

New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards 2007

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

The Minister for Food Safety, pursuant to section 11L of the Food Act 1981, revokes existing food standards relating to the maximum permissible limits at which residues of an agricultural compound may be present in specified types of food.

Issued at Wellington this [27<sup>th</sup>] day of January 2007

Signed

[Signed]

Hon Annette King Minister of Food Safety

Certified in order for signature [Signed]

Assistant Manager of Legal Services Legal Services

[15] / [1] / 2007

Published by the New Zealand Food Safety Authority, PO Box 2835, Wellington

### Contents

### Notice

- 1 Title
- 2 Commencement

# **Part 1 Preliminary Provisions**

- 3 Interpretation
- 4 Method of calculating residue levels or limits
- 5 Prohibition on sale
- 6 Maximum residue limits of agricultural compounds
- 7 Exemptions

# Part 2 Revocations

8 Revocations

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 2007.

#### 2 Commencement

These standards come into force 28 days after notification in the New Zealand Gazette.

### Part 1 Preliminary Provisions

### 3 Interpretation

- (1) In these standards, unless the context otherwise requires, the terms "agricultural compound" and "pest" have the meanings given to those terms by section 2 of the Agricultural Compounds and Veterinary Medicines Act 1997.
- (2) Despite clause 3(1), for the purposes of these standards the term "agricultural compound" includes any substance or mixture of substances used for pest control, or disinfection, of food.
- (3) "Maximum residue limit" for the purposes of these standards means the maximum permissible level of residue.

### 4 Method of calculating residue levels or limits

- (1) The residue level of any agricultural compound specified in Schedule 1 in relation to bananas, citrus fruits, and kiwifruit must be determined on the whole fruit.
- (2) With the exception of bananas, citrus fruits, and kiwifruit, residue levels must be determined on the edible content of the food that is ordinarily consumed, and, in the case of food in a dried, dehydrated, or concentrated form, residue levels must be calculated with respect to the mass of the food after dilution or reconstitution, where appropriate.
- (3) The maximum residue limit 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 maximum residue limit specified in 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 an agricultural compound is authorised by clause 6 or 7 of these standards.

#### 6 Maximum residue limits of agricultural compounds

- (1) A person may sell a food containing residues of an agricultural compound only if that food—
  - (a) is listed or is of a type, kind or class listed in Column 4 of Schedule 1; and
  - (b) does not contain residues of an agricultural compound exceeding the maximum residue limit 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) Schedule 1 does not specify a maximum residue limit for that agricultural compound in relation to the food type, kind or class being sold.
- (3) A person may sell an imported food containing residues of an agricultural compound if the food complies with clause 6(1), 6(2), or contains residues of agricultural compounds no greater than the maximum residue limits 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 to these standards is exempt from the requirements of clauses 4, 5 and 6 of these standards when the substance was used, for the management of plants or parts of plants from which food was derived, as an agricultural compound in accordance with the corresponding condition specified in Column 3 of that Schedule.
- (2) Food containing residues of a substance specified in the Column 1 of Schedule 3 to these standards is exempt from the requirements of clauses 4, 5 and 6 of these standards when the substance was used, for the management of animals intended for food or from which food is derived, as an agricultural compound in accordance with the corresponding condition specified in Column 3 of that Schedule.
- (3) Bee products containing residues of the substance Thymol are exempt from the requirements of clauses 4, 5 and 6 of these standards when the Thymol was used as an agricultural compound for the control of varroa mite (*Varroa destructor*) in beehives.

## Part 2 Revocations

# 8 Revocations

Under section 11L of the Food Act 1981, the following standards are revoked-

(a) The New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards 2006 issued by the Minster for Food Safety on 15 August 2006.

\_\_\_\_\_

# Schedule 1

### Maximum Residue Limits of Agricultural Compounds

Column 5 specifies the maximum residue limit for which a residue, listed in Column 3, of a substance listed in Column 1, may be present in a food type, kind or class listed in Column 4. Column 2 gives the Chemical Abstracts Service number (CAS#), a unique identifier of the compound in Column 1.

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 Kiwifruit Liver Mammalian fats Meat Pome fruits Strawberries Tomatoes	0.02(*) 0.02(*) 0.015 0.02 0.01 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Acephate	30560-19-1	Acephate	Brassica vegetables Citrus fruits Fruiting vegetables Leafy vegetables Potatoes Tamarillos	2 5 1 6 0.5 0.5

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)
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
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
Azaconazole	60207-31-0	Azaconazole	Citrus fruits Pome fruits Tomatoes	0.02(*) 0.02(*) 0.05
Azinphos-methyl	85-50-0	Azinphos-methyl	Fruits (except kiwifruit) Kiwifruit Vegetables	2 4 2
Azocyclotin	41083-11-8	Sum of: Azocyclotin Cyhexatin <i>Expressed as:</i> Cyhexatin	Fruits	2

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)
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(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.01(*) 0.01(*)
Baquiloprim	102280-35-3	Baquiloprim	Cattle fat Cattle kidney Cattle liver Cattle milk	0.15 0.01 0.3 0.03
Benalaxyl	71626-11-4	Benalaxyl	Grapes Potatoes Tomatoes	0.5 0.02(*) 0.5
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
Bioallethrin	584-79-2	Bioallethrin, sum of isomers	Vegetables	2
Bioresmethrin	28434-01-7	Bioresmethrin	Vegetables	3
Bitertanol	55179-31-2	Bitertanol	Pome fruits	1
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) Citrus fruits Pome fruits Stone fruits	3 3 3 3
Bromoxynil	1689-84-5	Bromoxynil	Cereal grains	0.01(*)

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)
Bupirimate	41483-43-6	Bupirimate	Cucurbits Pome fruits	0.01(*) 0.5
Buprofezin	69327-76-0	Buprofezin	Citrus fruits Grapes Fruiting vegetables Peaches Pome fruits	0.5 0.01(*) 0.5 0.01(*) 0.1
Sec-Butylamine	13952-84-6	Sum of : Butylamine salts and base Expressed as: Butylamine	Citrus fruits	30
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	Fruits Potatoes Vegetables (except potatoes)	3 10 3
Carbendazim	10605-21-7	Sum of: Benomyl, Carbendazim, and Thiophanate methyl Expressed as: Carbendazim	Avocados   Beans   Berries and other small fruits   Cereal grains   Citrus fruits   Fruiting vegetables (except tomatoes)   Lettuce   Pome fruits   Tomatoes	0.5 2 5 0.2 5 0.5 2 2 2

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	Sum of: 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
Chlorethephon	16672-87-0	2-chloroethylphosphonic acid	Pome fruits Tomatoes	2 1
Chlormequat	7003-89-6	Chlormequat cation	Oats Wheat	5 1

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)
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 5 10 5 30 10
Chlorpropham	101-21-3	Chlopropham	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
Clethodim	99129-21-2	Sum of: Clethodim and its metabolites containing 5-(2-ethylthiopropyl)cyclohexene-3- one and 5-(2-ethylthiopropyl)-5- hydroxycyclohexene-3-one moieties and their sulphoxides and sulphones Expressed as: 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

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)
Clomazone	81777-89-1	Clomazone	Beans Squash Potatoes Pumpkin	0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*)
Clopidol	2971-90-6	Clopidol	Edible offal of poultry Poultry meat	5 2
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
Coumaphos	56-72-4	Sum of: coumaphos and its oxygen analogue Expressed as: coumaphos	Cattle fat Horse fat Milk fats Pig fat Sheep fat	0.5 0.5 0.1 0.5 0.5
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	Peas	0.05(*)
Cypermethrin	52315-07-8	Cypermethrin, sum of isomers	Brassica vegetables Kiwifruit Pome fruits	1 2 1
Cyprodinil	121552-61-2	Cyprodinil	Grapes Nectarines Peaches Pome fruits	0.2 0.02 0.02 0.02 0.01
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

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
DDT	50-29-3	Sum of: p,p'-DDT o,p'-DDT p,p'-DDE p,p'-TDE(DDD)	Eggs Fats (except milk fats) Milk fats	0.5 5 1.25
Deltamethrin	52918-63-5	Sum of: deltamethrin $\alpha$ -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(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.01(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.05(*)
Dexamethasone	50-02-2	Sum of: 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
Dichlofluanid	1085-98-9	Dichlofluanid	Berries and other small fruits Vegetables	10 5
1,3-Dichloropropene	542-75-6	1,3-Dichloropropene, sum of isomers	Fruits Vegetables	0.01(*) 0.01(*)

