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Japan Proposes New MLRs for Cyprodinil and Seven Other Substances

Report Categories:

Sanitary/Phytosanitary/Food Safety

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Report Highlights:

On November 8, 2013, the Government of Japan (GOJ) announced changes to the Maximum Residue Levels (MRLs) for 1,3-dichloropropene, Cyazofamid, Cyprodinil, Lufenuron, Mandipropamid, Molinate, Monensin, and Cefazolin. Although the comment periods for Japanese domestic stakeholders and the U.S. Government have already closed, Japan's Ministry of Health, Labor, and Welfare (MHLW) plans to notify the WTO-SPS committee in the near future, which will provide an additional opportunity for interested parties to comment.

General Information:

On November 8, 2013, GOJ announced changes to the MRLs for 1,3-dichloropropene, Cyazofamid, Cyprodinil, Lufenuron, Mandipropamid, Molinate, Monensin, and Cefazolin. Although the comment periods for Japanese domestic stakeholders and the U.S. Government have already closed, MHLW plans to notify the WTO-SPS committee in the near future (not yet officially announced at the time of this report), which will provide an additional opportunity for interested parties to comment on this subject.

Any parties wishing to submit comments to MHLW should plan to do so immediately after the WTO-SPS comment period begins. In the case of MRL changes, if you are requesting that Japan adopt the same limits as the U.S. maximum residue limits, the request should be accompanied by data supporting U.S. MRLs, such as risk assessment and crop residue data. MHLW also requires other information such as toxicity data for target chemicals, residue trial data that support the MRLs, and target food commodities. Please be advised that Limit of Quantitation (LOQ) and Limit of Detection (LOD) data cannot be used as reference data to set up Japanese MRLs. For more information on Japan's MRLs and information required by MHLW to allow for changes, please visit the following MRLs websites:

Pesticides: <http://www.mhlw.go.jp/english/topics/foodsafety/residue/dl/01.pdf>

Feed additives: <http://www.mhlw.go.jp/english/topics/foodsafety/residue/dl/02.pdf>

Veterinary drugs: <http://www.mhlw.go.jp/english/topics/foodsafety/residue/dl/03.pdf>

The actual WTO/SPS notifications can be found at the site below:

http://www.wto.org/english/tratop_e/sps_e/work_and_doc_e.htm

After the WTO comment period closes, MHLW will then release a final report based on the conclusions reached by a session of the Pharmaceutical Affairs and Food Sanitation Council scheduled to be held at a later date. The Council's report will constitute as GOJ's final decision.

Establishment of Maximum Residue Limits for Agricultural Chemicals in Food

GOJ plans to amend existing residue standards for several agricultural chemicals used in foods.

Summary

Under the provisions of Article 11, Paragraph 1 of the Food Sanitation Law, MHLW is authorized to establish residue standards (maximum residue limits -MRLs) for pesticides, feed additives, and veterinary drugs (hereafter referred to as just "chemicals") that may remain in foods. Any food for which standards are established pursuant to the provisions of the Food Sanitation Law is not permitted to be marketed in Japan unless it complies with the established standards.

On May 29, 2006, Japan introduced the Positive List System for agricultural chemicals in food* This regulation covers essentially all foods distributed in the Japanese marketplace.

MHLW comprehensively reviewed existing MRLs to modify those that were provisionally set at the introduction of the system and to set import tolerances in response to requests from overseas. In addition, MHLW has created new MRLs (draft) for some commodities. This specific action includes eight chemicals: six pesticides (1,3-Dichloropropene, Cyazofamid, Cyprodinil, Lufenuron, Mandipropamid, and Molinate), a veterinary drugs/feed additive (Monensin), and a veterinary drug (Cefazolin). Details are given below.

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 a certain level (0.01 ppm) specified under the Law.

Outline

Cyprodinil (fungicide): Permitted for use in Japan.

MHLW has established new MRLs for fish and shellfish in response to a request from the Ministry of Agriculture, Forestry and Fisheries (MAFF). MHLW has also established MRLs for this fungicide in other commodities in response to an international stakeholder which requested import tolerances to be based on the Guidelines for Application for Establishment and Revision of Maximum Residue Limits for Agricultural Chemicals Used outside Japan, i.e. the Import Tolerance, (Shokuan No. 0205001, 5 February 2004). In addition, the MHLW modified some MRLs that were provisionally set at the introduction of the new system.

