

**Supporting document 1**

Proposed MRL changes and dietary exposure estimates for the Australian population – Proposal M1010

Maximum Residue Limits

| **Chemical**  **Commodity descriptor** | | **Proposed MRL change mg/kg** | **Codex MRL[[1]](#footnote-1)** | **Source of MRL[[2]](#footnote-2)** | **Dietary Exposure Estimates[[3]](#footnote-3)** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NEDI**  **(% ADI)** | **NESTI (%ARfD)  2-6 years** | **NESTI (%ARfD) 2+ years** |
| **Abamectin** | |  |  |  | 76 |  |  |
|  | Hops, dry | 0.2 | 0.1 | United States[[4]](#footnote-4) |  | 2 | 1 |
|  | Stone fruits | 0.09 | Commodity not listed | United States |  | Worst case[[5]](#footnote-5):  57 - Peach | Worst case:  23 - Nectarine |
| **Acequinocyl** | |  | Chemical not listed |  | 6.5 | Not required | Not required |
|  | Hops, dry | 4 |  | United States |  |  |  |
| **Acetamiprid** | |  |  |  | 3 |  |  |
|  | Citrus fruits | 1 | 1 | United States |  | Worst case:  77 - Grapefruit | Worst case:  24 - Grapefruit |
|  | Herbs | 3 | Commodity not listed | European Union |  | 2 | <1 |
|  | Spices | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
| **Ametoctradin** | |  |  |  | <1 | Not required | Not required |
|  | Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas | 9 | 9 | Codex |  |  |  |
|  | Celery | 20 | 20 | Codex |  |  |  |
|  | Cucumber | 0.4 | 0.4 | Codex |  |  |  |
|  | Dried grapes (currants, raisins and sultanas) | 20 | 20 | Codex |  |  |  |
|  | Fruiting vegetables cucurbits [except cucumber] | 3 | 3 | Codex |  |  |  |
|  | Fruiting vegetables, other than cucurbits [except sweet corn and mushroom] | 1.5 | 1.5 | Codex |  |  |  |
|  | Garlic | 1.5 | 1.5 | Codex |  |  |  |
|  | Grapes | Delete 3 | Not required | Consequential amendment |  |  |  |
|  | Grapes [except dried grapes][[6]](#footnote-6) | 6 | 6 | Codex |  |  |  |
|  | Hops, dry | 30 | 30 | Codex |  |  |  |
|  | Leafy vegetables | 50 | 50 | Codex |  |  |  |
|  | Onion, bulb | 1.5 | 1.5 | Codex |  |  |  |
|  | Peppers, Chili (dry) | 15 | 15 | Codex |  |  |  |
|  | Potato | 0.05 | 0.05 | Codex |  |  |  |
|  | Shallot | 1.5 | 1.5 | Codex |  |  |  |
|  | Spring onion | 20 | 20 | Codex |  |  |  |
| **Azinphos-methyl** | |  | Not required |  | Not required | | |
|  | Blueberries | Delete 1  Add 5 |  | APVMA |  |  |  |
|  | Citrus fruits | Delete 2 |  | APVMA |  |  |  |
|  | Kiwifruit | Delete 2 |  | APVMA |  |  |  |
|  | Oilseed | Delete 0.05\* |  | APVMA |  |  |  |
|  | Pome fruits | Delete 2  Add 1 |  | APVMA |  |  |  |
|  | Raspberries, red, black | Delete 1 |  | APVMA |  |  |  |
| **Bentazone** | |  |  |  | 1 | Not required | Not required |
|  | Beans [except broad bean and soya bean | Delete \*0.1 | Not required | Consequential amendment |  |  |  |
|  | Beans [except soy bean] | 0.5 | Beans (dry) 0.05\*  Broad bean (dry) 0.05\*  Common bean (pods and/or immature seeds) 0.2  Lima bean (young pods and/or immature beans) 0.05  Soya bean (dry) 0.1 | Canada |  |  |  |
|  | Broad bean (green pods and immature seeds) | Delete \*0.1 | Not required | Consequential amendment |  |  |  |
|  | Garden pea (shelled) | Delete T\*0.05 | Not required | Consequential amendment |  |  |  |
|  | Peas | 3 | Field pea (dry) 1  Garden pea (young pods) (=succulent immature seeds) 0.2 | Canada |  |  |  |
|  | Podded pea (young pods) (snow and sugar snap) | Delete T0.05 | Not required | Consequential amendment |  |  |  |
| **Bifenazate** | |  |  |  | 35 |  |  |
|  | Hops, dry | 15 | 20 | United States |  | 3 | 1 |
| **Bifenthrin** | |  |  |  | 42 |  |  |
|  | Grapes | 0.2 | Commodity not listed | United States |  | 67 | 30 |
| **Boscalid** | |  |  |  | 33 |  |  |
|  | Grapes | 5 | 5 | United States |  | 6 | <1 |
|  | Hops, dry | 35 | 60 | United States |  | 3 | <1 |
| **Buprofezin** | |  |  |  | 39 |  |  |
|  | Grapes | 2.5 | 1 | United States |  | 17 | 8 |
| **Carfentrazone-ethyl** | |  | Chemical not listed |  | 3 | Not required | Not required |
|  | Hops, dry | 0.1 |  | United States |  |  |  |
| **Chlorantraniliprole** | |  |  |  | <1 | Not required | Not required |
|  | Asparagus | 13 | Commodity not listed | United States |  |  |  |
|  | Avocado | 4 | Commodity not listed | United States |  |  |  |
|  | Berries and other small fruits[[7]](#footnote-7) | 2.5 | 1 | United States |  |  |  |
|  | Cherries | 1 | Not required | Consequential amendment |  |  |  |
|  | Citrus fruits | 1.4 | 0.5 | United States |  |  |  |
|  | Coffee beans | 0.4 | Commodity not listed | United States |  |  |  |
