

## Clethodim

Commodity	MRL (draft) ppm	MRL (current) ppm
Wheat	●	0.1
Barley	●	0.1
Corn (maize, including pop corn and sweet corn)	●	1
Soybeans, dry	10	10
Beans, dry <sup>1</sup>	○ 2	0.2
Peas	2	2
Broad beans	○ 2	0.1
Peanuts, dry	5	5
Other pulses <sup>2</sup>	○ 2	0.5
Potato	○ 1	0.2
Taro	●	1
Sweet potato	○ 1	0.2
Yam	1	1
Konjac	●	1
Other potatoes <sup>3</sup>	●	1
Sugar beet	0.1	0.1
Japanese radish, roots (including radish)	1	1
Japanese radish, leaves (including radish)	○ 1	0.9
Turnip, roots (including rutabaga)	●	1
Turnip, leaves (including rutabaga)	●	2
Horseradish	●	1
Watercress	●	1
Chinese cabbage	●	2
Cabbage	○ 0.3	0.2
Brussels sprouts	●	0.2
Kale	●	2
Komatsuna(Japanese mustard spinach)	●	2
Kyona	●	1
Qing-geng-cai	●	3
Cauliflower	●	2
Broccoli	●	2
Other cruciferous vegetables <sup>4</sup>	●	2
Burdock	●	1
Salsify	●	1
Artichoke	●	1
Chicory	●	1
Endive	●	0.5
Shungiku	●	1
Lettuce (including cos lettuce and leaf lettuce)	●	0.1
Other composite vegetables <sup>5</sup>	●	1
Onion	0.5	0.5
Welsh (including leek)	● 0.2	1
Garlic	0.5	0.5

Commodity	MRL (draft) ppm	MRL (current) ppm
Nira	•	0.1
Asparagus	• 0.2	1
Multiplying onion (including shallot)	•	0.2
Other liliaceous vegetables <sup>6</sup>	•	0.1
Carrot	0.1	0.1
Parsnip	•	1
Parsley	•	0.1
Celery	•	0.1
Other umbelliferous vegetables <sup>7</sup>	•	1
Tomato	1	1
Pimiento (sweet pepper)	1	1
Egg plant	•	1
Other solanaceous vegetables <sup>8</sup>	•	1
Cucumber (including gherkin)	0.5	0.5
Pumpkin (including squash)	0.5	0.5
Oriental pickling melon (vegetable)	•	0.5
Water melon	•	1
Melons	•	1
Makuwauri melon	•	1
Other cucurbitaceous vegetables <sup>9</sup>	•	1
Spinach	•	1
Bamboo shoots	•	1
Okra	•	1
Ginger	•	1
Peas, immature (with pods)	•	0.6
Kidney beans, immature (with pods)	0.5	0.5
Green soybeans	• 2	6
Button mushroom	•	1
Shiitake mushroom	•	1
Other mushrooms <sup>10</sup>	•	1
Other vegetables <sup>11</sup>	0.5	0.5
Strawberry	•	2
Cranberry	0.5	0.5
Other fruits <sup>12</sup>	•	0.6
Sunflower seeds	○ 0.5	0.2
Cotton seeds	0.5	0.5
Rapeseeds	0.5	0.5
Other oil seeds <sup>13</sup>	•	0.2
Almond	•	0.5
Hop	○ 0.5	
Other spices <sup>14</sup>	•	1
Other herbs <sup>15</sup>	•	2
Cattle, muscle	0.2	0.2
Pig, muscle	0.2	0.2
Other terrestrial mammals <sup>16</sup> , muscle	0.2	0.2

Commodity	MRL (draft) ppm	MRL (current) ppm
Cattle, fat	0.2	0.2
Pig, fat	0.2	0.2
Other terrestrial mammals, fat	0.2	0.2
Cattle, liver	0.2	0.2
Pig, liver	0.2	0.2
Other terrestrial mammals, liver	0.2	0.2
Cattle, kidney	0.2	0.2
Pig, kidney	0.2	0.2
Other terrestrial mammals, kidney	0.2	0.2
Cattle, edible offal <sup>17</sup>	0.2	0.2
Pig, edible offal	0.2	0.2
Other terrestrial mammals, edible offal	0.2	0.2
Milk	0.05	0.05
Chicken, muscle	0.2	0.2
Other poultry <sup>18</sup> , muscle	0.2	0.2
Chicken, fat	0.2	0.2
Other poultry, fat	0.2	0.2
Chicken, liver	0.2	0.2
Other poultry, liver	0.2	0.2
Chicken, kidney	0.2	0.2
Other poultry, kidney	0.2	0.2
Chicken, edible offal	0.2	0.2
Other poultry, edible offal	0.2	0.2
Chicken eggs	0.05	0.05
Other poultry, eggs	0.05	0.05
Soybean oil, (limited to edible soybean oil that meets the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※1		0.5
Soybean oil (except edible soybean oil that meets the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※1		1
Sunflower oil (except refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※1		0.1
Cottonseed oil, (limited to refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※2		0.5
Cottonseed oil (except refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※2		0.5
Cottonseed oil	○ 0.5	

Commodity	MRL (draft) ppm	MRL (current) ppm
Rapeseed oils, (limited to refined rapeseed oil and rapeseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※3		0.5
Rapeseed oils, crude (except refined rapeseed oil and rapeseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※3		0.5
Rapeseed oils	○ 0.5	

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

○ : Commodities for which MRLs are to be increased or newly set. (\*It should be noted that the residue definition will be changed.)

\* 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.

※1: The current MRLs of 0.5 ppm in soybean oil and 0.1 ppm in sunflower oil will be deleted because MRLs of 10 ppm in soybeans and 0.5 ppm in sunflower seed will be set. MRLs in row agricultural commodities also apply to their processed commodities (including soybean oil and sunflower oil) taking into account the processing factors, unless specific MRLs are set in the processed commodities.

※2 "Cottonseed oil, (limited to refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)" and "Cottonseed oil (except refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)" will be integrated into "Cottonseed oil."

※3 "Rapeseed oils, (limited to refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)" and "Rapeseed oils (except refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)" will be integrated into "Rapeseed oils."

Note: The residue definition will be changed to "the sum of Clethodim and its metabolites which are oxidized with *m*-chloroperoxybenzoic acid to metabolite C [(±)-2-[(EZ)-1-[(E)-3-Chloroallyloxyimino]propyl]-5-[2-(ethylsulphonyl)propyl]-3-hydroxycyclohex-2-en] and metabolite O [(±)-2-[(EZ)-1-[(E)-3-hloroallyloxyimino] propyl]-5-[2- (ethylsulphonyl)propyl]-3,5-dihydroxycyclohex-2-en] , expressed as Clethodim."

The current residue definition is "sum of Clethodim, Clethodim sulfoxide and Clethodim sulfon, expressed as Clethodim."

1. 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, pimiento (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 mushrooms" refers to all mushrooms, except button mushroom, and shiitake mushroom.
11. "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.
12. "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.
13. "Other oil seeds" refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.
14. "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.
15. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
16. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
17. "Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney.
18. "Other poultry animals" refers to all poultry, except chicken.