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)
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	Sum of: o,p'-Dicofol isomer p,p'-Dicofol isomer	Fruits Vegetables	3 3
Dicyclanil	112636-83-6	Sum of: 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	Sum of: 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 Diflubenzuron	119446-68-3 385-00-2	Difenoconazole 2,6-diflurobenzoic acid	Brassica vegetables Mushrooms	0.2

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 meat Cattle milk Pig fat Pig kidney Pig liver Pig meat Poultry fat Poultry kidney Poultry liver Poultry liver Poultry meat Sheep fat Sheep fat Sheep liver Sheep meat	0.5 1 0.5 0.5 0.5 0.2 0.5 1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
Dimethoate and omethoate Dimethomorph	60-51-5 and 1113-02-6 (110488-70-5)	Sum of: Dimethoate Omethoate Expressed as: Dimethoate (MRLs cover dimethoate and omethoate singly or in combination) Dimethomorph, sum of isomers Sum of:	Fruits Tomatoes Vegetables (except tomatoes) Grapes	2 1 2 0.5
Dimetridazole	551-92-8	dimetridazole 1-methyl 2-hydroxymethyl 5- nitroimidazole	Pig meat	0.1
3, 5-Dinitro-o- toluamide	148-01-6	3,5-dinitro benzoic acid	Poultry meat	3
Diphenylamine	122-39-4	Diphenylamine	Apples	10

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 <sub>2</sub> , evolved during acid digestion and expressed as mg CS <sub>2</sub> /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 0.015 0.15 0.03 0.1 0.01 0.15 0.03 0.1 0.03 0.1 0.03 0.1 0.01

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	Sum of: emamectin B1a emamectin B1b (Z)-8,9 emamectin B1a (Z)-8,9 emamectin B1b <i>Expressed as:</i> emamectin	Grapes Kiwifruit Pome fruits	0.002(*) 0.002(*) 0.001(*)
Endosulfan	115-29-7	Sum of: alpha-endosulfan beta-endosulfan endosulfan sulphate	Berries and other small fruits (except grapes) Vegetables	2 2
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
Famphur	52-85-7	Famphur	Meat	0.1
Febantel	58306-30-2	Sum of: Fenbenzole Oxfendazole Fenbendazole sulphone Expressed as: Fenbendazole sulphone	Eggs Liver Meat	0.5 0.5 0.01
Fenamidone	161326-34-7	Sum of: Fenamidone and its desmethylthio metabolites	Onions Potatoes	0.05(*) 0.05(*)

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)
Fenamiphos	22224-92-6	Sum of: fenamiphos and its sulphoxide and sulphone <i>Expressed as:</i> fenamiphos	Kiwifruit Root vegetables Tuber vegetables	0.05(*) 0.2 0.2
Fenarimol	60168-88-9	Fenarimol	Grapes Pome fruits	0.1 0.1
Fenbendazole	43210-67-9	Sum of: Fenbenzole Oxfendazole Fenbendazole sulphone <i>Expressed as:</i> Fenbendazole sulphone	Liver Meat	0.5 0.01
Fenbutatin oxide	13356-08-6	Fenbutatin oxide	Pome fruits Stone fruits	1 1
Fenhexamid	126833-17-8	Fenhexamid	Grapes Strawberries	1 3
Fenitrothion	122-14-5	Fenitrothion	Cereal grains	10
Fenoxaprop-P-ethyl	71283-80-2	Sum of: Fenoxaprop-P-ethyl (all isomers), 2- (4-(6-chloro-2-benzoxazolyloxy)- phenoxy)-propionic acid and 6- chloro-2,3-dihydro-benzoxazol-2- one <i>Expressed as:</i> Fenoxaprop-P-ethyl	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	0.02(*) 0.02(*) 0.05 0.05 0.05 0.02(*) 0.02(*) 0.02(*) 0.02(*) 0.02(*)
Fenpropidin	67306-00-7	Fenpropidin	Barley Wheat	0.02(*) 0.02(*)
Fenpropimorph	67564-91-4	Fenpropimorph	Cereal grains	0.5