Molinate (herbicide): Permitted for use in Japan.

MHLW established a new MRL for fish and shellfish in response to a MAFF request. In addition, MHLW modified some MRLs that were provisionally set at the introduction of the system.

Monensin (antibacterial): Permitted for use in Japan.

MHLW modified some MRLs that were provisionally set at the introduction of the system.

1,3-Dichloropropene (insecticide), Cyazofamid (fungicide), Lufenuron (insecticide), Mandipropamid (fungicide), Cefazolin (antibacterial): Permitted in Japan.

MHLW decided to retain or raise current MRLs for these five chemicals. At this time, there are no commodities for which MRLs will be lowered by this action.

Cyprodinil

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Wheat	○ 0.5	0.5	§ IT	0.5 3	0.5 EU
Barley	○ 3	2			
Rye	○ 0.5	0.5			
Corn (maize, including pop corn and sweet corn)	○ 0.5	0.5			
Buckwheat	○ 0.5	0.5			
Other cereal grains	○ 0.5	0.5			

Soybeans, dry	○	0.1	0.1				
Beans, dry	○	0.6	0.1	IT		0.6	USA
Peas	○	0.2	0.1	IT		0.2	EU
Broad beans	○	0.6	0.1	IT		0.6	USA
Other pulses	○	0.6	0.1	IT		0.6	USA
Japanese radish, leaves (including radish)	○	10	10			10	USA
Turnip, leaves (including rutabaga)	○	10	10			10	USA
Watercress	○	50	30			50	USA
Chinese cabbage	○	1	1			1	USA
Cabbage	○	1	1			1	USA
Brussels sprouts	○	1	1			1	USA
Kale	○	10	10			10	USA
Komatsuna(Japanese mustard spinach)	○	10	10			10	USA
Kyona	○	10	10			10	USA
Cauliflower	○	1	1			1	USA
Broccoli	○	1	1			1	USA
Other cruciferous vegetables	●	10	30			10	USA
Chicory	●	10	30			10	USA
Endive	○	50	30			50	USA
Shungiku	○	50	30			50	USA
Lettuce (including cos lettuce and leaf lettuce)	○	10	1	IT	10		
Other composite vegetables	○	50	30			50	USA
Onion	○	0.6	0.05	§ · IT	0.3	0.6	USA
Welsh (including leek)	○	4	4			4	USA
Other liliaceous vegetables	○	4	3			4	USA
Carrot	○	2	0.8			2	EU
Parsley	○	50	30			50	USA
Celery	○	30	30			30	USA
Other umbelliferous vegetables	○	30	30			30	USA
Tomato	○	0.5	0.5		0.5		
Pimiento (sweet pepper)	○	0.5	0.5		0.5		
Egg plant	○	0.5	0.5		0.2		
Other solanaceous vegetables	○	0.5	0.5				
Cucumber (including gherkin)	○	0.7	0.5	IT	0.2	0.7	USA
Pumpkin (including squash)	○	0.7	0.2		0.2	0.7	USA
Peas, immature (with pods)	○	2	0.6			2	EU
Kidney beans, immature (with pods)	○	0.5	0.5		0.5		
Green soybeans	○	2	0.6			2	EU
Other vegetables	○	2	0.5		0.5	2	Korea
Unshu orange, pulp	○	0.1	0.1	§			
Citrus natsudaidai, whole	●	1	5	§			
Lemon	●	3	5	§			
Orange (including navel orange)	●	3	5	§			
Grapefruit	●	3	5	§			
Lime	●	3	5	§			
Other citrus fruits	●	3	5	§			
Apple	○	5	5	§	0.05		
Japanese pear	○	5	5	§	1		

