bananas Fruits (except bananas, grapes, kiwifruit and stone fruits) Grapes Kiwifruit Maize Onions Sheep fat Stone fruits Tomatoes	2 0.2 1 2 0.02 0.1 1.5 1 0.2

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Clethodim	99129-21-2	<i>Sum of:</i> Clethodim <i>and its metabolites containing</i> 5-(2-ethylthiopropyl)cyclohexene-3- one and 5-(2-ethylthiopropyl)-5- hydroxycyclohexene-3-one moieties and their sulphoxides and sulphones <i>Expressed as:</i> Clethodim	Brassica vegetables Fruiting vegetables Leafy vegetables Legume vegetables Stem vegetables	1 1 1 1 1
Clofentezine	74115-24-5	Clofentezine	Citrus fruits Pome fruits	0.5 0.5
Clomazone	81777-89-1	Clomazone	Beans Brassica vegetables Carrots Potatoes Pumpkin Squash	0.05(*) 0.01(*) 0.02 0.05(*) 0.05(*) 0.05(*)
Closantel	57808-65-8	Closantel	Cattle fat Cattle kidney Cattle liver Cattle muscle Edible offal of sheep Sheep meat	3 3 1 1 5 2
Clothianidin	210880-92-5	<i>Sum of:</i> Clothianidin, 2-chlorothiazole-5- ylmethylguanidine, 2-chlothiazol-5-ylmethylurea the pyruvate derivative of N-(2- chlorothiazole-5-ylmethyl)-N'- methylguanidine <i>Expressed as:</i> Clothianidin	Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Milk	0.01(*) 0.01(*) 0.02 0.01(*) 0.01(*)

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Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Coumaphos	56-72-4	<i>Sum of:</i> coumaphos and its oxygen analogue <i>Expressed as:</i> coumaphos	Cattle fat Horse fat Milk fats Pig fat Sheep fat	0.5 0.5 0.1 0.5 0.5
Cyanazine	21725-46-2	Cyanazine	Beans Cereal grains Onions Peas Potatoes Pulses Sweetcorn	0.01(*) 0.01(*) 0.02(*) 0.02 0.01(*) 0.01(*) 0.02(*)
Cyfluthrin	68359-37-5	Cyfluthrin, sum of isomers	Brassica vegetables Sweetcorn	0.5 0.02(*)
Cyhalothrin	68085-85-8	Cyhalothrin, sum of isomers	Brassica vegetables	0.2
Cymoxanil	57966-95-7	Cymoxanil	Garlic Onions Peas Potatoes	0.05(*) 0.05(*) 0.05(*) 0.05(*)
Cypermethrin	52315-07-8	Cypermethrin, sum of isomers	Brassica vegetables	1
Cyproconazole	94361-06-5	Cyproconazole, sum of isomers	Bulb onions Garlic Peas	0.01(*) 0.01(*) 0.01(*)
Cyprodinil	121552-61-2	Cyprodinil	Bulb onions Grapes Pome fruits Stone fruits (except cherries) Strawberries	0.01(*) 1 0.01 0.02(*) 1
Cyromazine	66215-27-8	<i>Sum of:</i> Cyromazine Melamine	Eggs Poultry meat Sheep meat Edible offal of sheep	0.15 0.15 0.3 0.3

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
2,4-D	94-75-7	2,4-D	Citrus fruits Stone fruits	5 1
DDT	50-29-3	<i>Sum of:</i> <i>p,p'</i> -DDT <i>o,p'</i> -DDT <i>p,p'</i> -DDE <i>p,p'</i> -TDE(DDD)	Eggs Fats (except milk fats) Milk fats	0.5 5 1.25
Deltamethrin	52918-63-5	<i>Sum of:</i> deltamethrin α -R-deltamethrin trans-deltamethrin <i>Expressed as:</i> deltamethrin	Avocados Beans Brassica vegetables Grapes Kiwifruit Onions Pome fruits Potatoes Stone fruits Sweetcorn Tamarillos Tomatoes	0.05(*) 0.05(*) 0.05(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.02(*) 0.01(*) 0.02 0.05(*)
Derquantel	187865-22-1	Derquantel	Sheep Fat Sheep Meat Sheep Offal	0.1 0.1 0.1
Dexamethasone	50-02-2	<i>Sum of:</i> Dexamethasone Dexamethasone glucuronide <i>Expressed as:</i> Dexamethasone	Edible offal Meat	0.01 0.01
Diazinon	333-41-5	Diazinon	Fats (except milk fats) Fruits Vegetables	0.7 0.5 0.5
1,3-Dichloropropene	542-75-6	1,3-Dichloropropene, sum of isomers	Fruits Vegetables	0.01(*) 0.01(*)

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Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Dichlorprop-P	15165-67-0	<i>Sum of:</i> Dichlorprop acid, its esters and conjugates, expressed as dichlorprop	Mandarins Oranges	0.1 0.1
Dichlorvos	62-73-7	Dichlorvos	Cereal grains Fruits Vegetable	2 2 2
Dicloran	99-30-9	Dicloran	Berries and other small fruits Kumara Stone fruits	10 5 10
Dicofol	115-32-2	<i>Sum of:</i> <i>o,p'</i> -Dicofol isomer <i>p,p'</i> -Dicofol isomer	Fruits Vegetables	3 3
Dicyclanil	112636-83-6	<i>Sum of:</i> Dicyclanil 2,4,6- triamino-pyrimidine- 5- carbonitrile	Sheep fat Sheep kidney Sheep liver Sheep meat	0.15 0.4 0.4 0.2
Dieldrin and aldrin	60-57-1 and 309-00-2	<i>Sum of:</i> HHDN HEOD (MRLs cover dieldrin and aldrin singly or in combination)	Cereal grains Citrus fruits Fats (except milk fats) Milk fats Any other food	0.02 0.05 0.2 0.15 0.1
Difenoconazole	119446-68-3	Difenoconazole	Brassica vegetables	0.2
Diflubenzuron	385-00-2	2,6-diflurobenzoic acid	Mushrooms	1
Diflufenican	83164-33-4	Diflufenican	Barley Wheat	0.01(*) 0.01(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Dihydrostreptomycin and streptomycin	128-46-1 and 57-92-1	Streptomycin or dihydrostreptomycin (MRLs cover streptomycin and dihydrostreptomycin singly or in combination)	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk Pig fat Pig kidney Pig liver Pig meat Poultry fat Poultry kidney Poultry liver Poultry meat Sheep fat Sheep kidney Sheep liver Sheep meat	0.5 1 0.5 0.5 0.2 0.5 1 0.5 0.5 0.5 1 0.5 0.5 0.5 1 0.5 0.5
Dimethoate and omethoate	60-51-5 and 1113-02-6	<i>Sum of:</i> Dimethoate Omethoate <i>Expressed as:</i> Dimethoate (MRLs cover dimethoate and omethoate singly or in combination)	Fruits Tomatoes Vegetables (except tomatoes)	2 1 2
Dimethomorph	110488-70-5	Dimethomorph, sum of isomers	Grapes	0.5
Dimetridazole	551-92-8	<i>Sum of:</i> dimetridazole 1-methyl 2-hydroxymethyl 5- nitroimidazole	Pig meat	0.1
Diphenylamine	122-39-4	Diphenylamine	Apples	10