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 (ma/ka)
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	Sum of: Fipronil fipronil-desulfinyl fipronil sulfone fipronil thioether. Expressed as: 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	Sum of the free and tissue bound forms of: 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 0.3 0.3 3 0.1 0.3 0.3 3 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3
Fluazinam	79622-59-6	Fluazinam	Brassica vegetables Grapes Potatoes Tomatoes	0.02(*) 1 0.02(*) 0.02(*)

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)
Flubendazole	31430-15-6	Sum of: Flubendazole (2-amino-1 H-benzimidazole-5-yl)- (4-fluorophenyl methanone)	Edible offal of poultry Eggs	0.5 0.4
Fludioxonil	131341-86-1	Fludioxonil	Grapes	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
Fluoxastrobin	361377-29-9	Sum of: Fluoxastrobin Fluoxastrobin isomers <i>Expressed as:</i> Fluoxastrobin	Cereal grains	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

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)
Fuberidazole	3878-19-1	Fubaridazole	Barley Oats Wheat	0.05(*) 0.05(*) 0.05(*)
Glufosinate- ammonium	51276-47-2	Sum of: glufosinate-ammonium 3- [hydroxy(methyl)phosphinoyl]propio nic acid Expressed as: 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(*)
Halosulfuron-methyl	100784-20-1	Halosulfuron-methyl	Maize	0.01(*)
Haloxyfop	72619-32-0	Sum of: Haloxyfop esters Haloxyfop and its conjugates Expressed as: Haloxyfop	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	Sum of: Imidacloprid and its metabolites containing the 6-chloropyridinyl moiety Expressed as: Imidacloprid	Brassica vegetables Citrus fruits Lettuce Onions Potatoes Sweetcorn	0.02(*) 0.02(*) 1 0.02(*) 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

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)
Iprodione	36734-19-7	Iprodione	Berries and other small fruits Kiwifruit Leafy vegetables Stone fruits Tangelos Tomatoes	10 5 5 10 2 5
Iprovalicarb	140923-17-7	Iprovalicarb	Onions Potatoes	0.05(*) 0.05(*)
Isoproturon	34123-59-6	Isoproturon	Cereal grains	0.01(*)
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 it 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

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)
Lignocaine (lidocaine)	137-58-6	Sum of: Lignocaine 2,6-dimethylaniline Expressed as: 2,6-dimethylaniline	Deer velvet	0.1
Lindane	58-89-9	Lindane	Fats (except milk fats)	2
Lufenuron	103055-07-8	Lufenuron	Apples Pears	0.02(*) 0.05
Maduramycin	61991-54-6	Maduramycin	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	Sum of: Free maleic hydrazide Conjugated maleic hydrazide Expressed as: maleic hydrazide	Onions Potatoes	15 50
Marbofloxacin	115550-35-1	Marbofloxacin	Cattle fat Cattle kidney Cattle liver Cattle meat Cattle milk	0.05 0.15 0.15 0.15 0.075
MCPA	94-74-6	МСРА	Cereal grains	0.02(*)
MCPB	94-81-5	МСРВ	Cereal grains	0.02(*)
Месоргор	7085-19-0	Mecoprop (sum of isomers). <i>Expressed as :</i> Mecoprop-P	Cereal grains	0.05(*)

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)
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
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(*)
Methidathion	950-37-8	Methidathion	Citrus fruits	2
Methiocarb	2032-65-7	Methiocarb	Cereal grains	0.05(*)

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	Sum of: 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 0.3 0.2 0.2 0.2 0.3 0.2 1
Methoxyfenozide	161050-58-4	Methoxyfenozide	Kiwifruit Pome fruit	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
Methylene chloride	75-09-2	Methylene chloride	Spices	30
Metolachlor	51218-45-2	Metolachlor	Asparagus Pumpkins Sweetcorn Summer Squash Winter Squash	0.05(*) 0.05(*) 0.05(*) 0.05(*) 0.05(*)
Milbemectin	51596-10-2 and 51596-11-3	Sum of: milbemycin A3 milbemycin A4 (Z)-8,9 milbemycin A3 (Z)-8,9 milbemycin A4 Expressed as: Milbemectin	Apples Avocados	0.005 0.005
wonensin	17090-79-8	ivionensin free acid	iviammalian fats	0.05

