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Report Highlights:

Japan proposed maximum residue limits (MRLs) for cyflumetofen, dimethomorph, flufenoxuron and dinotefuran. Japan notified the WTO on June 29, 2007.

Includes PSD Changes: No
Includes Trade Matrix: No
Trade Report
Tokyo [JA1]
[JA]

Executive Summary

On June 29, 2007 the Japanese Ministry of Health, Labour and Welfare (MHLW) proposed establishment of MRLs for cyflumetofen, dimethomorph, flufenoxuron and dinotefuran. The following is an unofficial translation of the notification that is open for comment within 60 days of circulation by the WTO Secretariat.

**Establishment of Maximum Residue Limits for the Pesticides
(Cyflumetofen, Dimethomorph, Flufenoxuron, Dinotefuran) in Food****Purpose**

This activity is to develop specifications and standards for foods. Under the provisions of Article 11, Paragraph 1 of the Food Sanitation Law, the Minister of Health, Labour, and Welfare may establish residue standards (maximum residue limits: MRLs) for pesticides, feed additives, and veterinary drugs (referred to as just "agricultural chemicals") that may remain in foods. Any food for which standards are established pursuant to the provisions is not permitted to be marketed unless such food complies with the established standards. On May 29, 2006, the Ministry of Health, Labour and Welfare introduced the positive list system for agricultural chemicals in food. Basically, all foods distributed in the Japanese marketplace are subject to regulation based on the system. Note: The positive list system was established based on the 2003 amendment of the Food Sanitation Law. The system aims to prohibit the distribution of any food in the Japanese marketplace if it contains agricultural chemicals at amounts exceeding certain levels specified under the Law.

Outline of the activity**<Pesticides>**

Cyflumetofen (acaricide) The chemical is not permitted for use in Japan. At this time the Ministry of Agriculture, Forestry and Fisheries will newly approve the chemical based on the Agricultural Chemicals Regulation Law. In response to MAFF's action, the MHLW has newly established MRLs for this chemical. For draft MRLs, see Attachment 1-1.

Dimethomorph (fungicide) This chemical is already permitted for use in Japan. MAFF will expand the scope of target crops for which the use of the chemical is permitted. In response to MAFF's action, the MHLW has reviewed the existing MRLs. The existing MRLs for this substance appear either in the Provisional MRLs List (Item 7, Section A "General Compositional Standards for Food," Part I "Food" in the Specifications and Standards for Food, Food Additives, Etc.) or in the MRLs List (Item 6, Section A). These MRLs have been modified as necessary. Finalized MRLs will be placed in the MRLs List in Item 6, and the MRLs currently placed in Item 7 will be deleted. For draft MRLs, see Attachment 1-2.

Flufenoxuron (insecticide) The chemical is already permitted for use in Japan. MAFF will expand the scope of target crops for which the use of the chemical is permitted. In response to MAFF's action, the MHLW has reviewed the existing MRLs. The existing MRLs for this substance appear either in the Provisional MRLs List or in the MRLs List. These MRLs have been modified as necessary. Finalized MRLs will be placed in MRLs List, and the MRLs currently placed in Item 7 will be deleted. For draft MRLs, see Attachment 1-3.

<Pesticide and veterinary drug >

Dinotefuran (insecticide) The chemical is already permitted for use in crops in Japan. MAFF will expand the scope of target crops for which the use of the chemical is permitted. In addition, MAFF will newly approve the use of the chemical as a veterinary drug. In response to MAFF's action, the MHLW has reviewed the existing MRLs. The existing MRLs for this

substance appear in the MRLs List only. These MRLs have been modified as necessary. For draft MRLs, see Attachment 1-4.

Attachment. 1-1**Cyflumetofen (Acaricide)**

(currently there are no MRLs for this chemical)

<u>Commodity</u>	<u>Draft MRL (ppm)</u>
Egg plant	5
Water melon	0.5
Melons	1
Unshu orange, pulp	0.5
Citrus natsudaikai , whole	5
Lemon	10
Orange (including navel orange)	10
Grapefruit	10
Lime	10
Other citrus fruits ¹³	10
Apple	3
Japanese pear	3
Pear	3
Peach	0.5
Cherry	10
Strawberry	10
Tea	20
Other spices ¹⁸	20

**Note: Blank spaces in any of these tables indicate that no MRL for that commodity will be established, and therefore the default tolerance of .01 ppm will apply.

Dimethomorph(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Parsley		2
Celery		2
Mitsuba		2
Other umbelliferous vegetables ⁸		2
Tomato	3	2
Pimiento (sweet pepper)	1.5	2
Egg plant	1.5	2
Other solanaceous vegetables ⁹	1.5	2
Cucumber (including gherkin)	0.7	2
Pumpkin (including squash)	1	2
Oriental pickling melon (vegetable)	0.5	2
Water melon	0.5	0.1
Melons	0.5	0.1
Makuraimelon melon	0.5	0.1
Other cucurbitaceous vegetables ¹⁰	0.5	2
Spinach		2
Green soybeans	10	
Other vegetables ¹¹		2
Loquat		0.1
Peach		0.1
Apricot		5
Japanese plum (including prune)		5
Mume plum		5
Cherry		5
Strawberry		5
Raspberry		5
Blackberry		5
Blueberry		5
Cranberry		5
Huckleberry		5
Other berries ¹⁴		5
Grape	5	5
Kiwifruit		0.1
Date		5
Other fruits ¹⁵	1.5	5
Other oil seeds ¹⁶		0.02
Hop	60	60

Dimethomorph(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Other spices ¹⁵	1.5	5
Other herbs ¹⁶	20	2
Cattle, muscle	0.01	0.01
Pig, muscle	0.01	0.01
Other terrestrial mammals ²⁰ , muscle	0.01	0.01
Cattle, fat	0.01	0.01
Pig, fat	0.01	0.01
Other terrestrial mammals, fat	0.01	0.01
Cattle, liver	0.01	0.01
Pig, liver	0.01	0.01
Other terrestrial mammals, liver	0.01	0.01
Cattle, kidney	0.01	0.01
Pig, kidney	0.01	0.01
Other terrestrial mammals, kidney	0.01	0.01
Cattle, edible offal ²¹	0.01	0.01
Pig, edible offal	0.01	0.01
Other terrestrial mammals, edible offal	0.01	0.01
Milk	0.01	0.01

Attachment: 1-3

Flufenoxuron(Pesticide)

Commodity	MRL (draft) ppm	Current MRL ppm
Rice (brown rice)		0.02
Wheat		0.02
Barley		0.02
Rye		0.02
Corn (maize)		0.02
Buckwheat		0.02
Other cereal grains ¹		0.02
Soybeans, dry	0.05	0.02
Beans, dry ²		0.2
Peas		0.2
Broad beans	0.2	0.2
Peanuts, dry		0.2
Other legumes/pulses ²		0.2
Potato		0.02
Taro		0.02
Sweet potato		0.02
Yam		0.02
Konjac		0.02
Other potatoes ⁴		0.02
Sugar beet	0.5	0.5
Sugarcane		0.02
Japanese radish, roots (including radish)	0.1	0.1
Japanese radish, leaves (including radish)	10	10
Turnip, roots		0.1
Turnip, leaves		10
Horseradish	0.05	0.1
Watercress		10
Chinese cabbage	0.5	0.5
Cabbage	0.5	0.5
Brussels sprouts	0.5	0.5
Kale		10
Komatsuna, Japanese mustard spinach	10	10
Kyona	10	10
Qing-geng-cai	5	10
Cauliflower		10
Broccoli	5	10
Other cruciferous vegetables ⁵	5	10

Flufenoxuron(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Burdock		0.1
Salsify		0.1
Artichoke		10
Chicory		10
Endive		10
<i>Shungiku</i>	10	10
Lettuce (including cos lettuce and leaf lettuce)	10	10
Other composite vegetables ⁶	2	10
Onion		0.02
Welsh (including leek)	10	10
Garlic		0.02
<i>Nira</i>		10
Asparagus	0.5	10
Multiplying onion	10	10
Other alliaceous vegetables ⁷		10
Carrot		0.1
Parsnip		0.1
Parsley	10	10
Celery	10	10
<i>Mitsuba</i>	10	10
Other umbelliferous vegetables ⁸		10
Tomato	0.5	0.5
Pimiento (sweet pepper)	1	2
Egg plant	2	2
Other solanaceous vegetables ⁹	3	2
Cucumber (including gherkin)	2	2
Pumpkin (including squash)	0.2	2
Oriental pickling melon (vegetable)	0.3	2
Watermelon	0.2	0.2
Melons	0.02	0.02
<i>Makurauri</i> melon		0.2
Other cucurbitaceous vegetables ¹⁰	0.5	2
Spinach	10	10
Bamboo shoots		0.1
Okra		2
Ginger		0.1
Peas, immature (with pods)	1	1
Kidney beans, immature (with pods)	1	1
Green soybeans	5	1