Pear	○	5	5	§	1		
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Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL		
			Presence (§) Absence (blank)	Codex ppm	National ppm	
Quince	○ 0.1	0.1				
Loquat	○ 0.1	0.1				
Peach	○ 2	2				
Nectarine	○ 2	2		2		
Apricot	○ 2	2		2		
Japanese plum (including prune)	○ 5	2	IT	5		
Mume plum	○ 2	2	§	2		
Cherry	○ 2	2		2		
Strawberry	○ 5	1	IT	2	5	USA
Raspberry	○ 10	2	IT	0.5	10	USA
Blackberry	○ 10	2	IT		10	USA
Blueberry	○ 5	3			5	USA
Huckleberry	○ 3	3			3	USA
Other berries	○ 10	10			10	USA
Grape	○ 5	5	§	3		
Japanese persimmon	●	5				
Banana	●	5				
Kiwifruit ※	○ 0.3		IT		1.8	USA
Papaya	● 1	5			1.2	USA
Avocado	● 1	5			1.2	USA
Pineapple	●	5				
Guava	●	5				
Mango	● 1	5			1.2	USA
Passion fruit	●	5				
Other fruits	● 2	3			2	USA
Rapeseeds	○ 0.03		IT		0.03	USA
Other oil seeds	●	3				
Almond	○ 0.02	0.02		0.02		
Other nuts	○ 0.1	0.1			0.1	USA
Other spices	● 15	30	§			
Other herbs	○ 50	30			50	USA
Cattle, muscle	○ 0.01	0.01		0.01		
Pig, muscle	○ 0.01	0.01		0.01		
Other terrestrial mammals, muscle	○ 0.01	0.01		0.01		
Cattle, fat	○ 0.01	0.01		0.01		
Pig, fat	○ 0.01	0.01		0.01		
Other terrestrial mammals, fat	○ 0.01	0.01		0.01		
Cattle, liver	○ 0.01	0.01		0.01		
Pig, liver	○ 0.01	0.01		0.01		
Other terrestrial mammals, liver	○ 0.01	0.01		0.01		
Cattle, kidney	○ 0.01	0.01		0.01		
Pig, kidney	○ 0.01	0.01		0.01		
Other terrestrial mammals,	○ 0.01	0.01		0.01		

kidney						
Cattle, edible offal	○	0.01	0.01		0.01	
Pig, edible offal	○	0.01	0.01		0.01	
Other terrestrial mammals, edible offal	○	0.01	0.01		0.01	
Milk	○	4E-04	0.0004		4E-04	
Chicken, muscle	○	0.01	0.01		0.01	
Other poultry animals, muscle	○	0.01	0.01		0.01	
Chicken, fat	○	0.01	0.01		0.01	
Other poultry animals, fat	○	0.01	0.01		0.01	
Chicken, liver	○	0.01	0.01		0.01	
Other poultry animals, liver	○	0.01	0.01		0.01	
Chicken, kidney	○	0.01	0.01		0.01	
Other poultry animals, kidney	○	0.01	0.01		0.01	
Chicken, edible offal	○	0.01	0.01		0.01	
Other poultry animals, edible offal	○	0.01	0.01		0.01	

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Chicken, eggs	○ 0.01	0.01		0.01	
Other poultry, eggs	○ 0.01	0.01		0.01	
Fish	○ 0.03	0.0004	Request		
Honey (including royal-jelly)	○	0.0004			
Wheat bran	○ 2	2		2	
Plum, dried	●	5			
Raisin	○ 5	5		5	

Note: The residue definition is Cyprodinil only.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

※ The MRL for kiwi fruits was derived by multiplying the US limit by 0.125 (EU edible portion factor: the ratio of the residue in the pulp portion to the residue in the whole)

● : Commodities for which MRLs will be lowered

○ : Commodities for which MRLs will be retained or increased

§ : Permitted for use in Japan.

Request: The MRL was modified in response to MAFF request

IT: Import tolerance

Molinate

Commodity	MRL (draft)	MRL (current)	Registration	Reference MRL	
			Presence (§)	Codex	National

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

Welsh (including leek)	•	0.02			
Garlic	•	0.02			
Nira	•	0.02			
Asparagus	•	0.02			
Multiplying onion (including shallot)	•	0.02			
Other liliaceous vegetables	•	0.02			
Carrot	•	0.02			
Parsnip	•	0.02			
Parsley	•	0.02			

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Celery	•	0.02			
Mitsuba	•	0.02			
Other umbelliferous vegetables	•	0.02			
Tomato	•	0.02			
Pimiento (sweet pepper)	•	0.02			
Egg plant	•	0.02			
Other solanaceous vegetables	•	0.02			
Cucumber (including gherkin)	•	0.02			
Pumpkin (including squash)	•	0.02			
Oriental pickling melon (vegetable)	•	0.02			
Water melon	•	0.02			
Melons	•	0.02			
Makuwauri melon	•	0.02			
Other cucurbitaceous vegetables	•	0.02			
Spinach	•	0.02			
Bamboo shoots	•	0.02			
Okra	•	0.02			
Ginger	•	0.02			
Peas, immature (with pods)	•	0.02			
Kidney beans, immature (with pods)	•	0.02			
Green soybeans	•	0.02			
Button mushroom	•	0.02			
Shiitake mushroom	•	0.02			
Other mushrooms	•	0.02			
Other vegetables	•	0.02			
Unshu orange, pulp	•	0.02			
Citrus natsudaidai, whole	•	0.02			
Lemon	•	0.02			
Orange (including navel orange)	•	0.02			
Grapefruit	•	0.02			
Lime	•	0.02			
Other citrus fruits	•	0.02			
Apple	•	0.02			
Japanese pear	•	0.02			
Pear	•	0.02			
Quince	•	0.02			
Loquat	•	0.02			

Peach	•	0.02			
Nectarine	•	0.02			
Apricot	•	0.02			
Japanese plum (including prune)	•	0.02			
Mume plum	•	0.02			
Cherry	•	0.02			
Strawberry	•	0.02			
Raspberry	•	0.02			
Blackberry	•	0.02			
Blueberry	•	0.02			
Cranberry	•	0.02			
Huckleberry	•	0.02			
Other berries	•	0.02			
Grape	•	0.02			
Japanese persimmon	•	0.02			
Banana	•	0.02			
Kiwifruit	•	0.02			
Papaya	•	0.02			
Avocado	•	0.02			
Pineapple	•	0.02			

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Guava	•	0.02			
Mango	•	0.02			
Passion fruit	•	0.02			
Date	•	0.02			
Other fruits	•	0.02			
Sunflower seeds	•	0.02			
Sesame seeds	•	0.02			
Safflower seeds	•	0.02			
Cotton seeds	•	0.02			
Rapeseeds	•	0.02			
Other oil seeds	•	0.02			
Ginkgo nut	•	0.02			
Chestnut	•	0.02			
Pecan	•	0.02			
Almond	•	0.02			
Walnut	•	0.02			
Other nuts	•	0.02			
Tea	•	0.02			
Coffee beans	•	0.02			
Cacao beans	•	0.02			
Hop	•	0.02			
Other spices	•	0.02			
Other herbs	•	0.02			
Fish	○ 0.5		Request		
Mineral waters	○ 0.01	0.006		※0.006	

Note: The residue definition is Molinate only.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

※ The MRL for mineral water was based on the WHO Guidelines for drinking-water quality.

● : Commodities for which MRLs will be lowered

○ : Commodities for which MRLs will be retained or increased

§ : Permitted for use in Japan.

Request: The MRL was modified in response to MAFF request

Monensin

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Cattle, muscle	● 0.01	0.05	§	0.01	
Pig, muscle	●	0.05			
Other terrestrial mammals, muscle	● 0.01	0.05		0.01	
Cattle, fat	○ 0.1	0.05	§	0.1	
Pig, fat	●	0.05			
Other terrestrial mammals, fat	○ 0.1	0.05		0.1	
Cattle, liver	○ 0.1	0.05	§	0.1	
Pig, liver	●	0.05			
Other terrestrial mammals, liver	● 0.02	0.05		0.02	
Cattle, kidney	● 0.01	0.05	§	0.01	
Pig, kidney	●	0.05			
Other terrestrial mammals, kidney	● 0.01	0.05		0.01	
Cattle, edible offal	○ 0.1	0.05	§		
Pig, edible offal	●	0.05			
Other terrestrial mammals, edible offal	● 0.02	0.05			
Milk	● 0.002	0.01	§	0.002	
Chicken, muscle	● 0.01	0.5	§	0.01	
Other poultry animals, muscle	● 0.01	0.5	§	0.01	
Chicken, fat	● 0.1	0.5	§	0.1	
Other poultry animals, fat	● 0.1	0.5	§	0.1	
Chicken, liver	● 0.01	0.5	§	0.01	
Other poultry animals, liver	● 0.01	0.5	§	0.01	
Chicken, kidney	● 0.01	0.5	§	0.01	
Other poultry animals, kidney	● 0.01	0.5	§	0.01	
Chicken, edible offal	● 0.01	0.5	§	0.01	
Other poultry animals, edible offal	● 0.01	0.5	§	0.01	

Note: The residue definition is Monensin A only.

* The compound shall not be included in any commodity for which the MRL is not given in the above table and in any commodity not listed above.

* Shaded figures indicate provisional MRLs.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

● : Commodities for which MRLs will be lowered

○ : Commodities for which MRLs will be retained or increased

§ : Permitted for use in Japan.

1,3-dichloropropene

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Soybeans, dry	○ 0.01		Request		
Peanuts, dry	○ 0.01		Request		
Potato	○ 0.01		Request		
Taro	○ 0.01		Request		
Sweet potato	○ 0.01		Request		
Yam	○ 0.01		Request		
Konjac	○ 0.01		Request		
Sugar beet	○ 0.01		Request		
Japanese radish, roots (including radish)	○ 0.01		Request		
Japanese radish, leaves (including radish)	○ 0.01		Request		
Turnip, roots (including rutabaga)	○ 0.01		Request		
Turnip, leaves (including rutabaga)	○ 0.01		Request		
Chinese cabbage	○ 0.01		Request		
Cabbage	○ 0.01		Request		
Komatsuna(Japanese mustard spinach)	○ 0.01		Request		
Kyona	○ 0.01		Request		
Qing-geng-cai	○ 0.01		Request		
Burdock	○ 0.01		Request		
Lettuce (including cos lettuce and leaf lettuce)	○ 0.01		Request		
Other composite vegetables	○ 0.01		Request		
Onion	○ 0.01		Request		
Welsh (including leek)	○ 0.01		Request		
Garlic	○ 0.01		Request		
Nira	○ 0.01		Request		
Multiplying onion (including shallot)	○ 0.01		Request		
Other liliaceous vegetables	○ 0.01		Request		
Carrot	○ 0.01		Request		
Parsley	○ 0.01		Request		
Celery	○ 0.01		Request		
Mitsuba	○ 0.01		Request		
Tomato	○ 0.01		Request		
Pimiento (sweet pepper)	○ 0.01		Request		
Egg plant	○ 0.01		Request		
Other solanaceous vegetables	○ 0.01		Request		
Cucumber (including gherkin)	○ 0.01		Request		

Pumpkin (including squash)	○	0.01		Request			
Oriental pickling melon (vegetable)	○	0.01		Request			
Water melon	○	0.01		Request			
Melons	○	0.01		Request			
Makuwauri melon	○	0.01		Request			
Other cucurbitaceous vegetables	○	0.01		Request			
Spinach	○	0.01		Request			
Okra	○	0.01		Request			
Ginger	○	0.01		Request			
Kidney beans, immature (with pods)	○	0.01		Request			
Green soybeans	○	0.01		Request			
Other vegetables	○	0.01		Request			
Strawberry	○	0.01		Request			
Other herbs	○	0.01		Request			
Mineral waters	○	0.02	0.02		※0.02		

MRLs for 1,3-dichloropropene are established for the sum of residues of (E)1,3-dichloropropene and (Z)-1,3-dichloropropene.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

※ The MRL for mineral water was based on the WHO Guidelines for drinking-water quality.

○: Commodities for which MRLs will be retained or increased

Request: The MRL was modified in response to MAFF request

Cyazofamid

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Wheat	○ 0.05	0.05	§		
Soybeans, dry	○ 0.3	0.3	§		
Beans, dry	○ 0.1	0.1	§		
Potato	○ 0.05	0.05	§		
Konjac	○ 0.3	0.2	§ · Request		
Japanese radish, roots (including radish)	○ 0.3	0.3	§		
Japanese radish, leaves (including radish)	○ 25	25	§		
Turnip, roots (including rutabaga)	○ 0.3	0.3	§		
Turnip, leaves (including rutabaga)	○ 20	20	§		
Chinese cabbage	○ 2	2	§		
Cabbage	○ 0.7	0.7	§		
Kale	○ 15	15	§		
Komatsuna(Japanese mustard spinach)	○ 15	15	§		
Kyona	○ 10	10	§		
Qing-geng-cai	○ 3	3	§		
Broccoli	○ 1	1	§		

Other cruciferous vegetables	○	20	20	§			
Lettuce (including cos lettuce and leaf lettuce)	○	10	10	§			
Onion	○	0.05	0.05	§			
Welsh (including leek)	○	2	2	§			
Multiplying onion (including shallot)	○	5	5	§			
Other liliaceous vegetables	○	3	3	§			
Carrot	○	0.09	0.09			0.09	USA
Mitsuba	○	10	10	§			
Tomato	○	2	2	§			
Pimiento (sweet pepper)	○	1	1	§			
Egg plant	○	0.5	0.5	§			
Other solanaceous vegetables	○	2	2	§			
Cucumber (including gherkin)	○	0.7	0.7	§			
Pumpkin (including squash)	○	0.7	0.5	§ · Request			
Oriental pickling melon (vegetable)	○	0.1	0.1				
Water melon	○	0.05	0.05	§			
Melons	○	0.05	0.05	§			
Makuwauri melon	○	0.1	0.1				
Other cucurbitaceous vegetables	○	0.1	0.1	§			
Spinach	○	25	25	§			
Ginger	○	3	3	§			
Green soybeans	○	5	5	§			
Other vegetables	○	10	10	§			
Unshu orange, pulp	○	0.7	0.7	§			
Citrus natsudaidai, whole	○	2	2	§			
Lemon	○	5	5	§			
Orange (including navel orange)	○	5	5	§			
Grapefruit	○	5	5	§			
Lime	○	5	5	§			
Other citrus fruits	○	5	5	§			
Peach	○	0.3	0.3	§			
Nectarine	○	1	1	§			
Strawberry	○	0.7	0.7	§			
Grape	○	10	10	§			
Papaya	○	0.5	0.5				
Other fruits	○	1	1	§			
Hop	○	10	10			10	USA
Other spices	○	10	10	§			
Other herbs	○	15	15	§			

Note: The residue definition is Cyazofamid only.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

○: Commodities for which MRLs will be retained or increased

§: Permitted for use in Japan.

Request: The MRL was modified in response to MAFF request

Lufenuron

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL		
			Presence (§) Absence (blank)	Codex ppm	National ppm	
Corn (maize, including pop corn and sweet corn)	0.05	0.05			0.05	EU
Soybeans, dry	0.05	0.05	§			
Potato	0.02		Request			
Sweet potato	0.02	0.02	§			
Sugar beet	0.2	0.2	§			
Japanese radish, roots (including radish)	0.02	0.02	§			
Japanese radish, leaves (including radish)	3	3	§			
Chinese cabbage	1	1	§			
Cabbage	0.7	0.7	§			
Brussels sprouts	0.5	0.5			0.5	EU
Kale	5		Request			
Komatsuna(Japanese mustard spinach)	5		Request			
Kyona	2		Request			
Qing-geng-cai	5		Request			
Broccoli	2	2	§			
Other cruciferous vegetables	5		Request			
Lettuce (including cos lettuce and leaf lettuce)	10	1	Request			
Welsh (including leek)	2	2	§			
Multiplying onion (including shallot)	1	1	§			
Tomato	0.5	0.5	§			
Pimiento (sweet pepper)	1	1	§			
Egg plant	0.5	0.5	§			
Other solanaceous vegetables	1	0.5	Request			
Cucumber (including gherkin)	0.3	0.3	§			
Water melon	0.02		Request			
Melons	0.02		Request			
Green soybeans	3	3	§			
Unshu orange, pulp	0.02	0.02	§			
Citrus natsudaidai, whole	0.3	0.3	§			
Lemon	0.3	0.3	§			
Orange (including navel orange)	0.3	0.3	§			
Grapefruit	0.3	0.3	§			
Lime	0.3	0.3	§			
Other citrus fruits	0.3	0.3	§			
Apple	0.7	0.7	§			
Japanese pear	0.5	0.5			0.5	EU
Pear	0.5	0.5			0.5	EU
Strawberry	1	1	§			
Grape	1	1			1	EU
Tea	10	10	§			
Other spices	3	3	§			
Other herbs	5		Request			

Cattle, muscle	○	0.1	0.1				
Pig, muscle	○	0.1	0.1				
Other terrestrial mammals, muscle	○	0.1	0.1				
Cattle, fat	○	0.3	0.3				
Pig, fat	○	0.3	0.3				
Other terrestrial mammals, fat	○	0.3	0.3				
Cattle, liver	○	0.02	0.02				
Pig, liver	○	0.02	0.02				
Other terrestrial mammals, liver	○	0.02	0.02				
Cattle, kidney	○	0.01	0.01				
Pig, kidney	○	0.01	0.01				
Other terrestrial mammals, kidney	○	0.01	0.01				
Cattle, edible offal	○	0.02	0.02				