|  | Cranberry | Delete 1 | Not required | Consequential amendment |  |  |  |
|  | Fruiting vegetables, cucurbits | 0.5 | 0.3 | United States |  |  |  |
|  | Grapes [except table grapes] | Delete 0.3 | Not required | Consequential amendment |  |  |  |
|  | Hops, dry | 90 | Commodity not listed | United States |  |  |  |
|  | Legume vegetables | 2 | Commodity not listed | United States |  |  |  |
|  | Plums | 1 | Not required | Consequential amendment |  |  |  |
|  | Rape seed (canola) | 2 | Commodity not listed | United States |  |  |  |
|  | Rice | 0.15 | Commodity not listed | United States |  |  |  |
|  | Stone fruits [except cherry and plum] | 4 | Stone fruits 1 | United States |  |  |  |
|  | Strawberry | Delete T0.5 | Not required | Consequential amendment |  |  |  |
|  | Stone fruits | Delete 1 | Not required | Consequential amendment |  |  |  |
|  | Sunflower seed | 2 | Commodity not listed | United States |  |  |  |
|  | Table grapes | Delete 1.2 | Not required | Consequential amendment |  |  |  |
|  | Tree nuts [except almonds and pistachio nut][[8]](#footnote-8) | 0.02 | 0.02 | Codex |  |  |  |
|  |  |  |  |  |  |  |  |
| **Chlorfenapyr** | |  | Chemical not listed |  | 11 |  |  |
|  | Peppers, Chili | 0.01 |  | European Union |  | <1 | <1 |
|  | Spices | 0.05 |  | European Union |  | <1 | <1 |
|  | Tea, green, black | 50 |  | European Union |  | 61 | 50 |
| **Chlorpyrifos** | |  |  |  | 93 |  |  |
|  | Citrus fruits | 1 | Citrus fruits [excluding kumquats] 1 | United States |  | 55 | 18 |
|  | Onion, bulb | 0.2 | 0.2 | European Union |  | 2 | 1 |
| **Chlorpyrifos-methyl** | |  |  |  | 94 |  |  |
|  | Tea, green, black | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
| **Clopyralid** | |  | Chemical not listed |  | 1 | Not required | Not required |
|  | Blueberries | 0.5 |  | United States |  |  |  |
|  | Strawberry | 4 |  | United States |  |  |  |
| **Clothianidin** | |  |  |  | 6 |  |  |
|  | Spices | 0.05 | Commodity not listed | European Union |  | <1 | <1 |
|  | Tea, green, black | 0.7 | Tea, Green, Black (black, fermented and dried) T0.7 | Codex |  | <1 | <1 |
| **Cyazofamid** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Hops, dry | 10 |  | United States |  |  |  |
| **Cypermethrin** | |  |  |  | 41 |  |  |
|  | Citrus fruits [except kumquats][[9]](#footnote-9),[[10]](#footnote-10) | 0.3 | Citrus fruits [excluding shaddocks or pomelos and kumquats][[11]](#footnote-11) 0.3 | Codex |  | Worst case:  58 - Grapefruit | Worst case:  18 - Oranges |
|  | Grapes[[12]](#footnote-12) | 2 | 0.2[[13]](#footnote-13) | United States |  | 67 | 75 |
| **Cyprodinil** | |  |  |  | 21 | Not required | Not required |
|  | Dewberries (including boysenberry and loganberry) | Delete T5 | Not required | FSANZ Code Maintenance |  |  |  |
|  | Dewberries (including loganberry) [except boysenberry] | T5 | Not required | FSANZ Code Maintenance |  |  |  |
|  | Grapes | 3 | 3 | United States |  |  |  |
| **Daminozide** | |  | Not required |  | Not required | | |
|  | Edible offal (mammalian) | Delete 0.2 |  | APVMA |  |  |  |
|  | Eggs | Delete 0.2 |  | APVMA |  |  |  |
|  | Meat (mammalian) | Delete 0.2 |  | APVMA |  |  |  |
|  | Milks | Delete \*0.05 |  | APVMA |  |  |  |
|  | Peach | Delete 30 |  | APVMA |  |  |  |
|  | Peanut | Delete 20 |  | APVMA |  |  |  |
|  | Pome fruits | Delete 30 |  | APVMA |  |  |  |
|  | Poultry, edible offal of | Delete 0.2 |  | APVMA |  |  |  |
|  | Poultry meat | Delete 0.2 |  | APVMA |  |  |  |
| **Difenoconazole** | |  |  |  | 53 |  |  |
|  | Cherries | 2.5 | 0.2 | United States |  | 14 | 2 |
| **Diflubenzuron** | |  |  |  | 31 | Not required | Not required |
|  | Stone fruits [except cherries] | 0.07 | Nectarine 0.5  Peach 0.5  Plums (including prunes) 0.5 | United States |  |  |  |
|  | Tea, green, black | 0.1 | Commodity not listed | European Union |  |  |  |
| **Dimethomorph** | |  |  |  | 7 |  |  |
|  | Brassica (cole or cabbage) vegetables, Head Cabbage, Flowerhead Brassicas | 6 | Broccoli 1  Cabbages, Head 2  Kohlrabi 0.02 | United States |  | 21 | 12 |
|  | Brassica leafy vegetables | Delete T2 | Not required | Consequential amendment |  | Not required | Not required |
|  | Corn salad | 10 | 10 | Codex |  | 16 | 12 |
|  | Fruiting vegetables, other than cucurbits | 1.5 | Fruiting vegetables other than cucurbits [except fungi, edible; mushrooms and sweet corn (corn-on-the-cob and kernels) 1 | United States |  | 7 | 4 |
|  | Garlic | 0.6 | Commodity not listed | United States |  | <1 | <1 |
|  | Grapes | 3 | 2 | United States |  | 17 | 8 |
|  | Herbs | 10 | Commodity not listed | European Union |  | 1 | <1 |
|  | Hops, dry | 80 | 80 | Codex |  | 8 | 3 |
|  | Leafy vegetables | 30 | Lettuce, Head 10 | United States |  | Worst case:  58 – Brassica leafy vegetables | Worst case:  96 – Lettuce head |
|  | Leafy vegetables [except lettuce head] | Delete T2 | Not required | Consequential amendment |  | Not required | Not required |
|  | Lettuce head | Delete 0.3 | Not required | Consequential amendment |  | Not required | Not required |
|  | Lima bean (young pods and/or immature beans) | 0.6 | Commodity not listed | United States |  | <1 | <1 |
|  | Onion, bulb | 0.6 | Commodity not listed | United States |  | 1 | <1 |
|  | Potato | 0.05 | 0.05 | Codex |  | <1 | <1 |
|  | Shallot | 0.6 | Commodity not listed | United States |  | <1 | <1 |
|  | Spices | 0.05 | Commodity not listed | European Union |  | <1 | <1 |
|  | Spring onion | 15 | Commodity not listed | United States |  | 8 | 2 |
| **Dinotefuran** | |  |  |  | <1 |  |  |
|  | Cranberry | 0.2 | 0.15 | United States |  | <1 | <1 |
| **Endosulfan** | |  | Not required |  | Not required | | |
|  | Assorted tropical and sub-tropical fruits – inedible peel | Delete 2 |  | APVMA |  |  |  |
|  | Broccoli | Delete 1 |  | APVMA |  |  |  |
|  | Cabbage, head | Delete 1 |  | APVMA |  |  |  |
|  | Cauliflower | Delete 1 |  | APVMA |  |  |  |
|  | Cereal grains | Delete 0.1 |  | APVMA |  |  |  |
|  | Citrus fruit | Delete 0.3 |  | APVMA |  |  |  |
|  | Edible offal (mammalian) | Delete 0.2 |  | APVMA |  |  |  |
|  | Eggs | Delete 0.02 |  | APVMA |  |  |  |
|  | Fruiting vegetables, cucurbits | Delete 1 |  | APVMA |  |  |  |
|  | Fruiting vegetables, other than cucurbits | Delete 1 |  | APVMA |  |  |  |
|  | Meat (mammalian) (in the fat) | Delete 0.2 |  | APVMA |  |  |  |
|  | Milks | Delete 0.02 |  | APVMA |  |  |  |
|  | Oilseed | Delete 1 |  | APVMA |  |  |  |
|  | Pome fruits | Delete 1 |  | APVMA |  |  |  |
|  | Poultry, edible offal of | Delete \*0.01 |  | APVMA |  |  |  |
|  | Poultry meat (in the fat) | Delete 0.05 |  | APVMA |  |  |  |
|  | Pulses | Delete \*0.1 |  | APVMA |  |  |  |
|  | Root and tuber vegetables | Delete 0.5 |  | APVMA |  |  |  |
|  | Stalk and stem vegetables | Delete 1 |  | APVMA |  |  |  |
|  | Strawberry | Delete T0.5 |  | APVMA |  |  |  |
|  | Tea, green, black | Delete T30 |  | APVMA |  |  |  |
|  | Tree nuts | Delete 0.05 |  | APVMA |  |  |  |
| **Ethoxyquin** | |  | Not required |  | Not required | | |
|  | Apple | Delete 3 |  | APVMA |  |  |  |
|  | Crustaceans | 1 |  | APVMA |  |  |  |
|  | Diadromous fish | 1 |  | APVMA |  |  |  |
|  | Edible offal (mammalian) | 1 |  | APVMA |  |  |  |
|  | Eggs | 0.1 |  | APVMA |  |  |  |
|  | Freshwater fish | 1 |  | APVMA |  |  |  |
|  | Marine fish | 1 |  | APVMA |  |  |  |
|  | Meat (mammalian) | 0.5 |  | APVMA |  |  |  |
|  | Pear | Delete 3 |  | APVMA |  |  |  |
|  | Poultry, edible offal of | 0.1 |  | APVMA |  |  |  |
|  | Poultry meat (in the fat) | 0.5 |  | APVMA |  |  |  |
| **Etoxazole** | |  |  |  | 5 |  |  |
|  | Hops, dry | 7 | 15 | United States |  | <1 | <1 |
|  | Tea, green, black | 15 | Tea, Green, Black (black, fermented and dried) 15 | Codex |  | <1 | <1 |
| **Fenbuconazole** | |  |  |  | 12 |  |  |
|  | Cranberry | 0.5 | 1 | United States |  | <1 | <1 |
| **Fenbutatin-oxide** | |  |  |  | 95 | Not required | Not required |
|  | Grapes [except wine grapes] | 5 | Grapes 5 | United States |  |  |  |
| **Fenitrothion** | |  | Not required |  | Not required | | |
|  | Oilseeds | Delete T0.1  Add 0.1 |  | APVMA |  |  |  |
|  | Pulses | Delete T0.1  Add 0.1 |  | APVMA |  |  |  |
| **Fenpropathrin** | |  |  |  | 33 |  |  |
|  | Stone fruits [except cherry and peach] | 1.4 | Commodity not listed | United States |  | Worst case:  95 - Nectarine | Worst case:  59 - Nectarine |
| **Fenpyroximate** | |  |  |  | 29 |  |  |
|  | Cherries | 2 | Commodity not listed | United States |  | 85 | 29 |
|  | Grapes | 1 | 0.1 | United States |  | 86 | 75 |
|  | Hops, dry | 10 | 10 | United States |  | 29 | 11 |
|  | Tea, green, black | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
| **Fenvalerate** | |  | Not required |  | Not required | | |
|  | Pome fruits | Delete 1 |  | APVMA |  |  |  |
|  | Stone fruits | Delete 1 |  | APVMA |  |  |  |
| **Flonicamid** | |  | Chemical not listed |  | 8 |  |  |
|  | Hops, dry | 7 |  | United States |  | 16 | 6 |
| **Flubendiamide** | |  |  |  | 20 |  |  |
