

Deltamethrin and Tralomethrin

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)	●	1.0
Wheat	○ 2	1.0
Barley	○ 2	1.0
Rye	○ 2	1.0
Corn (maize, including pop corn and sweet corn)	● 0.02	1.0
Buckwheat	○ 2	1.0
Other cereal grains ¹	○ 2	1.0
Soybeans, dry	○ 1	0.1
Beans, dry ²	○ 1	0.1
Peas	○ 1	0.1
Broad beans	○ 1	0.1
Peanuts, dry	●	0.1
Other pulses ³	○ 1	0.1
Potato	● 0.02	0.05
Taro	●	0.05
Sweet potato	●	0.05
Yam	● 0.02	0.05
Konjac	●	0.05
Other potatoes ⁴	●	0.05
Sugar beet	●	0.1
Japanese radish, roots (including radish)	● 0.2	0.5
Japanese radish, leaves (including radish)	○ 2	0.5
Turnip, roots (including rutabaga)	● 0.2	0.5
Turnip, leaves (including rutabaga)	○ 2	0.5
Horseradish	● 0.2	0.5
Watercress	○ 2	0.5
Chinese cabbage	0.5	0.5
Cabbage	● 0.1	0.5
Brussels sprouts	● 0.1	0.5
Kale	○ 2	0.5
Komatsuna(Japanese mustard spinach)	○ 2	0.5
Kyona	○ 2	0.5
Qing-geng-cai	○ 2	0.5
Cauliflower	● 0.1	0.5
Broccoli	● 0.2	0.5
Other cruciferous vegetables ⁵	○ 2	0.5
Burdock	● 0.2	0.5
Salsify	● 0.2	0.5
Artichoke	0.5	0.5
Chicory	○ 2	0.5
Endive	○ 2	0.5
Shungiku	○ 2	0.5
Lettuce (including cos lettuce and leaf lettuce)	0.5	0.5

Commodity	MRL (draft) ppm	MRL (current) ppm
Other composite vegetables ⁶	○ 2	0.5
Onion	● 0.05	0.5
Welsh (including leek)	● 0.2	0.5
Garlic	●	0.5
Nira	●	0.5
Asparagus	● 0.05	0.5
Multiplying onion (including shallot)	●	0.5
Other liliaceous vegetables ⁷	●	0.5
Carrot	● 0.2	0.5
Parsnip	● 0.2	0.5
Parsley	●	0.5
Celery	●	0.5
Mitsuba	●	0.5
Other umbelliferous vegetables ⁸	● 0.2	0.5
Tomato	● 0.3	0.5
Pimiento (sweet pepper)	● 0.3	0.5
Egg plant	● 0.3	0.5
Other solanaceous vegetables ⁹	○ 2	0.5
Cucumber (including gherkin)	● 0.2	0.5
Pumpkin (including squash)	● 0.2	0.5
Oriental pickling melon (vegetable)	● 0.2	0.5
Water melon	● 0.02	0.5
Melons	● 0.03	0.5
Makuwauri melon	●	0.5
Other cucurbitaceous vegetables ¹⁰	○ 2	0.5
Spinach	●	0.5
Bamboo shoots	●	0.5
Okra	● 0.3	0.5
Ginger	● 0.02	0.5
Peas, immature (with pods)	0.5	0.5
Kidney beans, immature (with pods)	● 0.2	0.5
Green soybeans	● 0.2	0.5
Button mushroom	● 0.05	0.5
Shiitake mushroom	●	0.5
Other mushrooms ¹¹	●	0.5
Other vegetables ¹²	○ 2	0.5
Unshu orange, pulp	● 0.02	0.5
Citrus natsudaikai, whole	● 0.3	1.0
Lemon	● 0.5	1.0
Orange (including navel orange)	● 0.5	1.0
Grapefruit	● 0.5	1.0
Lime	● 0.5	1.0
Other citrus fruits ¹³	● 0.5	1.0
Apple	● 0.3	0.5
Japanese pear	● 0.3	0.5

Commodity	MRL (draft) ppm	MRL (current) ppm
Pear	● 0.3	0.5
Quince	● 0.2	0.5
Loquat	● 0.02	0.5
Peach	● 0.02	0.5
Nectarine	● 0.3	0.5
Apricot	● 0.2	0.5
Japanese plum (including prune)	● 0.07	0.5
Mume plum	● 0.5	0.5
Cherry	● 0.2	0.5
Strawberry	● 0.2	0.5
Raspberry	● 0.3	0.5
Blackberry	● 0.1	0.5
Blueberry	● 0.3	0.5
Cranberry	●	0.5
Huckleberry	●	0.5
Other berries ¹⁴	●	0.5
Grape	○ 0.7	0.5
Japanese persimmon	● 0.3	0.5
Banana	●	0.5
Kiwifruit	● 0.03	0.5
Papaya	●	0.5
Avocado	●	0.5
Pineapple	●	0.5
Guava	●	0.5
Mango	●	0.5
Passion fruit	●	0.5
Date	●	0.5
Other fruits ¹⁵	○ 1	0.5
Sunflower seeds	● 0.05	0.5
Sesame seeds	●	0.5
Safflower seeds	●	0.5
Cotton seeds	● 0.04	0.5
Rapeseeds	● 0.2	0.5
Other oil seeds ¹⁶	● 0.2	0.5
Ginkgo nut	● 0.1	0.5
Chestnut	● 0.1	0.5
Pecan	● 0.1	0.5
Almond	● 0.1	0.5
Walnut	● 0.1	0.5
Other nuts ¹⁷	● 0.1	0.5
Tea	● 5	10
Coffee beans	●	2.0
Cacao beans	●	0.05
Hop	●	5.0
Other spices ¹⁸	○ 2	1