Flufenoxuron(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Button mushroom		0.02
Shiitake mushroom		0.02
Other mushrooms ¹¹	0.1	0.1
Other vegetables ¹²	10	10
Unshu orange, pulp	0.3	0.3
Citrus natsudaidai, whole	2	2
Lemon	2	2
Orange (including navel orange)	2	2
Grapefruit	2	2
Lime	2	2
Other citrus fruits ¹³	2	2
Apple	1	1
Japanese pear	0.5	0.5
Pear	0.5	0.5
Quince		1
Loquat		0.2
Peach	0.1	0.1
Nectarine	0.7	1
Apricot		2
Japanese plum (including prune)		2
Mume plum		2
Cherry	2	2
Strawberry	0.5	0.5
Raspberry		2
Blackberry		2
Blueberry		2
Cranberry		2
Huckleberry		2
Other berries ¹⁴		2
Grape	2	2
Japanese persimmon		1
Banana		1
Kiwifruit		0.2
Papaya		1
Avocado		1
Pineapple		1
Guava		1
Mango		1
Passion fruit		1
Date		2

Flufenoxuron(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Other fruits ¹⁵		2
Sunflower seeds		0.02
Sesame seeds		0.02
Safflower seeds		0.02
Cotton seeds	0.03	0.03
Rapeseeds		0.02
Other oil seeds ¹⁶		0.02
Ginkgo nut		0.02
Chestnut		0.02
Pecan		0.02
Almond		0.02
Walnut		0.02
Other nuts ¹⁷		0.02
Tea	15	15
Coffee beans		0.02
Cacao beans		0.02
Hop		0.02
Other spices ¹⁸	10	10
Other herbs ¹⁹	10	10

Attachment. 1-4

Dinotefuran(Pesticide)

Commodity	MRL (draft) ppm	Current MRL ppm
Rice (brown rice)	2	1
Soybeans, dry	0.1	0.1
Potato	0.2	0.2
Sugar beet	0.2	0.2
Japanese radish, roots (including radish)	0.5	0.5
Japanese radish, leaves (including radish)	3	3
Turnip, roots	0.5	0.2
Turnip, leaves	5	5
Watercress	5	5
Chinese cabbage	1.4	1.4
Cabbage	2	2
Brussels sprouts	1.4	1.4
Kale	5	5
<i>Komatsuna</i> , Japanese mustard spinach	5	5
<i>Kyona</i>	3	5
Qing-geng-cai	10	5
Cauliflower	2	2
Broccoli	2	2
Other cruciferous vegetables ⁵	5	5
Artichoke	5	5
Chicory	5	5
Endive	5	5
<i>Shungiku</i>	20	5
Lettuce (including cos lettuce and leaf lettuce)	5	5
Other composite vegetables ⁶	5	5
Welsh (including leek)	5	5
Other liliaceous vegetables ⁷	0.7	0.7
Carrot	0.7	0.2
Parsley	5	5
Celery	5	5
<i>Mitsuba</i>	5	5
Other umbelliferous vegetables ⁸	5	5
Tomato	2	2
Pimiento (sweet pepper)	3	3
Egg plant	2	2
Other solanaceous vegetables ⁹	5	5

Dinotefuran(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Cucumber (including gherkin)	2	2
Pumpkin (including squash)	0.5	0.5
Oriental pickling melon (vegetable)	2	2
Water melon	0.5	0.5
Melons	1	1
<i>Makuwauri</i> melon	0.5	0.5
Other cucurbitaceous vegetables ¹⁰	2	2
Spinach	15	5
Okra	2	
Peas, immature (with pods)	5	
Green soybeans	2	2
Other vegetables ¹²	5	5
<i>Unshu</i> orange, pulp	2	2
Citrus <i>natsudaidai</i> , whole	1	1
Lemon	3	3
Orange (including navel orange)	3	3
Grapefruit	3	3
Lime	3	3
Other citrus fruits ¹³	3	3
Apple	0.5	0.7
Japanese pear	1	1
Pear	1	1
Peach	3	3
Nectarine	2	2
Apricot	5	
Japanese plum (including prune)	0.5	10
Mume plum	5	5
Cherry	10	10
Strawberry	2	2
Grape	10	10
Japanese persimmon	2	2
Mango	1	
Other fruits ¹⁵	0.7	0.7
Cotton seeds	0.4	0.4
Tea	25	25