|  | Spices | 0.02 | Commodity not listed | European Union |  | <1 | <1 |
|  | Tea, green, black | 0.02 | Tea, Green, Black (black, fermented and dried) 50 | European Union |  | <1 | <1 |
| **Fluopyram** | |  |  |  | 17 |  |  |
|  | Cherries | 0.6 | 0.7 | United States |  | 2 | <1 |
|  | Grapes | 2 | 2 | Codex |  | 13 | 4 |
|  | Hops, dry | 100 | Commodity not listed | United States |  | 12 | 6 |
| **Flutriafol** | |  |  |  | 21 |  |  |
|  | Stone fruits | 1.5 | Commodity not listed | United States |  | Worst case:  69 - Peach | Worst case: 38 - Nectarines |
| **Fluxapyroxad[[14]](#footnote-14)** | |  |  |  | 73 |  |  |
|  | Barley | 3 | 2 | United States |  | 1 | Worst case: 8 - Beer |
|  | Blackberries | 5 | Commodity not listed | United States |  | 1 | <1 |
|  | Blueberries | 7 | Commodity not listed | United States |  | 2 | <1 |
|  | Brassica leafy vegetables | 4 | Commodity not listed | United States |  | 5 | 3 |
|  | Bulb vegetables | 1.5 | Commodity not listed | United States |  | Worst case: 5 - Onion bulb | Worst case:  2 - Leek |
|  | Dried grapes (currants, raisins and sultanas) | 5.7 | Commodity not listed | United States |  | 5 | 1 |
|  | Fruiting vegetables, cucurbits | 0.5 | Commodity not listed | United States |  | Worst case:  6 - Pumpkin | Worst case:  10 - Watermelon |
|  | Fruiting vegetables, other than cucurbits [except sweet corn and mushroom] | 0.6 | 0.6 | Codex |  | <1 | <1 |
|  | Grapes [except dried grapes][[15]](#footnote-15) | 2 | Commodity not listed | United States |  | 22 | 10 |
|  | Mango | 0.5 | Commodity not listed | Brazil |  | 4 | 3 |
|  | Oilseeds [except peanut and cotton] | 0.9 | 0.8 | United States |  | <1 | <1 |
|  | Oranges, sweet, sour | 0.2 | Commodity not listed | Brazil |  | 5 | 2 |
|  | Pecan | 0.06 | Commodity not listed | United States |  | <1 | <1 |
|  | Peppers, Chili (dry) | 6 | 6 | Codex |  | 6 | <1 |
|  | Plums (including prunes) | Delete 3 | Not required | Consequential amendment |  | Not required | Not required |
|  | Prunes | 5 | 5 | Codex |  | 6 | 11 |
|  | Raspberries, red, black | 5 | Commodity not listed | United States |  | 1 | <1 |
|  | Rice [except rice bran, unprocessed and rice hulls][[16]](#footnote-16) | 5 | Commodity not listed | United States |  | 5 | 5 |
|  | Rice bran, unprocessed | 8.5 | Commodity not listed | United States |  | 2 | 2 |
|  | Rice hulls | 15 | Commodity not listed | United States |  | 22 | 16 |
|  | Root and tuber vegetables [except sugar beet] | 0.9 | Commodity not listed | United States |  | <1 | Worst case:  3 - Potato |
|  | Rye | 3 | 0.3 | United States |  | 3 | 5 |
|  | Sorghum | 3 |  | United States |  | 3 | 5 |
|  | Stone fruits [except prunes][[17]](#footnote-17) | 3 | 2 | United States |  | Worst case:  40 - Apricots | Worst case:  13 - Nectarine |
|  | Stone fruits [except plums (including prunes)] | Delete 2 | Not required | Consequential amendment |  | Not required | Not required |
|  | Strawberry | 4 | Commodity not listed | United States |  | 12 | 3 |
|  | Sugar beet | 0.15 | 0.15 | Codex |  | 1 | <1 |
|  | Sugar cane | 3 | Commodity not listed | United States |  | 8 | 3 |
|  | Wheat | 0.3 | 0.3 | Codex |  | Worst case:  1 - Wheat flour | <1 |
| **Forchlorfenuron** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Grapes | 0.03 |  | United States |  |  |  |
| **Fosetyl** | |  | Chemical not listed |  | 2 | Not required | Not required |
|  | Citrus fruits | 5 |  | United States |  |  |  |
| **Glyphosate** | |  |  |  | 10 | Not required | Not required |
|  | Soya bean (dry) | 20 | 20 | Codex |  |  |  |
| **Hexythiazox** | |  |  |  | 15 | Not required | Not required |
|  | Hops, dry | 2 | 3 | United States |  |  |  |
|  | Tea, green, black | 4 | Tea, Green, Black (black, fermented and dried) 15 | European Union |  |  |  |
| **Imazalil** | |  |  |  | 69 |  |  |
|  | Onion, bulb | 0.05 | Commodity not listed | European Union |  | 1 | <1 |
| **Imazamox** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Lentil (dry) | 0.25 |  | Canada |  |  |  |
|  | Rice | 0.05 |  | European Union |  |  |  |
|  | Soya bean (dry) | 0.1 |  | Canada |  |  |  |
|  | Sunflower seed | 0.3 |  | Canada |  |  |  |
| **Imazapic** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Maize (corn) | 0.1 |  | Brazil |  |  |  |
|  | Rice | 0.05 |  | Argentina |  |  |  |
|  | Sugar cane | 0.1 |  | Argentina |  |  |  |
| **Imazapyr** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Lentils (dry) | 0.2 |  | Canada |  |  |  |
|  | Maize | 0.1 |  | Brazil |  |  |  |