Commodity	MRL (draft) ppm	MRL (current) ppm
Other herbs ¹⁹	0.5	0.5
Cattle, muscle	○ 0.5	0.03
Pig, muscle	0.5	0.5
Other terrestrial mammals ²⁰ , muscle	○ 0.5	0.03
Cattle, fat	0.5	0.5
Pig, fat	0.5	0.5
Other terrestrial mammals, fat	0.5	0.5
Cattle, liver	0.05	0.05
Pig, liver	0.03	0.03
Other terrestrial mammals, liver	0.05	0.05
Cattle, kidney	0.05	0.05
Pig, kidney	0.03	0.03
Other terrestrial mammals, kidney	0.05	0.05
Cattle, edible offal ²¹	● 0.05	0.08
Pig, edible offal	○ 0.03	0.01
Other terrestrial mammals, edible offal	● 0.05	0.08
Milk	○ 0.05	0.03
Chicken, muscle	○ 0.1	0.03
Other poultry ²² , muscle	○ 0.1	0.04
Chicken, fat	○ 0.5	0.1
Other poultry, fat	○ 0.5	0.1
Chicken, liver	○ 0.05	0.02
Other poultry, liver	○ 0.05	0.02
Chicken, kidney	0.05	0.05
Other poultry, kidney	○ 0.05	0.02
Chicken, edible offal	○ 0.05	0.02
Other poultry, edible offal	○ 0.05	0.02
Chicken eggs	0.03	0.03
Other poultry, eggs	0.03	0.03
Salmoniformes (such as salmon and trout)	0.03	0.03
Anguilliformes (such as eel)	●	0.01
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)	●	0.01
Other fish	●	0.01
Wheat flour (limited to whole grain)	2	2
Wheat flour (except whole grain) ※	● /	0.3
Wheat bran ※	● /	5

● : Commodities for which MRLs are to be lowered or deleted.

○ : Commodities for which MRLs are to be increased or newly set.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* Shaded figures indicate provisional MRLs.

* Diagonal line means deletion of a food category to which an MRL applies.

Note: The residue definition will be changed to the sum of deltamethrin, tolalometrin, its metabolite CR [(*R*)- α -cyano-3-phenoxybenzyl=(1*R*, 3*R*)-3-(dibromovinyl)-2,2-dimethylcyclopropanecarboxylate] and CT [(*S*)- α -cyano-3-phenoxybenzyl=(1*S*, 3*S*)-3-(dibromovinyl)-2,2-dimethylcyclopropanecarboxylate], expressed as deltamethrin. The current residue definition is sum of deltamethrin and tralomethrin, expressed as deltamethrin.

✕Food categories "Wheat flour (except whole grain)" and "Wheat bran" will be deleted, and hereafter, MRL in their raw commodity (i.e. Wheat) will also apply to such processed commodities, respectively, taking into account their processing factors. For this substance, JMPR estimated processing factors of 0.91 for Wheat flour (except whole grain) and 3.3 for Wheat bran.

1. "Other cereal grains" refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.
2. including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya and white beans.
3. "Other pulses" refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry), and spices.
4. "Other potatoes" refers to all potatoes, except potato, taro, sweet potato, yam, and konjac.
5. "Other cruciferous vegetables" refers to all cruciferous vegetables, except Japanese radish roots and leaves (including radish), turnip roots and leaves, horseradish, watercress, Chinese cabbage, cabbage, brussels sprouts, kale, komatsuna (Japanese mustard spinach), kyona, qing-geng-cai, cauliflower, broccoli, and herbs.
6. "Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, shungiku, lettuce (including cos lettuce and leaf lettuce), and herbs.
7. "Other liliaceous vegetables" refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, nira, asparagus, multiplying onion, and herbs.
8. "Other umbelliferous vegetables" refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, mitsuba, spices, and herbs.
9. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimienta (sweet pepper), and egg plant.
10. "Other cucurbitaceous vegetables" refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons, and makuwauri melon.
11. "Other mushrooms" refers to all mushrooms, except button mushroom, and shiitake mushroom.
12. "Other vegetables" refers to all vegetables, except potatoes, sugar beet, sugarcane, cruciferous vegetables, composite vegetables, liliaceous vegetables, umbelliferous vegetables, solanaceous vegetables, cucurbitaceous vegetables, spinach, bamboo shoots, okra, ginger, peas (with pods, immature), kidney beans (with pods, immature), green soybeans, mushrooms, spices, and herbs.
13. "Other citrus fruits" refers to all citrus fruits, except unshu orange (pulp), citrus natsudaikai (pulp), citrus natsudaikai (peel), citrus natsudaikai (whole), lemon, orange (including navel orange), grapefruit, lime, and spices.
14. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.
15. "Other fruits" refers to all fruits, except citrus fruits, apple, Japanese pear, pear, quince, loquat, peach, nectarine, apricot, Japanese plum (including prune), mume plum, cherry, berries, grape, Japanese persimmon, banana, kiwifruit, papaya, avocado, pineapple, guava, mango, passion fruit, date and spices.
16. "Other oil seeds" refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.
17. "Other nuts" refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.

18. "Other spices" refers to all spices, except horseradish, wasabi (Japanese horseradish) rhizomes, garlic, peppers chili, paprika, ginger, lemon peels, orange peels (including navel orange), yuzu (Chinese citron) peels and sesame seeds.
19. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
20. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
21. "Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney.
22. "Other poultry animals" refers to all poultry, except chicken.