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)
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 meat	0.5 0.05 0.1 0.02 0.5 0.05 0.1 0.02 1 0.5 0.05 0.05 0.1 0.05
Myclobutanil	88671-89-0	Myclobutanil	Grapes	0.2
Naled	300-76-5	Naled, expressed as dichlorvos	Berries and other small fruits Vegetables	2 2
Narasin	55134-13-9	Narasin	Edible offal of poultry	0.5
N6-Benzyladenine	1214-39-7	N6-Benzyladenine	Apples Cherries	0.01(*) 0.01(*)
Neomycin	1404-04-2	Neomycin	Cattle milk Mammalian fat Mammalian kidney Mammalian liver Mammalian meat Poultry eggs Poultry fat Poultry liver Poultry meat	0.5 0.5 5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.
Nicarbazim	330-95-0	1,3-N,N'-bis (4 nitrophenyl) urea as nicarbazin	Edible offal of poultry Poultry fat Poultry meat	0.5 0.5 0.5
Nicosulfuron	111991-09-4	Nicosulfuron	Maize	0.01(*)
Nitrothal-isopropyl	10552-74-6	Nitrothal-isopropyl	Pome fruits	0.2

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)
Nitroxynil	1689-89-0	Nitroxynil	Fats (except milk fats)	1
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	Sum of: Fenbenzole Oxfendazole Fenbendazole sulphone <i>Expressed as:</i> Fenbendazole sulphone	Edible offal (except liver) Liver Meat	0.01 0.5 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(*)
Parathion-methyl	298-00-0	Parathion-methyl	Fruits Vegetables	0.5 0.5
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

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)
Phosmet	732-11-6	Phosmet	Kiwifruit Other fruit	15 10
Phosphine	7803-51-2	Hydrogen phosphide (phosphine)	Any food (except cereal grains) Cereal grains	0.01 0.1(*)
Picoxystrobin	117428-22-5	Picoxystrobin	Barley Wheat	0.01(*) 0.01(*)
Pindone	83-26-1	Pindone	Any food	0.001(*)
Pinoxaden	243973-20-8	Sum of: 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 Expressed as: Pinoxaden	Cereal grains	0.01(*)
Piperonyl butoxide	51-03-6	Piperonyl butoxide	Fruits Vegetables	8 8
Pirimicarb	23103-98-2	Sum of: 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 1 0.5 0.5 1

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)
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
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	Sum of : Prochloraz Any metabolites containing the 2,4,6-trichlorophenol moiety Expressed as: Prochloraz	Avocados Bananas Cereal grains Mushrooms Papaya	5 5 0.3 0.5 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(*)

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)
Propargite	2312-35-8	Propargite	Berries and other small fruits Citrus fruits Pome fruits Stone fruits	3 3 3 3 3
Propazine	139-40-2	Propazine	Carrots Parsnips	0.05(*) 0.05(*)
Propham	122-42-9	Propham	Potatoes	50
Propiconazole	60207-90-1	Propiconazole	Barley Mushrooms Oats Wheat	0.02(*) 0.05(*) 0.02(*) 0.02(*)
Propineb	12071-83-9	Total dithiocarbamates, determined as CS <sub>2</sub> , evolved during acid digestion and expressed as mg CS <sub>2</sub> /kg	Onions	0.5
Propyzamide	23950-58-5	Propyzamide	Leafy vegetables	1
Prothioconazole	178928-70-6	Sum of: Prothioconazole Prothioconazole-desthio Expressed as: 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
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

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)
Pyrimethanil	53112-28-0	Pyrimethanil	Grapes	5
Quinoxifen	124495-18-7	Quinoxyfen	Grapes	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
Semduramicin	113378-31-7	Semduramicin	Poultry liver	0.5
Sodium mono- fluroacetate	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
Spinosad	168316-95-8 (131929-60-7 + 131929-63- 0)	<i>Sum of:</i> spinosyn A spinosyn D <i>Expressed</i> as: Spinosad	Citrus fruits Kiwifruit Potatoes Sheep fat Sheep kidney Sheep liver Sheep meat Stone fruits Tomatoes	0.05 0.2 0.01(*) 0.2 0.05 0.05 0.05 0.2 0.01(*)
Streptomycin	57-92-1	Streptomycin	Pome fruits Stone fruits	0.1( <sup>*</sup> ) 0.1( <sup>*</sup> )

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)	
Tebuconazole	107534-96-3	Tebuconazole	Bulb vegetables Cereal grains Peas Stone fruits	0.2 0.05(*) 0.2 1	
Tebufenozide	<mark>112410-23-8</mark>	Tebufenozide	Avocados Grapes Kiwifruit Pome fruits Stone fruits (except cherries)	0.2 0.5 0.5 0.5 0.5	
Temephos	3383-96-8	Sum of: Temephos Temephos sulphoxide <i>Expressed as:</i> Temephos	Cattle fat	2	
Terbufos	13071-79-9	Sum of: 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 0.6 0.3 0.1 0.6 0.3 0.1 0.1 0.2 0.6 0.3 0.1 0.1 0.1 0.2 0.6 0.3 0.1 0.1 0.2 0.1 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	

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)
Thiabendazole	148-79-8	Thiabendazole	Bananas Citrus fruits Meat Potatoes	3 3 0.1 10
Thiacloprid	111988-49-9	Thiacloprid	Avocados Kiwifruit Pome fruits Stone fruits (except cherries)	0.05 0.02(*) 0.02(*) 0.02(*)
Thiamethoxam	153719-23-4	Thiamethoxam	Kiwifruit Maize Pome fruits Sweetcorn	1 0.02(*) 0.1 0.02(*)
Thiodicarb	59669-26-0	Sum of: Thiodicarb Methomyl Methomyl oxime Expressed as: 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
Tolylfluanid	731-27-1	Tolylfluanid	Grapes Pome fruits	0.02(*)

Column 1	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)
Tralkoxydim	87820-88-0	Tralkoxydim	Barley Wheat	0.02(*) 0.02(*)
Triadimefon	43121-43-3	Sum of: triadimefon triadimenol <i>Expressed as:</i> triadimefon	Garden peas (shelled succulent seeds) Garden peas (young pods succulent seeds)	0.2 0.2
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	Sum of: Trichlorfon Dichlorvos <i>Expressed as:</i> Dichlorvos	Milk Sugarbeet	0.05 0.05
Triclabendazole	68786-66-3	Sum of: Triclabendazole Triclabendazole sulphoxide Triclabendazole sulphone Expressed as: 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

Column 1	n 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)
Trifloxystrobin	141517-21-7	Sum of: 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
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 0.5 3 2
Trinexpac-ethyl	104273-73-6	4-(cyclopropyl-α-hydroxy- methylene)-3,5-dioxo- cyclohexanecarboxylic acid	Cereal grains	0.05(*)
Warfarin	81-81-2	Warfarin	Any food	0.001(*)
Xylazine	7361-61-7	Sum of: Xylazine 2,6-dimethylaniline <i>Expressed as:</i> 2,6-dimethylaniline	Deer velvet	0.5

# 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
Agrobacterium radiobacter strains: K84 K1026	n/a	Used as a beneficial bacterium in the treatment and prevention of crown gall infections on food producing plant species
Bacillus subtilis strain: QST713	n/a	Used as a fungicide or bactericide on food producing plant species
Bacillus thuringiensis	68038-71-1	Used as an insecticide
Beauveria bassiana strains: Those that are indigenous to New Zealand	63428-82-0	Used as a biological insecticide for the control of aphids, thrips and whitefly on food producing plant species
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
Copper and its salts	7440-50-8	Used in plant compounds
<i>Cydia pomonella granulosis virus</i> strain: Mexican	n/a	Used to control codling moth larvae on food producing plant species
Ethyl formate	109-94-4	Used as a post-harvest fumigant on cereal grains, oilseeds and bananas
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 (gibberillins GA3, GA4 and GA7 and potassium gibberellate)	77-06-5	Used as a plant regulator applied at <200gai/ha/year
Phosphorus acid (Phosphonic acid)	10294-56-1 or 13598-36-2	Used as a fungicide on food producing plant species
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
Rusorolin	57092 77 1	Use as a treatment of fertility disorders of ovarian origin, anoestrus, to induce ovulation,
Buselellin	57962-77-1	increase conception rate
Cloprostenol and R-		Used for luteolysis of functional corpora lutea in farmed mammals, manipulation of oestrus
	40665-92-7	cycles in farmed mammals, treatment of retained foetal membranes, pyometra or chronic
		endometriosis, induction of abortion and parturition in farmed animals
Conner and its salts	7440-50-8	Used as a treatment for and prevention of copper deficiency in animals or as a topical
	7440-30-0	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
Ketamine	6740-88-1	For use in all species for sedative and anaesthetic purposes, other than in deer for develvetting
Hydrocortisone	50-23-7	Use as a topical anti-inflammatory
Inding (organic and ingraphic)	7553-56-2	Used for topical treatment of wounds, for footrot, ringworm or as a topical bacteriocide in food
Ioune (organic and morganic)		producing animal species
Isoxsuprine and its esters	395-28-8	Used for relaxation of uterine muscles in food producing animal species
Medroxyprogesterone acetate	71-58-9	For intravaginal use in sheep
Oestradiol-17 beta and its	50.28.2	Used for treatment of suboestrus, dystocia, metritis, pyometra, retained placenta, anoestrus in
esters or conjugates	50-20-2	mares or growth promotion in cattle
Bontoson polygylphoto	27200 21 2	Used as a treatment aid for non-infectious inflammatory joint disease, traumatic arthritis,
Fentosan polysulphate	37300-21-3	degenerative cartilaginous joint disease, osteoarthritis
Salicylic acid and its salts and	60 72 7	All food of animal origin except fish
esters	09-12-1	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	ssued under section 11C of the Food Act 1981.									
Date o	of notifica	tion	in Gazette: 8 Fe	brua	ry 200	7				
This	notice	is	administered	by	the	New	Zealand	Food	Safety	Authority.