|  | Rice | 0.05 |  | Brazil |  |  |  |
|  | Sugar cane | 0.05 |  | Brazil |  |  |  |
|  | Sunflower seed | 0.05 |  | Argentina |  |  |  |
| **Imazethapyr** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Rape seed (canola) | 0.05 |  | Canada |  |  |  |
| **Imidacloprid** | |  |  |  | 19 |  |  |
|  | Cranberry | 0.05 | 0.05\* | United States |  | <1 | <1 |
|  | Grapes | 1 | 1 | United States |  | 8 | 4 |
|  | Spices [except Coriander (leaves stems roots), Coriander seed, Dill seed, Fennel seed, Ginger root][[18]](#footnote-18) | 0.05 | Commodity not listed | European Union |  | <1 | <1 |
|  | Turmeric root (fresh) | Delete T0.05 | Not required | Consequential amendment |  | Not required | Not required |
| **Indoxacarb** | |  |  |  | 40 |  |  |
|  | Cherries | T2 | Not required | APVMA |  | Not required | Not required |
|  | Grapes | 2 | 2 | United States |  | 67 | 30 |
|  | Milks | Delete 0.01  Add 0.1 | Not required | APVMA |  | Not required | Not required |
|  | Stone fruits | Delete 2 | Not required | APVMA |  | Not required | Not required |
|  | Stone fruits [except cherries] | 2 | Not required | APVMA |  | Not required | Not required |
| **Isoxaflutole** | |  | Chemical not listed |  | 4 | Not required | Not required |
|  | Soya bean (dry) | 0.05 |  | United States |  |  |  |
| **Kresoxim-methyl** | |  |  |  | 2 | Not required | Not required |
|  | Asparagus | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Barley | 0.1 | 0.1 | Codex |  |  |  |
|  | Beetroot | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Berries and other small fruits[[19]](#footnote-19) | 1.5 | Grapes 1 | European Union |  |  |  |
|  | Chard (beet leaves) | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Coffee beans | 0.05 | Commodity not listed | Brazil |  |  |  |
|  | Cotton seed | 0.05 | Commodity not listed | Brazil |  |  |  |
|  | Dried grapes (currants, raisins and sultanas) | 2 | 2 | Codex |  |  |  |
|  | Edible offal (mammalian) | 0.05 | 0.05\* | Codex |  |  |  |
|  | Egg plant | 0.6 | Commodity not listed | European Union |  |  |  |
|  | Fruiting vegetables, cucurbits[[20]](#footnote-20) | 0.4 | Cucumber 0.05\* | United States |  |  |  |
|  | Garlic | 0.3 | Commodity not listed | European Union |  |  |  |
|  | Grapes | Delete 1 | Not required | Consequential amendment |  |  |  |
|  | Ginseng (dried) | 1 | Commodity not listed | Korea |  |  |  |
|  | Grape leaves | 15 | Commodity not listed | European Union |  |  |  |
|  | Grapefruit | 0.5 | 0.5 | Codex |  |  |  |
|  | Leek | 5 | Commodity not listed | European Union |  |  |  |
|  | Mammalian fats [except milk fats] | 0.05 | 0.05\* | Codex |  |  |  |
|  | Meat (mammalian) | 0.05 | Meat (from mammals other than marine mammals) 0.05\* | Codex |  |  |  |
|  | Milks | 0.05 | 0.01\* | European Union |  |  |  |
|  | Oats | 0.1 | Commodity not listed | European Union |  |  |  |
|  | Olive oil, virgin | 0.7 | 0.7 | Codex |  |  |  |
|  | Olives | 0.2 | 0.2 | Codex |  |  |  |
|  | Onion, bulb | 0.3 | Commodity not listed | European Union |  |  |  |
|  | Oranges, sweet, sour | 0.5 | Oranges, Sweet, Sour (including Orange-like hybrids): several cultivars 0.5 | Codex |  |  |  |
|  | Pear | 5 | Pome fruits 0.2 | Japan |  |  |  |
|  | Pecan | 0.15 | Commodity not listed | United States |  |  |  |
|  | Peppers, Sweet | 1 | Commodity not listed | European Union |  |  |  |
|  | Pome fruits | Delete 0.1 | Not required | Consequential amendment |  |  |  |
|  | Pome fruits [except pear] [[21]](#footnote-21) | 0.2 | Pome fruits 0.2 | Codex |  |  |  |
|  | Potato | 0.1 | Commodity not listed | Brazil |  |  |  |
|  | Poultry meat | 0.05 | 0.05\* | Codex |  |  |  |
|  | Rice | 0.02 | Commodity not listed | Brazil |  |  |  |
|  | Rye | 0.1 | 0.05\* | European Union |  |  |  |
|  | Shallot | 0.3 | Commodity not listed | European Union |  |  |  |
|  | Soya bean (dry) | 0.05 | Commodity not listed | Brazil |  |  |  |
|  | Sugar beet | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Sunflower seed | 0.1 | Commodity not listed | European Union |  |  |  |
|  | Tea, green, black | 15 | Commodity not listed | Japan |  |  |  |
|  | Tomato | 0.6 | Commodity not listed | European Union |  |  |  |
|  | Turnip, garden | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Wheat | 0.1 | 0.05\* | European Union |  |  |  |
| **Mandipropamid** | |  |  |  | 3 | Not required | Not required |
|  | Hops, dry | 50 | Commodity not listed | United States |  |  |  |
| **Metaflumizone** | |  |  |  | <1 | Not required | Not required |
