

Spirotetramat

Commodity	MRL (renewed) ppm	MRL (previous) ppm
Corn (maize, including pop corn and sweet corn)	2	2
Soybeans, dry	5	5
Beans, dry ¹	3	3
Peas	3	3
Broad beans	3	3
Other pulses ²	3	3
Potato	1	1
Taro	0.6	0.6
Sweet potato	0.6	0.6
Yam	0.6	0.6
Other potatoes ³	0.6	0.6
Sugar beet	○ 0.1	
Japanese radish, roots (including radish)	○ 0.05	
Japanese radish, leaves (including radish)	7	7
Turnip, roots (including rutabaga)	○ 0.05	
Turnip, leaves (including rutabaga)	7	7
Horseradish	○ 0.05	
Watercress	7	7
Chinese cabbage	7	7
Cabbage	7	7
Brussels sprouts	1	1
Kale	7	7
Komatsuna (Japanese mustard spinach)	7	7
Kyona	7	7
Qing-geng-cai	7	7
Cauliflower	7	7
Broccoli	7	7
Other cruciferous vegetables ⁴	7	7
Salsify	○ 0.05	
Artichoke	1	1
Chicory	7	7
Endive	7	7
Shungiku	7	7
Lettuce (including cos lettuce and leaf lettuce)	○ 15	7
Other composite vegetables ⁵	7	7
Onion	0.8	0.8
Welsh (including leek)	0.8	0.8
Garlic	0.8	0.8
Nira	0.8	0.8
Asparagus	1	1
Other liliaceous vegetables ⁶	0.8	0.8
Carrot	○ 0.05	
Parsley	5	5

Commodity	MRL (renewed) ppm	MRL (previous) ppm
Celery	5	5
Other umbelliferous vegetables ⁷	5	5
Tomato	3	3
Pimiento (sweet pepper)	10	10
Egg plant	2	2
Other solanaceous vegetables ⁸	10	10
Cucumber (including gherkin)	2	2
Pumpkin (including squash)	2	2
Oriental pickling melon (vegetable)	0.2	0.2
Water melon	0.1	0.1
Melons	0.1	0.1
Makuwauri melon	0.03	0.03
Other cucurbitaceous vegetables ⁹	7	7
Spinach	7	7
Okra	1	1
Ginger	0.6	0.6
Peas, immature (with pods)	3	3
Kidney beans, immature (with pods)	3	3
Green soybeans	3	3
Other vegetables ¹⁰	7	7
Unshu orange, pulp	0.4	0.4
Citrus natsudaidai, whole	1	1
Lemon	○ 3	1
Orange (including navel orange)	○ 3	1
Grapefruit	○ 3	1
Lime	○ 3	1
Other citrus fruits ¹¹	○ 3	1
Apple	0.7	0.7
Japanese pear	0.7	0.7
Pear	0.7	0.7
Quince	0.7	0.7
Loquat	0.7	0.7
Peach	1	1
Nectarine	3	3
Apricot	3	3
Japanese plum (including prune)	5	5
Mume plum	3	3
Cherry	○ 5	3
Strawberry	10	10
Blueberry	3	3
Cranberry	3	3
Huckleberry	3	3
Other berries ¹²	3	3
Grape	○ 5	2
Japanese persimmon	3	3

Commodity	MRL (renewed) ppm	MRL (previous) ppm
Banana	4	4
Papaya	● 0.4	3
Avocado	0.6	0.6
Pineapple	0.3	0.3
Guava	3	3
Mango	0.3	0.3
Passion fruit	3	3
Other fruits ¹³	15	15
Cotton seeds	● 0.7	1
Ginkgo nut	0.5	0.5
Chestnut	0.5	0.5
Pecan	0.5	0.5
Almond	0.5	0.5
Walnut	0.5	0.5
Other nuts ¹⁴	0.5	0.5
Coffee beans	0.2	0.2
Hop	15	15
Other spices ¹⁵	○ 15	7
Other herbs ¹⁶	○ 15	7
Cattle, muscle	○ 0.05	0.02
Pig, muscle	○ 0.05	0.02
Other terrestrial mammals ¹⁷ , muscle	○ 0.05	0.02
Cattle, fat	○ 0.08	0.02
Pig, fat	○ 0.08	0.02
Other terrestrial mammals, fat	○ 0.08	0.02
Cattle, liver	○ 1	0.02
Pig, liver	○ 1	0.02
Other terrestrial mammals, liver	○ 1	0.02
Cattle, kidney	○ 1	0.2
Pig, kidney	○ 1	0.02
Other terrestrial mammals, kidney	○ 1	0.2
Cattle, edible offal ¹⁸	○ 1	0.2
Pig, edible offal	○ 1	0.02
Other terrestrial mammals, edible offal	○ 1	0.2
Milk	0.01	

● : Commodities for which MRLs are lowered. These MRL are to be taken effect on 27 December 2019.

○ : Commodities for which MRLs are increased. These MRL have been taken effect on 27 June 2019.

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

Note: The residue definition is sum of spirotetramat and metabolite M1 [cis-3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one], expressed as spirotetramat.

1. "Beans, dry" including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya and white beans.
2. "Other pulses" refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry), and spices.
3. "Other potatoes" refers to all potatoes, except potato, taro, sweet potato, yam, and konjac.
4. "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.
5. "Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, shungiku, lettuce (including cos lettuce and leaf lettuce), and herbs.
6. "Other liliaceous vegetables" refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, nira, asparagus, multiplying onion, and herbs.
7. "Other umbelliferous vegetables" refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, mitsuba, spices, and herbs.
8. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimienta (sweet pepper), and egg plant.
9. "Other cucurbitaceous vegetables" refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons, and makuwauri melon.
10. "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.
11. "Other citrus fruits" refers to all citrus fruits, except unshu orange (pulp), citrus natsudaidai (pulp), citrus natsudaidai (peel), citrus natsudaidai (whole), lemon, orange (including navel orange), grapefruit, lime, and spices.
12. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.
13. "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.
14. "Other nuts" refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.
15. "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.
16. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
17. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
18. "Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney.