

## Metalaxyl and Metalaxyl-M

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)	0.1	0.1
Wheat	0.05	0.05
Barley	0.05	0.05
Rye	0.05	0.05
Corn (maize, including pop corn and sweet corn)	0.05	0.05
Buckwheat	0.05	0.05
Other cereal grains <sup>1</sup>	0.05	0.05
Soybeans, dry	0.05	0.05
Beans, dry <sup>2</sup>	0.2	0.2
Peas	0.2	0.2
Peanuts, dry	0.1	0.1
Other pulses <sup>3</sup>	0.2	0.2
Potato	0.3	0.3
Yam	0.4	0.4
Konjac	0.3	0.3
Sugar beet	0.05	0.05
Sugarcane	0.05	0.05
Japanese radish, roots (including radish)	0.2	0.2
Japanese radish, leaves (including radish)	2	2
Turnip, roots (including rutabaga)	0.3	0.3
Turnip, leaves (including rutabaga)	0.3	0.3
Horseradish	0.2	0.2
Chinese cabbage	0.3	0.3
Cabbage	0.5	0.5
Brussels sprouts	0.2	0.2
Komatsuna(Japanese mustard spinach)	1	1
Kyona	3	3
Qing-geng-cai	2	2
Cauliflower	0.5	0.5
Broccoli	0.5	0.5
Other cruciferous vegetables <sup>4</sup>	0.7	0.7
Burdock	0.05	0.05
Shungiku	4	4
Lettuce (including cos lettuce and leaf lettuce)	2	2
Other composite vegetables <sup>5</sup>	4	4
Onion	2	2
Welsh (including leek)	0.2	0.2
Garlic	○ 3	0.5
Asparagus	○ 0.2	0.05
Multiplying onion (including shallot)	0.2	0.2
Other liliaceous vegetables <sup>6</sup>	0.3	0.3
Carrot	0.4	0.4
Parsley	2	2

Commodity	MRL (draft) ppm	MRL (current) ppm
Celery	4	4
Mitsuba	2	2
Other umbelliferous vegetables <sup>7</sup>	1	1
Tomato	2	2
Pimiento (sweet pepper)	2	2
Egg plant	1	1
Other solanaceous vegetables <sup>8</sup>	1	1
Cucumber (including gherkin)	1	1
Pumpkin (including squash)	0.2	0.2
Water melon	● 0.1	0.2
Melons	0.7	0.7
Spinach	2	2
Okra	1	1
Ginger	1	1
Peas, immature (with pods)	0.2	0.2
Kidney beans, immature (with pods)	0.2	0.2
Green soybeans	0.2	0.2
Other vegetables <sup>9</sup>	3	3
Unshu orange, pulp	0.2	0.2
Lemon	0.7	0.7
Orange (including navel orange)	0.7	0.7
Grapefruit	0.7	0.7
Lime	0.7	0.7
Other citrus fruits <sup>10</sup>	0.7	0.7
Apple	0.2	0.2
Japanese pear	0.2	0.2
Pear	0.2	0.2
Quince	0.2	0.2
Loquat	0.2	0.2
Peach	0.2	0.2
Nectarine	0.2	0.2
Apricot	0.2	0.2
Japanese plum (including prune)	0.2	0.2
Cherry	0.2	0.2
Strawberry	7	7
Raspberry	0.2	0.2
Blackberry	○ 0.7	0.2
Blueberry	2	2
Other berries <sup>11</sup>	○ 0.7	0.2
Grape	1	1
Avocado	0.2	0.2
Passion fruit	●	0.2
Sunflower seeds	0.05	0.05
Cotton seeds	0.05	0.05
Almond	0.4	0.4

Commodity	MRL (draft) ppm	MRL (current) ppm
Walnut	0.4	0.4
Cacao beans (except hulls)	0.2	0.2
Hop	10	10
Other spices (except seeds) ※1	●	5
Other spices <sup>12</sup>	○ 5	5
Other herbs <sup>13</sup>	2	2
Cattle, muscle	○ 0.05	0.02
Pig, muscle	○ 0.05	0.02
Other terrestrial mammals <sup>14</sup> , muscle	○ 0.05	0.02
Cattle, fat	○ 0.05	0.02
Pig, fat	○ 0.05	0.02
Other terrestrial mammals, fat	○ 0.05	0.02
Cattle, liver	○ 0.3	0.1
Pig, liver	○ 0.3	0.1
Other terrestrial mammals, liver	○ 0.3	0.1
Cattle, kidney	○ 0.7	0.3
Pig, kidney	○ 0.7	0.3
Other terrestrial mammals, kidney	○ 0.7	0.3
Cattle, edible offal <sup>15</sup>	○ 0.7	0.02
Pig, edible offal	○ 0.7	0.02
Other terrestrial mammals, edible offal	○ 0.7	0.02
Milk	○ 0.01	
Chicken, muscle	○ 0.05	0.01
Other poultry <sup>16</sup> , muscle	○ 0.05	0.01
Chicken, fat	○ 0.05	0.01
Other poultry, fat	○ 0.05	0.01
Chicken, liver	○ 0.1	0.06
Other poultry, liver	○ 0.1	0.06
Chicken, kidney	● 0.1	0.2
Other poultry, kidney	● 0.1	0.2
Chicken, edible offal	○ 0.1	0.01
Other poultry, edible offal	○ 0.1	0.01
Chicken eggs	○ 0.05	0.01
Other poultry, eggs	○ 0.05	0.01
Fish	0.1	0.1
Pepper, dried ※2	●	10
Other spices, dried (limited to seeds) ※1	●	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.

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

Note: The residue definition for agricultural and aquatic products is metalaxyl (including metalaxyl-M) only. The residue definition for animal products will be changed to sum of metalaxyl (including metalaxyl-M) and its metabolites which are hydrolyzed to 2,6-dimethylaniline, expressed as metalaxyl. The current residue definition for animal products is sum of metalaxyl, mefenoxam (metalaxyl-M) and metabolite D [2-[(2,6-dimethylphenyl)-2-hydroxyacetyl]amino]propionate], express as metalaxyl and mefenoxam.

※1 Food categories “Other spices (except seeds)” and “Other spices, dried (limited to seeds)” will be abolished and integrated into “Other spices”, followed by the current food category system for MRLs for agricultural and veterinary chemicals in Japan.

※2 Food category “Pepper, dried” will be deleted, and hereafter, MRL in its raw commodity (i.e. other solanaceous vegetables) will also apply to such processed commodity, taking into account its processing factor. For this substance, JMPR estimated processing factor of 10 for “Pepper, dried”.

1. “Other cereal grains” refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.
2. “Beans, dry” 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 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, pimiento (sweet pepper), and egg plant.
9. “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.
10. “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.
11. “Other berries” refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.
12. “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.
13. “Other herbs” refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
14. “Other terrestrial mammals” refers to all terrestrial mammals, except cattle and pig.
15. “Edible offal” refers to all edible parts, except muscle, fat, liver, and kidney.
16. “Other poultry animals” refers to all poultry, except chicken.