#### **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 (Residue Specifications) Notice 2004 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 New Zealand Food Safety Authority (NZFSA) web site: <u>http://www.nzfsa.govt.nz</u> or can be obtained from the NZFSA, Policy Group, PO Box 2835, Wellington. *Copies of all New Zealand food law, including food standards, can be viewed free of charge at NZFSA, 86 Jervois Quay, 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: <u>aku@bennetts.co.nz</u>
- Bennetts, Auckland University of Technology Akoranga Campus, Gate 1 Akoranga Drive, Northcote, Ph: (09) 9845432, Fax: (09) 985 7522, Email: <u>aau@bennetts.co.nz</u>
- Bennetts, Auckland University of Technology, Student Plaza Gate 2, Wellesley Street, Auckland City, Ph: (09) 921 9801, Fax: (09) 921 9986, Email: <u>wau@bennetts.co.nz</u>
- Bennetts, Manukau Institute of Technology, Gate 11, NP Block, Otara Road, Manukau, Ph: (09) 274 8627, Fax: (09) 274 8830, Email: <u>mkp@bennetts.co.nz</u>
- Bennetts, The University of Waikato, Gate 5, Hillcrest Road, Hamilton, Ph: (07) 856 6813, Fax: (07) 856 2255, Email: <u>wku@bennetts.co.nz</u>
- Bennetts, Waikato Institute of Technology, Gate 5, Tristram Street, Hamilton, Ph: (07) 839 0003, Fax: (07) 834 1291, Email: <u>wkp@bennetts.co.nz</u>
- Bennetts, Massey University Turitea Campus, Student Centre, Palmerston North, Ph: (06) 354 6020, Fax: (06) 354 6716, Email: <u>massey@bennetts.co.nz</u>
- Bennetts, Massey University Wellington, Gate E Tasman Street, Wellington, Ph: (04) 384 1407, Fax: (04) 384 5827, Email: <u>wgp@bennetts.co.nz</u>
- Bennetts, Corner Lambton Quay & Bowen Street, Wellington, Ph: (04) 499 3433, Fax: (04) 499 3375, Email: <u>gbs@bennetts.co.nz</u>
- Bennetts, Whitcoulls, Bush Inn Shopping Centre, Riccarton Road, Christchurch, Ph: (03) 343 0304, Fax: (03) 343 0316, Email: <u>bun@whitcoulls.co.nz</u>
- Bennetts, Christchurch Polytechnic Institute of Technology, Madras Street, Christchurch, Ph: (03) 365 1394, Fax: (03) 365 7314, Email: <u>chp@bennetts.co.nz</u>

The Food Standards Code can be viewed on the Food Standards Australia New Zealand website: <u>http://www.foodstandards.govt.nz</u> or can be viewed free of charge at NZFSA, 86 Jervois Quay, 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, <u>http://www.anstat.com.au</u>, Email <u>foodcode@anstat.com.au</u>, or Phone +61 3 9278 1144.