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Diquat	2764-72-9	Diquat cation	Barley Fruits Onions Peas Vegetables (except beans, onions and peas) Wheat	5 0.05(*) 0.1 0.1 0.05(*) 2
Dithianon	3347-22-6	Dithianon	Grapes Pome fruits Stone fruits	2 2 2
Dithiocarbamates (except propineb)		Total dithiocarbamates, determined as CS ₂ , evolved during acid digestion and expressed as mg CS ₂ /kg (MRLs apply to total residues from the use of any or each of the groups of dithiocarbamates alone or in combination, excluding propineb)	Fruits Vegetables	7 7
Dodine	2439-10-3	Dodine	Nectarines Peaches Pome fruits	0.02(*) 0.02(*) 2
Doramectin	117704-25-3	Doramectin	Cattle fat Cattle kidney Cattle liver Cattle meat Milk Pig fat Pig kidney Pig liver Pig meat Sheep fat Sheep kidney Sheep liver Sheep meat	0.15 0.03 0.1 0.01 0.015 0.15 0.03 0.1 0.01 0.15 0.03 0.1 0.02

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Emamectin benzoate	155569-91-8	<i>Sum of:</i> emamectin B1a emamectin B1b (Z)-8,9 emamectin B1a (Z)-8,9 emamectin B1b <i>Expressed as:</i> emamectin	Avocados Grapes Kiwifruit Pome fruits	0.005 0.002(*) 0.002(*) 0.001(*)
Endothal	145-73-3	Endothal	Potatoes	0.05(*)
Epoxiconazole	135319-73-2	Epoxiconazole	Barley Wheat	0.05(*) 0.05(*)
Eprinomectin	123997-26-2	Eprinomectin B1a	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk	0.25 0.3 1.5 0.05 0.02
Ethyl formate	109-94-4	Ethyl formate	Breakfast cereals Dried fruits	250 250
Etoxazole	153233-91-1	Etoxazole	Avocados	0.1
Febantel	58306-30-2	<i>Sum of:</i> Fenbenzole Oxfendazole Fenbendazole sulphone <i>Expressed as:</i> Fenbendazole sulphone	Eggs Liver Meat	0.5 0.5 0.01
Fenamidone	161326-34-7	<i>Sum of:</i> Fenamidone and its desmethylthio metabolites	Onions Potatoes	0.05(*) 0.05(*)
Fenamiphos	22224-92-6	<i>Sum of:</i> fenamiphos and its sulphoxide and sulphone <i>Expressed as:</i> fenamiphos	Kiwifruit Root vegetables Tuber vegetables	0.05(*) 0.2 0.2

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Fenarimol	60168-88-9	Fenarimol	Grapes Pome fruits	0.1 0.1
Fenbendazole	43210-67-9	<i>Sum of:</i> Fenbendazole Oxfendazole Fenbendazole sulphone <i>Expressed as:</i> Fenbendazole sulphone	Mammalian fat Mammalian kidney Mammalian liver Mammalian muscle	0.05 0.05 0.5 0.05
Fenbuconazole	114369-43-6	Fenbuconazole	Pome fruits	0.02
Fenhexamid	126833-17-8	Fenhexamid	Grapes Lemons Oranges Strawberries	1 3 3 3
Fenitrothion	122-14-5	Fenitrothion	Cereal grains	0.5
Fenoxaprop-P-ethyl	71283-80-2	<i>Sum of:</i> Fenoxaprop-P-ethyl (all isomers), 2-(4-(6-chloro-2-benzoxazolyl-2-oxo)-phenoxy)-propionic acid and 6-chloro-2,3-dihydro-benzoxazol-2-one <i>Expressed as:</i> Fenoxaprop-P-ethyl	Barley Cattle fat Cattle meat Edible offal of cattle Edible offal of goat Edible offal of sheep Goat fat Goat meat Sheep fat Sheep meat Wheat	0.01(*) 0.02(*) 0.02(*) 0.05 0.05 0.05 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Fenpropidin	67306-00-7	Fenpropidin	Barley Mammalian fat Mammalian kidney Mammalian liver Mammalian muscle Milk Wheat	0.02(*) 0.01(*) 0.02 0.03 0.01(*) 0.005(*) 0.02(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Fenpropimorph	67564-91-4	Fenpropimorph	Barley Mammalian kidney Mammalian liver Milk Wheat	0.5 0.1 1 0.01 0.05(*)
Fenvalerate	51630-58-1	Fenvalerate, sum of isomers	Brassica vegetables Kiwifruit Legume vegetables Pome fruits Tomatoes	5 3 1 1 0.2
Fipronil	120068-37-3	<i>Sum of:</i> Fipronil fipronil-desulfinyl fipronil sulfone fipronil thioether. <i>Expressed as:</i> fipronil	Brassica vegetables Citrus fruits Mushrooms Onions	0.02(*) 0.01(*) 0.01(*) 0.01(*)
Flocoumafen	90035-08-8	Flocoumafen	Any foods	0.001(*)
Florfenicol	73231-34-2	<i>Sum of the free and tissue bound forms of:</i> florfenicol alcohol monochloro-florfenicol florfenicol oxamic acid florfenicol amine, <i>Expressed as:</i> total florfenicol amine	Cattle fat Cattle kidney Cattle liver Cattle meat Deer fat Deer kidney Deer liver Deer meat Pig fat Pig kidney Pig liver Pig meat Poultry fat Poultry kidney Poultry liver Poultry meat	0.3 0.3 3 0.1 0.3 0.3 3 0.1 0.3 0.3 3 0.1 0.3 0.3 3 0.1