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Pig, edible offal	○	0.02			
Other terrestrial mammals, edible offal	○	0.02			
Other poultry animals, muscle	○	0.01			
Other poultry animals, fat	○	0.2			
Other poultry animals, liver	○	0.03			
Other poultry animals, kidney	○	0.02			
Other poultry animals, edible offal	○	0.03			
Other poultry, eggs	○	0.3			

Note: The residue definition is Lufenuron only.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

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Request: The MRL was modified in response to MAFF request

Mandipropamid

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Soybeans, dry	○	0.2	§		
Beans, dry	○	0.1	§		
Potato	○	0.02	§	0.01	0.01 USA
Taro	○	0.01			0.01 USA
Sweet potato	○	0.01			0.01 USA
Yam	○	0.01			0.01 USA

Other potatoes	o	0.01	0.01			0.01	USA
Japanese radish, leaves (including radish)	o	25	25			25	
Turnip, leaves (including rutabaga)	o	25	25			25	
Watercress	o	25	25			25	
Chinese cabbage	o	25	5	§		25	
Cabbage	o	3	3	§		3	3 USA
Brussels sprouts	o	3	3				3 USA
Kale	o	25	25			25	
Komatsuna(Japanese mustard spinach)	o	25	25			25	
Kyona	o	25	25			25	
Qing-geng-cai	o	25	20			25	
Cauliflower	o	3	3				3 USA
Broccoli	o	5	3	§ • Request		2	3 USA
Other cruciferous vegetables	o	25	25			25	
Chicory	o	25	25			25	
Endive	o	25	25			25	
Shungiku	o	25	25			25	
Lettuce (including cos lettuce and leaf lettuce)	o	25	25	§		25	20 USA
Other composite vegetables	o	25	25			25	
Onion	o	0.1	0.1	§		0.1	0.05 USA
Welsh (including leek)	o	7	7	§			
Garlic	o	0.05	0.05				
Other liliaceous vegetables	o	7	3			7	
Parsley	o	20	20				20 USA
Celery	o	20	20			20	
Tomato	o	2	2	§		0.3	1 USA
Pimiento (sweet pepper)	o	2	2	§		1	1 USA
Egg plant	o	2	2	§			
Other solanaceous vegetables	o	25	25			25	
Cucumber (including gherkin)	o	0.3	0.3			0.2	0.6 USA
Pumpkin (including squash)	o	0.3	0.3			0.2	0.6 USA
Oriental pickling melon (vegetable)	o	0.3	0.3				
Water melon	o	0.3	0.3	§			
Melons	o	0.3	0.3				
Makuwauri melon	o	0.3	0.3				
Other cucurbitaceous vegetables	o	25	25			25	
Spinach	o	25	25	§		25	20 USA
Okra	o	1	1				1 USA
Ginger	o	0.01	0.01				0.01 USA
Other vegetables	o	25	25			25	
Unshu orange, pulp	o	0.3		Request			
Citrus natsudaidai, whole	o	3		Request			
Lemon	o	3		Request			
Orange (including navel orange)	o	3		Request			
Grapefruit	o	3		Request			
Lime	o	3		Request			
Other citrus fruits	o	3		Request			
Strawberry	o	5		Request			

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Grape	○ 3	3	§	2	
Other fruits	○ 1	1	§		
Hop	○ 50	50			50 USA
Other spices	○ 10		Request		
Other herbs	○ 25	20		25	
Raisin	○ 5	5		5	
Pepper, dried	○ 10	10		10	

Note: The residue definition is Mandipropamid only.

* 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.

* In the Commodity column, for the food categories to which the word other is added, refer to the Notes given in the last two pages of the Attachment.

○: Commodities for which MRLs will be retained or increased

§: Permitted for use in Japan.

Request: The MRL was modified in response to MAFF request

Cefazolin

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
			Presence (§) Absence (blank)	Codex ppm	National ppm
Cattle, muscle	○ 0.05	0.05	§		
Cattle, fat	○ 0.05	0.05	§		
Cattle, liver	○ 0.05	0.05	§		
Cattle, kidney	○ 0.05	0.05	§		
Cattle, edible offal	○ 0.05	0.05	§		
Milk	○ 0.05	0.05	§		0.05 EU

Note: The residue definition is Cefazolin only.

* The compound shall not be included in any commodity for which the MRL is not given in the above table and in any commodity not listed above.

* Shaded figures indicate provisional MRLs.

○: Commodities for which MRLs will be retained or increased

§: Permitted for use in Japan.