|  | Citrus fruits | 0.04 | Commodity not listed | United States |  |  |  |
|  | Tree nuts | 0.04 | Commodity not listed | United States |  |  |  |
| **Metconazole** | |  | Chemical not listed |  | <1 |  |  |
|  | Potato | 0.04 |  | Canada |  | 1 | <1 |
|  | Sweet potato | 0.04 |  | United States |  | <1 | <1 |
| **Methoxyfenozide** | |  |  |  | 26 |  |  |
|  | Citrus fruits | 3 | 2 | United States |  | Worst case:  24 - Oranges | Worst case:  8 - Oranges |
|  | Plums (including prunes) | 0.3 | Prunes 2  Stone fruits 2 | United States |  | <1 | <1 |
| **Myclobutanil** | |  |  |  | 9 | Not required | Not required |
|  | Stone fruits [except cherries] | 2 | Plums (including prunes) [except prunes] 0.2  Prunes 0.5  Stone fruits [except plums] 2 | United States |  |  |  |
| **Oxytetracycline** | |  | Not required |  | Not required | | |
|  | Prawns | Delete 0.2 |  | APVMA |  |  |  |
| **Parathion-Methyl** | |  | Not required |  | Not required | | |
|  | Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead brassicas | Delete T0.1 |  | APVMA |  |  |  |
|  | Carrot | Delete T0.5 |  | APVMA |  |  |  |
|  | Celery | Delete T3 |  | APVMA |  |  |  |
|  | Citrus fruits | Delete T1 |  | APVMA |  |  |  |
|  | Cotton seed | Delete 1 |  | APVMA |  |  |  |
|  | Edible offal (mammalian) | Delete \*0.05 |  | APVMA |  |  |  |
|  | Fruiting vegetables, cucurbits | Delete T1 |  | APVMA |  |  |  |
|  | Fruiting vegetables, other than cucurbits [except sweet corn (corn-on-the-cob)] | Delete T0.2 |  | APVMA |  |  |  |
|  | Grapes | Delete T0.5 |  | APVMA |  |  |  |
|  | Leafy vegetables | Delete T1 |  | APVMA |  |  |  |
|  | Legume vegetables | Delete T0.5 |  | APVMA |  |  |  |
|  | Meat (mammalian) | Delete T\*0.05 |  | APVMA |  |  |  |
|  | Milks | Delete T\*0.05 |  | APVMA |  |  |  |
|  | Pome fruits | T0.5 |  | APVMA |  |  |  |
|  | Potato | Delete \*0.05 |  | APVMA |  |  |  |
|  | Pulses | T0.2 |  | APVMA |  |  |  |
|  | Stone fruits | Delete T0.2 |  | APVMA |  |  |  |
|  | Sweet corn (corn-on-the-cob) | Delete \*0.1 |  | APVMA |  |  |  |
| **Penconazole** | |  |  |  | 4 | Not required | Not required |
|  | Herbs | 0.05 | Commodity not listed | European Union |  |  |  |
|  | Spices | 0.1 | Commodity not listed | European Union |  |  |  |
|  | Tea, green, black | 0.1 | Commodity not listed | European Union |  |  |  |
| **Pendimethalin** | |  | Chemical not listed |  | 1 | Not required | Not required |
|  | Artichoke, globe | 0.05 |  | European Union |  |  |  |
|  | Asparagus | 0.15 |  | United States |  |  |  |
|  | Brassica leafy vegetables | 0.2 |  | United States |  |  |  |
|  | Leafy vegetables | Delete \*0.05 |  | Consequential amendment |  |  |  |
|  | Leafy vegetables [except Brassica leafy vegetables and Lettuce, leaf] | \*0.05 |  | Consequential amendment |  |  |  |
|  | Lettuce, leaf | 4 |  | United States |  |  |  |
|  | Melons, including watermelon[[22]](#footnote-22) | 0.1 |  | United States |  |  |  |
|  | Sorghum | 0.1 |  | United States |  |  |  |
| **Penthiopyrad** | |  |  |  | 7 |  |  |
|  | Cranberry | 3 | Commodity not listed | United States |  | <1 | <1 |
| **Permethrin** | |  |  |  | 20 |  |  |
|  | Nectarine | 2 | Stone fruits 2 | Codex |  | 4 | 2 |
|  | Peach | 1 | Stone fruits 2 | United States |  | 2 | <1 |
|  | Tea, green, black | 0.1 | Tea, Green, Black (black, fermented and dried) 20 | European Union |  | <1 | <1 |
| **Phosmet** | |  |  |  | 66 |  |  |
|  | Grapes | 10 | 10 | United States |  | 86 | 75 |
| **Praziquantel** | |  | Not required |  | Not required | | |
|  | Fish muscle/skin | Delete T\*0.01 |  | APVMA |  |  |  |
| **Prohexadione-calcium** | |  | Chemical not listed |  | <1 |  |  |
|  | Cherries | 0.4 |  | United States |  | <1 | <1 |
| **Prothioconazole** | |  |  |  | 5 |  |  |
|  | Cranberry | 0.2 | Commodity not listed | United States |  | <1 | <1 |
| **Pyraclostrobin** | |  |  |  | 5 |  |  |
|  | Herbs | 2 | Commodity not listed | European Union |  | 2 | <1 |
|  | Hops, dry | 23 | 15 | United States |  | 27 | 10 |
|  | Spices | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
|  | Stone fruits | 2.5 | Cherries 3  Nectarine 0.3  Peach 0.3  Plums (including prunes) 0.8 | United States |  | Worst case:  40 - Peach | Worst case:  16 - Nectarine |
| **Pyridaben** | |  | Chemical not listed |  | 68 | Not required | Not required |
|  | Cranberry | 0.5 |  | United States |  |  |  |
| **Pyrimethanil** | |  |  |  | 26 |  |  |
|  | Coriander (leaves) | 3 | Commodity not listed | European Union |  | <1 | <1 |