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Fluazinam	79622-59-6	Fluazinam	Brassica vegetables Grapes Potatoes Tomatoes	0.02(*) 1 0.02(*) 0.02(*)
Flubendazole	31430-15-6	<i>Sum of:</i> Flubendazole (2-amino-1 H-benzimidazole-5-yl)- (4-fluorophenyl methanone)	Edible offal of poultry Eggs	0.5 0.4
Fludioxinil	131341-86-1	Fludioxinil	Bulb onions Grapes Strawberries	0.01(*) 1 1
Flufenacet	142459-58-3	<i>Sum of:</i> Flufenacet, flufenacet sulfonic acid, flufenacet thioglycolate sulfoxide and flufenacet oxalate <i>Expressed as:</i> Flufenacet	Barley Wheat	0.05(*) 0.05(*)
Flumethrin	69770-45-2	Flumethrin, sum of trans Z isomers	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk Honey Other bee products Sheep fat Sheep kidney Sheep liver Sheep meat	0.15 0.01 0.02 0.01 0.03 0.05 1 0.15 0.01 0.02 0.01
Fluopicolide	239110-15-7	Fluopicolide	Potatoes	0.05
Fluoxastrobin	361377-29-9	<i>Sum of:</i> Fluoxastrobin Fluoxastrobin isomers <i>Expressed as:</i> Fluoxastrobin	Cereal grains	0.01(*)

NOTE: (*) indicates that the maximum residue limit has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Fluquinconazole	136426-54-5	Fluquinconazole	Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Wheat	0.5 0.1 0.2 0.02(*) 0.01(*)
Fluroxypyr	69377-81-7	Fluroxypyr	Apples Onions	0.02(*) 0.05
Flusilazole	85509-19-9	Flusilazole	Citrus fruits	0.1
Flusulfamide	106917-52-6	Flusulfamide	Brassica vegetables Potatoes	0.02(*) 0.02(*)
Folpet	133-07-3	Folpet	Apples Berries and other small fruits (except grapes and currants (black, red, white)) Citrus fruits Currants (black, red, white) Grapes	10 15 10 30 25
Foramsulfuron	173159-57-4	Foramsulfuron	Maize	0.01(*)
Forchlorfenuron	68157-60-8	Forchlorfenuron	Apples	0.01(*)
Formetanate hydrochloride	23422-53-9	Formetanate free base	Onions	0.2
Fuberidazole	3878-19-1	Fubaridazole	Barley Oats Wheat	0.05(*) 0.05(*) 0.05(*)
Glufosinate- ammonium	51276-47-2	<i>Sum of:</i> glufosinate-ammonium 3- [hydroxy(methyl)phosphinoyl]propio nic acid <i>Expressed as:</i> glufosinate (free acid)	Canefruit Citrus fruits Grapes Kiwifruit Pome fruits Stone fruits	0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*)
Glyphosate	1071-83-6	Glyphosate	Fruits	0.01(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Halofuginone	55837-20-2	Halofuginone	Cattle fat Cattle kidney Cattle liver Cattle meat	0.02 0.03 0.03 0.01
Halosulfuron-methyl	100784-20-1	Halosulfuron-methyl	Maize	0.01(*)
Haloxypop	72619-32-0	<i>Sum of:</i> Haloxypop esters Haloxypop and its conjugates <i>Expressed as:</i> Haloxypop	Citrus fruits Pome fruits	0.05(*) 0.05(*)
Hexythiazox	78587-05-0	Hexythiazox	Mandarins Peaches	0.2 0.5
Imazalil	35554-44-0	Imazalil	Citrus fruits	5
Imazapyr	81334-34-1	Imazapyr	Maize	0.05(*)
Imidacloprid	138261-41-3	<i>Sum of:</i> Imidacloprid and its metabolites containing the 6-chloropyridinyl moiety <i>Expressed as:</i> Imidacloprid	Brassica vegetables Citrus fruits Lettuce Onions Potatoes Sweetcorn	0.02(*) 0.02(*) 1 0.02(*) 0.02(*) 0.02(*)
Indoxacarb	173584-44-6	Indoxacarb, sum of isomers	Brassica vegetables Grapes Head lettuce Pome fruits	0.5 0.5 1 0.5
Iodosulfuron-methyl- sodium	144550-36-7	Iodosulfuron-methyl	Cereal grains	0.01(*)
Iprodione	36734-19-7	Iprodione	Berries and other small fruits Kiwifruit Leafy vegetables Stone fruits Tangelos Tomatoes	10 5 5 10 2 5

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Iprovalicarb	140923-17-7	Iprovalicarb	Onions Potatoes	0.05(*) 0.05(*)
Isoproturon	34123-59-6	Isoproturon	Cereal grains	0.01(*)
Isopyrazam	881685-58-1	Isopyrazam, sum of isomers	Barley Wheat	0.5 0.2
Ivermectin	70288-86-7	Ivermectin B1a	Cattle fat Cattle liver Meat Milk Other fat (except milk fats) Other liver (except cattle liver)	0.04 0.1 0.01 0.01 0.02 0.015
Kresoxim-methyl	143390-89-0	Kresoxim-methyl	Apples Barley Wheat	0.01(*) 0.05(*) 0.05(*)
Lambda-cyhalothrin	91465-08-6	Lambda-cyhalothrin	Citrus fruits Grapes Maize Onions Potatoes Sweetcorn	0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*)
Lasalocid or its free sodium salt	25999-31-9	Lasalocid reported as free acid equivalents	Edible offal of poultry Poultry fat Poultry meat	5 0.2 0.2
Levamisole	14769-73-4	Levamisole as a free base	Edible offal (except liver) Fat Liver Meat	0.01 0.01 0.1 0.01
Lignocaine (lidocaine)	137-58-6	<i>Sum of:</i> Lignocaine 2,6-dimethylaniline <i>Expressed as:</i> 2,6-dimethylaniline	Deer velvet	0.1
Lincomycin	154-21-2	Lincomycin	Cattle milk	0.15