Dinotefuran(continued)

Commodity	MRL (draft) ppm	Current MRL ppm
<i>Unshu</i> orange, peel	10	10
Other spices (excluding <i>unshu</i> orange peel) ¹³	5	5
Other herbs ¹²	5	5
Cattle, muscle	0.05	0.05
Pig, muscle	0.05	0.05
Goat, muscle	0.05	0.05
Horse, muscle	0.05	0.05
Sheep, muscle	0.05	0.05
Cattle, fat	0.05	0.05
Pig, fat	0.05	0.05
Goat, fat	0.05	0.05
Horse, fat	0.05	0.05
Sheep, fat	0.05	0.05
Cattle, liver	0.05	0.05
Pig, liver	0.05	0.05
Goat, liver	0.05	0.05
Horse, liver	0.05	0.05
Sheep, liver	0.05	0.05
Cattle, kidney	0.05	0.05
Pig, kidney	0.05	0.05
Goat, kidney	0.05	0.05
Horse, kidney	0.05	0.05
Sheep, kidney	0.05	0.05
Cattle, edible offal ²¹	0.05	0.05
Pig, edible offal	0.05	0.05
Goat, edible offal	0.05	0.05
Horse, edible offal	0.05	0.05
Sheep, edible offal	0.05	0.05
Milk	0.05	0.05

Note:

The uniform limit (0.01 ppm) will be applied to commodities for which draft MRLs are not given. Some limits in the column of "MRL (draft)" remain unchanged from the current MRLs. Currently, an MRL of 0.02 ppm is set for some crops, instead of the uniform limit (0.01 ppm) because the determination limit of the applicable analytical method was 0.02 ppm at the time of standards setting. By this review, the uniform limit will be applied to these crops except for (excluding melons and dry soybeans) because the improved method has enabled the determination of flufenoxuron to the level of 0.01 ppm. For melons, the limit will remain unchanged, because it was originally set separately from the concept of uniform limit. For Soybeans, the limit was reviewed with residue data newly obtained.

1. "Other cereal grains" refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.
2. "Beans (dry)" includes butter beans, cowbeans (red beans), lentil, lima beans, pedia, sultani, sultapya, and white beans.
3. "Other legumes/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 *natsudaidai* (pulp), citrus *natsudaidai* (peel), citrus *natsudaidai* (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.

Attachment 2-1

Difloxacin (Synthetic Antibacterials)

Commodity	Draft MRL (ppm)	Current MRL (ppm)
Cattle, muscle	0.02	0.4
Pig, muscle		0.02
Terrestrial mammals other than above, muscle		0.4
Cattle, fat	0.02	0.1
Pig, fat		0.02
Terrestrial mammals other than above, fat		0.1
Cattle, liver	0.02	1
Pig, liver		0.02
Terrestrial mammals other than above, liver		1
Cattle, kidney	0.02	0.5
Pig, kidney		0.02
Terrestrial mammals other than above, kidney		0.5
Cattle, edible offal ^a	0.02	0.5
Pig, edible offal		0.02
Terrestrial mammals other than above, edible offal		0.5
Chicken, muscle		0.3
Poultry other than above, muscle		0.3
Chicken, fat		0.4
Poultry other than above, fat		0.4
Chicken, liver		2
Poultry other than above, liver		2
Chicken, kidney		0.6
Poultry other than above, kidney		0.6
Chicken, edible offal		0.6
Poultry other than above, edible offal		0.6
Salmoniformes		0.3
Anguilliformes		0.3
Perciformes		0.3
Fish other than above		0.3
Shelled molluscs		0.3
Crustaceans		0.3
Aquatic animals other than above		0.3

^a "Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney.

21. "Edible offal" refers to all edible offal, except muscle, fat, liver, and kidney.