|  | Herbs | 3 | Commodity not listed | European Union |  | <1 | <1 |
|  | Onion, bulb | 0.1 | 0.2 | European Union |  | <1 | <1 |
|  | Spices | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
| **Pyriproxyfen** | |  |  |  | 8 | Not required | Not required |
|  | Citrus fruits | 0.5 | 0.5 | Codex |  |  |  |
|  | Cranberry | 1 | Commodity not listed | United States |  |  |  |
| **Quinclorac** | |  | Chemical not listed |  | 1 |  |  |
|  | Barley | 2 |  | Canada |  | <1 | <1 |
|  | Rape seed (canola) | 1.5 |  | Canada |  | <1 | <1 |
|  | Rice | 5 |  | United States |  | 1 | <1 |
|  | Wheat | 0.5 |  | United States |  | <1 | <1 |
| **Quinoxyfen** | |  |  |  | 1 | Not required | Not required |
|  | Grapes | 2 | 2 | United States |  |  |  |
|  | Hops, dry | 3 | 1 | United States |  |  |  |
|  | Stone fruits | 0.7 | Cherries 0.4 | United States |  |  |  |
| **Sethoxydim** | |  | Chemical not listed |  | 37 | Not required | Not required |
|  | Cranberry | 2.5 |  | United States |  |  |  |
|  | Hops, dry | 0.5 |  | United States |  |  |  |
|  | Strawberry | 10 |  | United States |  |  |  |
| **Simazine** | |  | Chemical not listed |  | 32 | Not required | Not required |
|  | Citrus fruits[[23]](#footnote-23) | 0.25 |  | United States |  |  |  |
|  | Fruit | Delete \*0.1 |  | Consequential amendment |  |  |  |
|  | Fruit [except citrus fruits] | \*0.1 |  | Consequential amendment |  |  |  |
| **Spirodiclofen** | |  |  |  | 33 | Not required | Not required |
|  | Hops, dry | 30 | 40 | United States |  |  |  |
| **Spiromesifen** | |  | Chemical not listed |  | 12 | Not required | Not required |
|  | Tea, green, black | 50 |  | European Union |  |  |  |
| **Spirotetramat[[24]](#footnote-24)** | |  |  |  | 13 |  |  |
|  | Cranberry | 0.3 | Commodity not listed | United States |  | <1 | <1 |
|  | Hops, dry | 10 | 15 | United States |  | 1 | <1 |
| **Spiroxamine** | |  | Chemical not listed |  | 15 |  |  |
|  | Hops, dry | 50 |  | United States |  | 14 | 6 |
| **Sulfoxaflor** | |  |  |  | 3 |  |  |
|  | Cranberry | 0.7 | Commodity not listed | United States |  | <1 | <1 |
| **Tebuconazole** | |  |  |  | 9 |  |  |
|  | Peppers, Chili (dry) | 10 | 10 | Codex |  | 11 | 2 |
|  | Spices | 1 | Commodity not listed | European Union |  | <1 | <1 |
|  | Stone fruits [except cherries] | 1 | Apricot 2  Cherries 4  Nectarine 2  Peach 2  Plums (including prunes) [except prunes] 1  Prunes 3 | United States |  | Worst case:  11 - Peach | Worst case:  4 – Nectarine & Peach |
| **Tebufenpyrad** | |  | Chemical not listed |  | 89 | Not required | Not required |
|  | Tea, green, black | 0.1 |  | European Union |  |  |  |
| **Thiabendazole** | |  |  |  | 48 |  |  |
|  | Onion, bulb | 0.05 | Commodity not listed | European Union |  | <1 | <1 |
| **Thiacloprid** | |  |  |  | 16 |  |  |
|  | Coriander (leaves) | 5 | Commodity not listed | European Union |  | 9 | 2 |
|  | Herbs | 5 | Commodity not listed | European Union |  | 10 | 4 |
|  | Peppers, Chili | 1 | Commodity not listed | European Union |  | 11 | 2 |
|  | Spices | 0.1 | Commodity not listed | European Union |  | <1 | <1 |
|  | Tea, green, black | 10 | Commodity not listed | European Union |  | 12 | 10 |
| **Thiamethoxam** | |  |  |  | 5 |  |  |
|  | Tea, green, black | 20 | Tea, Green, Black (black, fermented and dried) 20 | Codex |  | <1 | <1 |
| **Thiophanate-methyl** | |  | Chemical not listed |  | 6 |  |  |
|  | Grapes | 5 |  | United States |  | Not required | 38 |
| **Tilmicosin** | |  | Not required |  | Not required | | |
|  | Cattle milk | Delete T\*0.025 |  | APVMA |  |  |  |
| **Triadimefon[[25]](#footnote-25)** | |  |  |  | 27 |  |  |
|  | Tea, green, black | 0.2 | Commodity not listed | European Union |  | <1 | <1 |
| **Triadimenol** | |  |  |  | 27 |  |  |
|  | Tea, green, black | 0.2 | Commodity not listed | European Union |  | <1 | <1 |
| **Trichlorfon** | |  | Not required |  | Not required | | |
|  | Fish muscle | Delete T\*0.01 |  | APMVA |  |  |  |
| **Tridemorph** | |  | Chemical not listed |  | <1 | Not required | Not required |
|  | Tea, green, black | 0.05 |  | European Union |  |  |  |
| **Trifloxystrobin** | |  |  |  | 13 | Not required | Not required |
|  | Grapes | 3 | 3 | Codex |  |  |  |
|  | Hops, dry | 11 | 40 | United States |  |  |  |
| **Triflumizole** | |  | Chemical not listed |  | 7 |  |  |
|  | Grapes | 2.5 |  | United States |  | 44 | 13 |
|  | Hops, dry | 50 |  | United States |  | 9 | 4 |

† Note that a ‘T’ indicates that the limit is temporary.