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Lindane	58-89-9	Lindane	Fats (except milk fats)	2
Lufenuron	103055-07-8	Lufenuron	Apples Pears	0.02(*) 0.05
Maduramicin	61991-54-6	Maduramicin	Poultry liver	0.5
Maldison	121-75-5	Maldison	Cattle fat Cereal grains Eggs Fruits Horse fat Pig fat Vegetables Any other food	1 8 1 8 1 1 8 0.5
Maleic hydrazide	123-33-1	<i>Sum of:</i> Free maleic hydrazide Conjugated maleic hydrazide <i>Expressed as:</i> maleic hydrazide	Bulb vegetables Potatoes	15 50
Mandipropamid	374726-62-2	Mandipropamid	Bulb onions Green onions Potatoes	0.01(*) 0.2 0.01(*)
Marbofloxacin	115550-35-1	Marbofloxacin	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk Pig fat Pig kidney Pig liver Pig meat	0.05 0.15 0.15 0.15 0.075 0.05 0.15 0.15 0.15
MCPA	94-74-6	MCPA	Cereal grains	0.02(*)
MCPB	94-81-5	MCPB	Cereal grains	0.02(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Mecoprop	7085-19-0	Mecoprop (sum of isomers). <i>Expressed as :</i> Mecoprop-P	Cereal grains	0.05(*)
Meloxicam	71125-38-7	Meloxicam	Cattle kidney Cattle liver Cattle meat Milk Pig kidney Pig liver Pig meat	0.035 0.05 0.025 0.015 0.2 0.1 0.01
Mepiquat chloride	24307-26-4	Mepiquat	Cereal grains	2
Mesosulfuron-methyl	208465-21-8	Mesosulfuron-methyl	Wheat	0.01(*)
Mesotrione	104206-82-8	Mesotrione	Maize	0.01(*)
Metalaxyl and metalaxyl-M	57837-19-1 and 70630-17-0	Metalaxyl (sum of isomers). <i>Expressed as:</i> Metalaxyl	Asparagus Avocados Berries and other small fruits Brassica vegetables Fruiting vegetables (except tomatoes) Onions Potatoes Tomatoes	0.2 0.05(*) 2 0.05(*) 0.2 0.05(*) 0.05(*) 0.05(*)
Methabenzthiazuron	18691-97-9	Methabenzthiazuron	Asparagus Bulb vegetables Peas Potatoes	0.05(*) 0.05(*) 0.05(*) 0.05(*)
Methamidophos	10265-92-6	Methamidophos	Brassica vegetables Citrus fruits Fruiting vegetables (except tomatoes) Leafy vegetables Potatoes	1 0.5 0.2 0.5 0.05(*)
Methiocarb	2032-65-7	Methiocarb	Cereal grains	0.05(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Methomyl	16752-77-5	<i>Sum of:</i> Methomyl Thiodicarb <i>Expressed as:</i> Methomyl	Beans Berries and other small fruits Brassica vegetables Cereal grains Fruiting vegetables (cucurbits) Fruiting vegetables (except cucurbits) Lettuce Pome fruits	0.2 0.5 0.2 0.2 0.2 0.5 0.2 1
Methoxyfenozide	161050-58-4	Methoxyfenozide	Avocados Kiwifruit Pome fruit	0.1 0.5 0.5
Methyl Bromide	74-83-9	Considered as inorganic bromide and calculated as total bromide	Nuts Spices Any other food	200 400 50
1- Methylcyclopropene	3100-04-7	Ethylene receptor bound 1- methylcyclopropene	Fruit Vegetables	0.01 0.01
Metolachlor	51218-45-2	Metolachlor	Asparagus Pumpkins Sweetcorn Summer Squash Winter Squash	0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*)
Metrafenone	220899-03-6	Metrafenone	Pumpkins Winter Squash	0.01* 0.01*
Milbemectin	51596-10-2 and 51596-11-3	<i>Sum of:</i> milbemycin A3 milbemycin A4 (Z)-8,9 milbemycin A3 (Z)-8,9 milbemycin A4 <i>Expressed as:</i> Milbemectin	Avocados Citrus fruits Pome fruits Stone fruits Strawberries	0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Monensin	17090-79-8	Monensin free acid	Mammalian fats	0.05

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Monepantel	887148-69-8	Monepantel-sulphone	Goat fat Goat kidney Goat liver Goat meat Sheep fat Sheep kidney Sheep liver Sheep meat	7 2 5 0.7 7 2 5 0.7
Moxidectin	113507-06-5	Moxidectin	Cattle fat Cattle kidney Cattle liver Cattle meat Deer fat Deer kidney Deer liver Deer meat Milk fats Sheep fat Sheep kidney Sheep liver Sheep meat	0.5 0.05 0.1 0.02 0.5 0.05 0.1 0.02 1 0.5 0.05 0.1 0.05
Myclobutanil	88671-89-0	Myclobutanil	Cucurbits (inedible peel) Grapes Pome fruits	0.02 0.2 0.1
1-Naphthylacetic acid	86-87-3	1-Naphthylacetic acid	Mandarins (Satsuma and Encore)	0.01(*)
Narasin	55134-13-9	Narasin	Edible offal of poultry	0.5
N6-Benzyladenine	1214-39-7	N6-Benzyladenine	Apples Cherries	0.01(*) 0.01(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Neomycin	1404-04-2	Neomycin	Cattle milk Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Poultry eggs Poultry fat Poultry liver Poultry meat	1.5 0.5 5 0.5 0.5 0.5 0.5 0.5
Nicarbazin	330-95-0	1,3-N,N'-bis (4 nitrophenyl) urea as nicarbazin	Poultry edible offal Poultry muscle Poultry skin/fat	9 4 4
Nicosulfuron	111991-09-4	Nicosulfuron	Maize	0.01(*)
Nitroxylin	1689-89-0	Nitroxylin	Cattle fat Cattle kidney Cattle liver Cattle meat	0.2 0.4 0.02 0.4
Novaluron	116714-46-6	Novaluron	Pome fruits	0.05(*)
Oxadiazon	19666-30-9	Oxadiazon	Canefruit Grapes Onions Pome fruits Stone fruits	0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*)
Oxfendazole	53716-50-0	<i>Sum of:</i> Fenbenzole Oxfendazole Fenbendazole sulphone <i>Expressed as:</i> Fenbendazole sulphone	Mammalian fat Mammalian kidney Mammalian liver Mammalian muscle	0.05 0.05 0.5 0.05

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Oxyfluorfen	42874-03-3	Oxyfluorfen	Brassica vegetables Grapes Kiwifruit Onions Pome fruits Stone fruits	0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*)
Paclobutrazol	76738-62-0	Paclobutrazol	Avocados Stonefruits	0.01(*) 0.01(*)
Paraquat	4685-14-7	Paraquat cation	Fruits Vegetables	0.05(*) 0.05(*)
Pendimethalin	40487-42-1	Pendimethalin	Carrots Fruits Lettuce Onions Peas Sweetcorn	0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*)
Permethrin	52645-53-1	Permethrin, sum of isomers	Berries and other small fruits (except grapes) Brassica vegetables Grapes Fruiting vegetables Kiwifruit Kumara Legume vegetables Pome fruits	1 1 0.5 0.5 2 1 0.5 1
Phosmet	732-11-6	Phosmet	Cherries Cranberries	10 10
Phosphine	7803-51-2	Hydrogen phosphide (phosphine)	Any food (except cereal grains and pome fruits) Cereal grains Pome fruits	0.01 0.1(*) 0.05

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Picoxystrobin	117428-22-5	Picoxystrobin	Barley Mammalian fat Mammalian meat Mammalian offal Wheat	0.2 0.01(*) 0.01(*) 0.01(*) 0.01(*)
Pindone	83-26-1	Pindone	Any food	0.001(*)
Pinoxaden	243973-20-8	<i>Sum of:</i> Pinoxaden and its M2 metabolite: (8-(2,6-diethyl-4-methyl-phenyl)- tetrahydro-9H-pyrazolo[1,2- d][1,4,5]oxadiazepine-7,9-dione <i>Expressed as:</i> Pinoxaden	Cereal grains	0.01(*)
Piperonyl butoxide	51-03-6	Piperonyl butoxide	Fruits Vegetables	8 8
Pirimicarb	23103-98-2	<i>Sum of:</i> Pirimicarb demethyl-pirimicarb demethylformamido-pirimicarb <i>Expressed as:</i> pirimicarb	Berries and other small fruits (except grapes) Brassica vegetables Cereal grains Citrus fruits Fruiting vegetables Leafy vegetables Legume vegetables Pome fruits Stone fruits	1 0.5 0.5 1 1 1 0.5 0.5 1
Pirimiphos-methyl	29232-93-7	Pirimiphos-methyl	Beans Berries and other small fruits Brassica vegetables Cereal grains Citrus fruits Fruiting vegetables Kiwifruit Leafy vegetables Persimmons Pome fruits	0.2 1 2 5 1 1 2 10 0.5 1

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Pirlimycin	78822-40-9	<i>Sum of:</i> Pirlimycin Pirlimycin sulphoxide Pirlimycin sulphone	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk	0.05 0.1 0.5 0.05 0.1
Prochloraz	67747-09-5	<i>Sum of :</i> Prochloraz Any metabolites containing the 2,4,6-trichlorophenol moiety <i>Expressed as:</i> Prochloraz	Avocados Bananas Cereal grains Mushrooms Papaya	5 5 0.3 3 2
Procymidone	32809-16-8	Procymidone	Beans Cucurbits Grapes Leafy vegetables Stone fruits Strawberries Tomatoes	2 1 5 1 3 0.5 1
Prohexadione calcium	127277-53-6	Prohexadione calcium	Pome fruits	0.02(*)
Propachlor	1918-16-7	Propachlor	Vegetables	0.05(*)
Propamocarb	24579-73-5	Propamocarb	Potatoes	0.1
Propargite	2312-35-8	Propargite	Berries and other small fruits Citrus fruits Pome fruits Stone fruits	3 3 3 3
Propazine	139-40-2	Propazine	Carrots Parsnips	0.05(*) 0.05(*)
Propham	122-42-9	Propham	Potatoes	50

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Propiconazole	60207-90-1	Propiconazole	Apples Barley Mushrooms Oats Olives Wheat	0.01(*) 0.02(*) 0.05(*) 0.02(*) 0.01(*) 0.02(*)
Propineb	12071-83-9	Total dithiocarbamates, determined as CS ₂ , evolved during acid digestion and expressed as mg CS ₂ /kg	Onions	0.5
Propyzamide	23950-58-5	Propyzamide	Leafy vegetables	1
Proquinazid	189278-12-4	Proquinazid	Grapes Apples Cucurbits(inedible peel) Cucurbits(edible peel)	0.02 0.1 0.01 0.1
Prothioconazole	178928-70-6	<i>Sum of:</i> Prothioconazole Prothioconazole-desthio <i>Expressed as:</i> prothioconazole	Cereal grains	0.02(*)
Prothiofos	34643-46-4	Prothiofos	Grapes Pome fruits	0.02(*) 0.02(*)
Pymetrozine	123312-89-0	Pymetrozine	Lettuce Potatoes Stone fruits Tamarillos Tomatoes	3 0.02(*) 0.05 0.02(*) 0.5

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Pyraclostrobin	175013-18-0	Pyraclostrobin	Apples Barley Grapes Kiwifruit Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Milk Pears Stone fruits Wheat	0.02(*) 0.02(*) 3 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Pyrethrins	8003-34-7	Total pyrethrins, calculated as the sum of pyrethrins I and II, cinerins I and II and jasmolins I and II, determined after calibration with the World Standard pyrethrum extract.	Fruits Vegetables	1 1
Pyrimethanil	53112-28-0	Pyrimethanil	Grapes	5
Pyriproxyfen	95737-68-1	Pyriproxyfen	Cucumbers Tomatoes	0.1 1
Quinoxifen	124495-18-7	Quinoxifen	Cucurbits (inedible peel) Grapes	0.01(*) 0.3
Quizalofop-P-ethyl	100646-51-3	Sum of : quizalofop-ethyl quizalofop acid and other esters Expressed as: quizalofop-ethyl	Beans Cucurbits Potatoes Tomatoes	0.02(*) 0.02(*) 0.02(*) 0.02(*)
Ractopamine	97825-25-7	Ractopamine	Pig fat Pig kidney Pig liver Pig muscle	0.01 0.09 0.04 0.01
Robenidine	25875-51-8	Robenidine	Poultry meat	2
Salinomycin	53003-10-4	Salinomycin	Poultry liver	0.5

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Semduramicin	113378-31-7	Semduramicin	Poultry liver	0.5
Sodium mono- fluoroacetate	62-74-8	Monofluoroacetic acid anion	Any food	0.001(*)
Spectinomycin	1695-77-8	Spectinomycin	Sheep fat Sheep kidney Sheep liver Sheep meat	2 5 2 0.5
Spinetoram	187166-40-1 + 187166-15-0	<i>Sum of:</i> XDE-175-J XDE-175-L <i>Expressed as:</i> Spinetoram	Apples Pears Potatoes Tomatoes	0.05 0.05 0.02(*) 0.02(*)
Spinosad	168316-95-8 (131929-60-7 + 131929-63- 0)	<i>Sum of:</i> spinosyn A spinosyn D <i>Expressed as:</i> Spinosad	Citrus fruits Grapes Kiwifruit Potatoes Sheep fat Sheep kidney Sheep liver Sheep meat Stone fruits Tomatoes	0.05 0.1 0.2 0.01(*) 2 0.5 0.5 0.05 1 0.05
Spiromesifen	283594-90-1	Spiromesifen	Cucumber Peppers (sweet) Tomatoes	0.2 1 0.5
Spirotetramat	203313-25-1	<i>Sum of:</i> Spirotetramat and its enol metabolite <i>Expressed as:</i> Spirotetramat	Kiwifruit Potatoes Tomatoes	0.1 0.5 0.3