‡ An asterisk indicates that the limit is at or about the limit of analytical quantification.

1. Codex comparisons are not provided for APVMA and FSANZ Code Maintenance amendments or consequential amendments. [↑](#footnote-ref-1)
2. Sources of proposed MRL changes are: requests to harmonise with a trading partner or Codex standards, the Australian Pesticides and Veterinary Medicines Authority (APVMA), FSANZ Code Maintenance or consequential amendments. [↑](#footnote-ref-2)
3. Dietary Exposure Estimates are not provided for APVMA requests. The net effect of deletions and reductions is a reduction in theoretical exposure. [↑](#footnote-ref-3)
4. United States of America [↑](#footnote-ref-4)
5. ‘Worst case’ describes the individual commodity that has the highest acute dietary exposure estimate (NESTI) within the proposed food group [↑](#footnote-ref-5)
6. Request was for *Grapes*. The drafting reflects that there is a separate MRL for *Dried grapes*. [↑](#footnote-ref-6)
7. Requests were received for the U.S. subgroups (1) *Berry, low growing, subgroup 13–07G* (1 mg/kg); (2) *Fruit, caneberry, subgroup 13-07A* (1.8 mg/kg); and (3) *Fruit, small vine climbing, subgroup 13–07F* (2.5 mg/kg). These have been considered under *Berries and other small fruits* at 2.5 mg/kg, as defined in Schedule 4 of Standard 1.4.2. [↑](#footnote-ref-7)
8. Request was for *Tree nuts.* The drafting reflects that there are separate MRLs for other nut varieties. [↑](#footnote-ref-8)
9. Request was for Alpha-cypermethrin. [↑](#footnote-ref-9)
10. Schedule 4 of Standard 1.4.2 of the Food Standards Code describes Citrus fruits. This group does not include shaddocks or pomelos. [↑](#footnote-ref-10)
11. Codex permission is for Cypermethrins (including alpha- and zeta- cypermethrin). [↑](#footnote-ref-11)
12. Request was for Zeta-cypermethrin. [↑](#footnote-ref-12)
13. Codex permission is for Cypermethrins (including alpha- and zeta- cypermethrin). [↑](#footnote-ref-13)
14. There are currently two entries for this chemical with different residue definitions. These are being merged into the first entry as part of Code Maintenance. The second entry is deleted under Item 1.6. The following commodities from the second entry have been moved to the first: *Pome fruits* (MRL 0.8), *Pulses [except soya bean (dry)]* (MRL 0.4); *Soya bean (dry)* (MRL 0.3) and *Soya bean (immature seeds)* (MRL 0.15). [↑](#footnote-ref-14)
15. Request was for *Grapes*. The drafting reflects there is a separate MRL for dried grapes. [↑](#footnote-ref-15)
16. Request was for *Rice.* The draftingreflects there are separate MRLs for *Rice bran, unprocessed* and *Rice hulls.* [↑](#footnote-ref-16)
17. Request was for *Stone fruits*. The drafting reflects there is a separate MRL for *Prunes.* [↑](#footnote-ref-17)
18. Request was for *Spices*. The drafting reflects there are separate MRLs for other spices. [↑](#footnote-ref-18)
19. Individual requests were received for *Grapes* 1mg/kg (Codex); *Strawberry* 1.5 mg/kg (EU); *Blueberries* 0.9 mg/kg (EU); *Cranberry* 0.9 mg/kg (EU); *Currants, Black, Red, White* 1 mg/kg (EU); *Gooseberry* 1 mg/kg (EU). These have been considered under *Berries and other small fruits* as defined in Schedule 4 of Standard 1.4.2 at 1.5 mg/kg. [↑](#footnote-ref-19)
20. Individual requests were received for *Courgette, Cucumber, Gherkin, Pumpkin, Melon, except Watermelon* and *Watermelon*. These have been considered under *Fruiting vegetables, cucurbits* as described in Schedule 4 of Standard 1.4.2. [↑](#footnote-ref-20)
21. Request was for *Pome fruits*. The drafting reflects there is a separate MRL for *Pear*. [↑](#footnote-ref-21)
22. Requests were received for *Melons, except watermelon* and *Watermelon* (MRL 0.1). The drafting has combined these requests. [↑](#footnote-ref-22)
23. Individual requests were received for *Oranges, sweet, sour* 0.25 mg/kg (U.S.), *Lemon* 0.25 mg/kg (U.S.) and *Grapefruit* 0.25 mg/kg (U.S.). These have been considered under *Citrus fruits* at 0.25 mg/kg as described in Schedule 4 of Standard 1.4.2. [↑](#footnote-ref-23)
24. Listed as Spirotetramate by Codex [↑](#footnote-ref-24)
25. The EU database describes these chemicals as Triadimefon and triadimenol (sum of triadimefon and triadimenol) (F). The Food Standards Code lists these chemicals separately. The requested commodity (Tea, Green, Black) has been considered for both Triadimefon and Triadimenol. [↑](#footnote-ref-25)