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Spiroxamine	118134-30-8	Spiroxamine	Barley Grapes Mammalian fat Mammalian kidney Mammalian liver Mammalian muscle Wheat	0.05(*) 0.05(*) 0.01(*) 0.05 0.05 0.01(*) 0.05(*)
Streptomycin	57-92-1	Streptomycin	Pome fruits Stone fruits	0.1(*) 0.1(*)
Sulphur dioxide and sodium and potassium sulphites	7446-09-5	<i>Sum of :</i> Sulphites including bisulphites and metabisulphites calculated as sulphur dioxide	Blueberries Grapes Longans	10 10 10
Tebuconazole	107534-96-3	Tebuconazole	Bulb vegetables Cereal grains Peas Stone fruits	0.2 0.05(*) 0.2 1
Tebufenozide	112410-23-8	Tebufenozide	Avocados Grapes Kiwifruit Pome fruits Stone fruits (except cherries)	0.2 0.5 0.5 0.5 0.5
Temephos	3383-96-8	<i>Sum of:</i> Temephos Temephos sulphoxide <i>Expressed as:</i> Temephos	Cattle fat	2
Tepraloxydim	149979-4-9	<i>Sum of:</i> Tepraloxydim and metabolites converted to 3-(tetrahydro-pyran-4- yl)-glutaric acid and 3-hydroxy-3- (tetrahydro-pyran-4-yl)-glutaric acid, <i>Expressed as:</i> Tepraloxydim	Onions	0.1*

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Terbufos	13071-79-9	<i>Sum of:</i> terbufos its oxygen analogue and their sulfoxides and sulfones. <i>Expressed as:</i> Terbufos	Cereal grains	0.01(*)
Tetracyclines	60-54-8	MRLs cover Oxytetracycline, Tetracycline, Chlortetracycline, or Doxycycline singly or in combination	Cattle kidney Cattle liver Cattle meat Cattle milk Fish meat Pig kidney Pig liver Pig meat Poultry eggs Poultry kidney Poultry liver Poultry meat Sheep kidney Sheep liver Sheep meat	0.6 0.3 0.1 0.1 0.1 0.6 0.3 0.1 0.2 0.6 0.3 0.1 0.6 0.3 0.1
Thiabendazole	148-79-8	Thiabendazole	Bananas Citrus fruits Meat Potatoes	3 3 0.1 10
Thiacloprid	111988-49-9	Thiacloprid	Avocados Kiwifruit Onions Pome fruits Potatoes Stone fruits (except cherries)	0.05 0.02(*) 0.01(*) 0.3 0.02 (*) 0.02(*)

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Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Thiamethoxam	153719-23-4	Thiamethoxam	Kiwifruit Maize Pome fruits Potatoes Sweetcorn	1 0.02(*) 0.1 0.02(*) 0.02(*)
Thiodicarb	59669-26-0	<i>Sum of:</i> Thiodicarb Methomyl Methomyl oxime <i>Expressed as:</i> Thiodicarb	Brassica vegetables Leafy vegetables Legume vegetables Stem vegetables	1 1 1 1
Tilmicosin	108050-54-0	Tilmicosin	Pig fat Pig kidney Pig liver Pig meat	0.1 1 1.5 0.1
Toltrazuril	69004-03-1	<i>Sum of:</i> Toltrazuril Toltrazuril sulphoxide Toltrazuril sulphone <i>Expressed as</i> Toltrazuril	Cattle fat Cattle kidney Cattle liver Cattle muscle Edible offal of poultry Pig fat Pig kidney Pig liver Pig meat Poultry meat	0.15 0.25 0.5 0.1 1 0.5 2 2 0.5 0.5
Tolyfluanid	731-27-1	Tolyfluanid	Grapes Pome fruits	0.02(*) 1
Tralkoxydim	87820-88-0	Tralkoxydim	Barley Wheat	0.02(*) 0.02(*)
Triadimefon	43121-43-3	<i>Sum of:</i> triadimefon triadimenol <i>Expressed as:</i> triadimefon	Garden peas (shelled succulent seeds) Garden peas (young pods succulent seeds)	0.2 0.2

NOTE: (*) indicates that the maximum residue limit has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Triadimenol	55219-65-3	Triadimenol	Bulb vegetables Cereal grains Peas	0.2 1 0.2
Triallate	2303-17-5	Triallate	Barley Peas Wheat	0.05(*) 0.05(*) 0.05(*)
Tribenuron-methyl	101200-48-0	Tribenuron-methyl	Cereal grains (except maize) Edible offal (mammalian) Maize Meat (mammalian) Milks	0.01(*) 0.01(*) 0.05(*) 0.01(*) 0.01(*)
Trichlorfon	52-68-6	<i>Sum of:</i> Trichlorfon Dichlorvos <i>Expressed as:</i> Dichlorvos	Milk Sugarbeet	0.05 0.05
Triclabendazole	68786-66-3	<i>Sum of:</i> Triclabendazole Triclabendazole sulphoxide Triclabendazole sulphone <i>Expressed as:</i> Triclabendazole	Cattle fat Cattle meat Edible offal of cattle Edible offal of sheep Sheep fat Sheep meat	0.1 0.2 0.3 0.1 0.1 0.1
Trifloxystrobin	141517-21-7	<i>Sum of:</i> trifloxystrobin and its free acid metabolite. <i>Expressed as:</i> trifloxystrobin equivalents	Cereal grains Citrus fruits (except Clementine and Satsuma mandarins) Cucurbits (inedible peel) Grapes Kiwifruit Mandarins (Clementine and Satsuma) Pome fruits Stone fruits (except cherries)	0.05(*) 0.3 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Triflumuron	64628-44-0	Triflumuron	Edible offal of sheep Sheep meat	0.05 0.05

NOTE: (*) indicates that the maximum residue limit has been set at or about the limit of analytical quantification

Column 1	Column 2	Column 3	Column 4	Column 5
Compound Common Name	CAS#	Residue to which the maximum residue limit applies	Food	Maximum Permitted Residue Level (mg/kg)
Triforine	26644-46-2	Triforine	Berries and other small fruits (except grapes) Brassica vegetables Celery Cereal grains Grapes Fruiting vegetables (except tomatoes) Pome fruits Stone fruits Tomatoes	10 0.5 10 0.5 3 0.5 0.5 3 2
Trinexpac-ethyl	104273-73-6	4-(cyclopropyl- α -hydroxy- methylene)-3,5-dioxo- cyclohexanecarboxylic acid	Cereal grains	0.05(*)
Uniconazole-P	83657-17-4	Uniconazole-P - sum of isomers, expressed as Uniconazole-P	Avocados	0.5
Warfarin	81-81-2	Warfarin	Any food	0.001(*)
Xylazine	7361-61-7	<i>Sum of:</i> Xylazine 2,6-dimethylaniline <i>Expressed as:</i> 2,6-dimethylaniline	Deer velvet	0.5

NOTE: (*) indicates that the maximum residue limit has been set at or about the limit of analytical quantification

Schedule 2

Exemptions from Maximum Residue Limits for Plant Compounds

Column 1	Column 2	Column 3
Substance	CAS#	Condition
9,10-Anthraquinone	84-65-1	Used as a bird repellent for grapes
Ammonium thiosulphate	7783-18-8	Applied during flowering for fruit reduction in pomefruit and stonefruit
Bacillus thuringiensis	68038-71-1	Used as an insecticide
Benzalkonium chloride	8001-54-5	When applied as a fungicide prior to the end of flowering on kiwifruit, olives and as a fungicide applied prior to the end of December on pome fruits
Boric acid	10043-35-3	When applied as a fungicide for pruning wound treatment of fruit and control of canker in apple orchards
Bromochlorodimethylhydantoin	16079-88-2	When applied as a biocide to fruits and vegetables
Calcium polysulphide (lime sulphur)	1344-81-6	Used as a fungicide or insecticide on food producing plant species
Canola Oil	120962-03-0	Used as an insecticide
Chitosan	9012-76-4	No condition of use applies
Chlorine dioxide	10049-04-4	When applied as a fungicide to fruit and vegetables at a concentration not exceeding 10ppm.
Copper and its salts	7440-50-8	Used in plant compounds
Didecyl Dimethyl Ammonium Chloride	7173-51-5	When applied as a fungicide on fruits and vegetables.
1,4-Dimethylnaphthalene	571-58-4	When used for maintenance of sprout inhibition in stored potatoes
Ethyl formate	109-94-4	Used as a post-harvest fumigant on cereal grains, fruit, oilseeds and vegetables
Ethylene	74-85-1	When used for ripening and de-greening of fruits.
Extract of <i>Azadirachta indica</i> (Neem)(containing azadirachtin)	None (Azadirachtin: 11141-17-6)	Where the primary mode of action derives from the presence of azadirachtin, and; When used as an insecticide for food producing plant species.
Fatty acids of 8 carbons or more in their chains, and their salts	n/a	Used as herbicides, insecticides or fungicides
Fish oil (food grade)	n/a	Used on food producing plant species

Column 1	Column 2	Column 3
Substance	CAS#	Condition
Gibberellic acid (gibberellins GA3, GA4 and GA7 and potassium gibberellate)	77-06-5	Used as a plant regulator applied at <200gai/ha/year
Hydrogen peroxide	7722-84-1	When used as a spray-on fungicide and bactericide treatment for fruit
Iron-EDTA complex	15275-07-7	When used in pellet form as a molluscicide
Iron phosphate	10045-86-0	When used in pellet form as a molluscicide
<i>Microbial Pesticide Organisms (consisting of either; whole organism, organism organelles, organism spores or occlusion bodies and genetically modified serotypes and strains)</i>	n/a	Except where otherwise stated in this standard Where an organism is registered under the Agricultural Compounds and Veterinary Medicines Act 1997 and intended for use as a plant compound, and; Where organism leaves no quantifiable residue of toxins or metabolites exceeding that of expected background levels, and; Where organism has been determined to be non-pathogenic or non-toxic to humans.
Peroxyacetic acid	79-21-0	When used as a spray-on fungicide and bactericide treatment for fruit
Phosphorous acid	10294-56-1 or 13598-36-2	When directly used as an agricultural compound, and a representative of the use of fosetyl aluminium as an agricultural compound.
Pine oil	8002-09-3	When used as a herbicide
Plant extracts (unrefined)	n/a	Except where otherwise stated in this standard Where the extract is registered under the Agricultural Compounds and Veterinary Medicines Act 1997 and intended for use as an agricultural chemical, and; Where the extract is derived from plants of the following species: <i>Opuntia linheimeri</i> (Texas prickly pear), <i>Quercus falcate</i> (Southern red oak), <i>Rhus aromatica</i> (Fragrant surmac), <i>Rhizophoria mangle</i> (Red mangrove)
Potassium bicarbonate	298-14-6	When used as a fungicide for fruit and cucurbits
Salicylic acid	69-72-7	When used on any fruit
Sulphur	7704-34-9	Used in plant compounds

Schedule 3

Exemptions from Maximum Residue Limits for Veterinary Drugs

Column 1	Column 2	Column 3
Substance	CAS#	Condition
Bismuth and its salts	7440-69-9	Oral use as a gastrointestinal antacid agent
Bronopol	52-51-7	Used as an antimicrobial agent for farmed salmon and salmon eggs
Buserelin	57982-77-1	Use as a treatment of fertility disorders of ovarian origin, anoestrus, to induce ovulation, increase conception rate
Chlorhexidine and its digluconate salt	55-56-1	All food producing species except fish; for topical use only
Cloprostenol and R-Cloprostenol	40665-92-7	Used for luteolysis of functional corpora lutea in farmed mammals, manipulation of oestrus cycles in farmed mammals, treatment of retained foetal membranes, pyometra or chronic endometriosis, induction of abortion and parturition in farmed animals
Copper and its salts	7440-50-8	Used as a treatment for and prevention of copper deficiency in animals or as a topical treatment of hoof and skin infections
Dembrexine	83200-09-3	Used in horse species
Dinoprost and its salts	551-11-1	For luteolysis of functional corpora lutea in cattle, pigs and horses
Doxapram hydrochloride	113-07-5	Used as a respiratory stimulant in any mammalian food producing species
Etamiphylline camsylate	19326-29-5	No condition of use applies
Eugenol and its isomers	97-53-0	Used as a fish anaesthetic
Hydrocortisone	50-23-7	Use as a topical anti-inflammatory
Iodine (organic and inorganic)	7553-56-2	Used for topical treatment of wounds, for footrot, ringworm or as a topical bactericide in food producing animal species
Isoxsuprine and its esters	395-28-8	Used for relaxation of uterine muscles in food producing animal species
Ketamine	6740-88-1	For use in all species for sedative and anaesthetic purposes, other than in deer for de velvetting
Lecirelin	61012-19-9	When used as a treatment of fertility disorders of ovarian origin and/or anoestrus, for the purpose of inducing ovulation and increasing conception rates in cattle, horses, and rabbits.
Medroxyprogesterone acetate	71-58-9	For intravaginal use in sheep
Pentosan polysulphate	37300-21-3	Used as a treatment aid for non-infectious inflammatory joint disease, traumatic arthritis, degenerative cartilaginous joint disease, osteoarthritis
2-Propenoic acid, polymer with 2-propenal	28349-72-6	When used for the management of intestinal health in broiler chickens and swine

Salicylic acid and its salts and esters	69-72-7	All food of animal origin except fish For topical use only
Thiopental sodium	71-73-8	No condition of use applies
Zinc and its salts	7440-66-6	Use in all food producing animals

Issued under section 11C of the Food Act 1981.

Date of notification in Gazette:

This notice is administered by the Ministry for Primary Industries.

Explanatory Note

This note is not part of the standards and has been included to explain their general effect.

These standards set the maximum permissible limits at which residues of an agricultural compound may be present in specified types of foods. For the purposes of these standards, food commodities have generally been described and grouped as set out in the *Guide to Codex Recommendations Concerning Pesticide Residues, Part 4 Codex Classification of Foods and Animal Feeds* (CAC/PR4-1989), and its subsequent revisions.

For the purposes of these standards, the unique identifier for each compound has been included in Column 2 of Schedule 1. The unique identifier is referred to as a CAS # (Chemical Abstracts Service number).

For the purposes of these standards, the limit of analytical quantification is the smallest concentration of the analyte in the test sample that can be determined with acceptable precision (repeatability) and accuracy under the stated conditions of the test.

Other requirements

In addition to the provisions contained within these standards, there may be additional requirements for animal materials or animal products contained within the Animal Products (Contaminant Specifications) Notice 2008 and subsequent amendments, issued under section 167 of the Animal Products Act 1999.

Australia New Zealand Joint Food Standards System

In July 1996 New Zealand and Australia signed an agreement entitled *The Agreement between the Government of New Zealand and the Government of Australia Concerning a Joint Food Standards System* ("the Treaty"). However, maximum residue limits of agricultural compounds are excluded under Article 3(3) of the Treaty due to the different pests and growing conditions between the two countries. Therefore, these standards apply only to food produced for sale in New Zealand, including imported food. Conversely, maximum residue limits contained within standard 1.4.2 of the Australian New Zealand Food Standards Code apply only in Australia. The Trans-Tasman Mutual Recognition Agreement 1996 (TTMRA) allows for food produced in New Zealand for export to Australia, to be sold as long as the legislative requirements in New Zealand are met.

Food standards subject to Regulations (Disallowance) Act 1989

Food standards are subject to the Regulations (Disallowance) Act 1989. Any person has the right to make a complaint about a food standard to the Regulations Review Committee.

Availability of food law

An outline of New Zealand food law, and further advisory information on this amendment, can be viewed on the Ministry for Primary Industries' (MPI) Food Safety Website www.foodsafety.govt.nz or can be obtained from MPI, Policy Branch, PO Box 2526, Wellington. *Copies of all New Zealand food law, including food standards, can be viewed free of charge at MPI, 25 The Terrace, Wellington, or purchased from:*

Bennetts, Massey University Albany Campus, New Teaching Block, Gate 1, Albany, Auckland, Ph: (09) 443 9707, Fax: (09) 443 9708, Email: aku@bennetts.co.nz

Bennetts, Auckland University of Technology Akoranga Campus, Gate 1 Akoranga Drive, Northcote, Ph: (09) 9845432, Fax: (09) 985 7522, Email: aau@bennetts.co.nz

Bennetts, Auckland University of Technology, Student Plaza Gate 2, Wellesley Street, Auckland City, Ph: (09) 921 9801, Fax: (09) 921 9986, Email: wau@bennetts.co.nz

Bennetts, Manukau Institute of Technology, Gate 11, NP Block, Otara Road, Manukau, Ph: (09) 274 8627, Fax: (09) 274 8830, Email: mkp@bennetts.co.nz

Bennetts, The University of Waikato, Gate 5, Hillcrest Road, Hamilton, Ph: (07) 856 6813, Fax: (07) 856 2255, Email: wku@bennetts.co.nz

Bennetts, Waikato Institute of Technology, Gate 5, Tristram Street, Hamilton, Ph: (07) 839 0003, Fax: (07) 834 1291, Email: wkp@bennetts.co.nz

Bennetts, Massey University - Turitea Campus, Student Centre, Palmerston North, Ph: (06) 354 6020, Fax: (06) 354 6716, Email: massey@bennetts.co.nz

Bennetts, Massey University Wellington, Gate E Tasman Street, Wellington, Ph: (04) 384 1407, Fax: (04) 384 5827, Email: wgp@bennetts.co.nz

Bennetts, Corner Lambton Quay & Bowen Street, Wellington, Ph: (04) 499 3433, Fax: (04) 499 3375, Email: gbs@bennetts.co.nz

Bennetts, Whitcoulls, Bush Inn Shopping Centre, Riccarton Road, Christchurch, Ph: (03) 343 0304, Fax: (03) 343 0316, Email: bun@whitcoulls.co.nz

Bennetts, Christchurch Polytechnic Institute of Technology, Madras Street, Christchurch, Ph: (03) 365 1394, Fax: (03) 365 7314, Email: chp@bennetts.co.nz

The Food Standards Code can be viewed on the Food Standards Australia New Zealand website: <http://www.foodstandards.govt.nz> or can be viewed free of charge at MPI, 25 The Terrace, Wellington. Copies of the Code, or Amendments to the Code, can be purchased by subscription from: ANSTAT, PO Box 447, South Melbourne, VIC 3205, Australia, <http://www.anstat.com.au/>, Email foodcode@anstat.com.au, or Phone +61 3 9278 1144.