

Establishment of the Maximum Residue Limits for Agricultural and Veterinary Chemicals in Foods

The Food Sanitation Act authorizes the Ministry of Health, Labour and Welfare (MHLW) to establish residue standards (maximum residue limits, “MRLs”) for pesticides, feed additives, and veterinary drugs (hereafter referred to as “agricultural and veterinary chemicals”) that may remain in foods. Any food for which standards are established pursuant to the provisions in Article 13, Paragraph 1 of the act is not permitted to be marketed in Japan unless it complies with the established standards

On May 29, 2006, Japan introduced the Positive List System¹ for agricultural and veterinary chemicals in food. All foods distributed in the Japanese marketplace are subject to regulation of the system.

The MHLW is going to modify or newly set MRLs in some commodities for the following substances, including modification of MRLs on several Veterinary drugs in some commodities that were provisionally set at the introduction of the Positive List System:

Establishment of MRLs for Agricultural Chemicals in Food

Pesticides : MCPA, MCPB, Captan, Cyazofamid, Pyriofenone,

Fluoxastrobin, Procymidone, Mandestrobin,

Pesticides and Veterinary drugs : Cypermethrin

Veterinary drugs : Albendazole, Zeranol (α -zearalanol)

Establishment of MRLs for the following Agricultural chemicals in honey

Pesticides : Acynonapyr, Amisulbrom, Ametoctradin, Imazapyr, Oxathiapiprolin, Kasugamycin, Glyphosate, Chlorantraniliprole, Chlorfluazuron, Cyazofamid, Cyenopyrafen, Cyclaniliprol, Cyflufenamid, Cyflumetofen, Spinetoram, Zoxamide, Tetraniliprole, Picarbutrazox, Pyraziflumid, Pyriofenone, Pyroxasulfone, Fenpicoxamid, Fenhexamid, Fluoxastrobin, Fluxametamide, Flutianil, Flutolanil, Broflanilide, Prohexadione-calcium, Hexythiazox, Benthiavalicarb-isopropyl, Mandipropamid, Mandestrobin, Mesotrione, Metyltetraprole, Metrafenone, Mefentrifluconazole

Pesticides and Veterinary drugs : Etoxazole, Diflubenzuron, Spinosad

<The manner of submitting comments>

The Ministry of Health, Labour and Welfare (MHLW) will amend the existing standards and specifications for food as shown in this document. Please provide comments in writing by Friday July 30, 2021. After the given date, comments should be directed to the enquiry point in accordance with the WTO/SPS Agreement.

¹ The aim of the positive list system is to prohibit the distribution of any foods which contain agricultural chemicals at amounts exceeding a certain level (0.01 ppm) in the Japanese marketplace unless specific maximum residue limits (MRLs) have been set.

If you wish to request Japan to adopt the same limits as your country's MRLs, you are requested to submit data supporting your country's MRLs, such as risk assessment and residue data.

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Summary

Establishment of Maximum Residue Limits for Agricultural Chemicals in Food

MCPA (Pesticides: Herbicides): Permitted for use in Japan. The MHLW is going to establish MRL on fish in response to a requests for setting it by the Ministry of Agriculture, Forestry and Fisheries (MAFF). The MHLW is also going to establish MRL in one commodity in response to a request for setting import tolerances based on the Guideline for Application for Establishment and Revision of Maximum Residue Limits for Agricultural Chemicals Used outside Japan (Shokuan No. 0205001, 5 February 2004). In addition, certain MRLs are going to be modified in several commodities that were provisionally set at the introduction of the Positive List System.

MCPB (Pesticides: Herbicides, plant growth regulators): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to requests for setting MRLs by the MAFF with the intention to expand its use patterns. In addition, certain MRLs are going to be modified in several commodities that were provisionally set at the introduction of the Positive List System.

Captan, (Pesticides: Fungicides): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to requests for setting MRLs by the MAFF with the intention to expand its use patterns.

Cyazofamid (Pesticides: Fungicides): Permitted for use in Japan. The MHLW is going to establish MRL on one commodity in response to request for setting it by the MAFF with the intention to expand its use patterns. The action will not strengthen the current regulation for any commodities.

Pyriofenone (Pesticides: Fungicides): Permitted for use in Japan. The MHLW is going to establish MRL in one commodity in response to a request for setting it by the MAFF with the intention to expand its use pattern. The MHLW is also going to establish MRL in one commodity in response to a request for setting import tolerances based on the Guideline for Application for Establishment and Revision of Maximum Residue Limits for Agricultural Chemicals Used outside Japan (Shokuan No. 0205001, 5 February 2004). In addition, certain MRLs are going to be modified in several commodities that were provisionally set at the introduction of the Positive List System.

Fluoxastrobin (Pesticides: Fungicides): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to a requests for setting them by the MAFF with the intention to expand its use pattern. The MHLW is also going to establish MRLs in some commodities in response to requests for setting import tolerances based on the Guideline for Application for Establishment and Revision of Maximum Residue Limits for

Agricultural Chemicals Used outside Japan (Shokuan No. 0205001, 5 February 2004). The action will not strengthen the current regulation for any commodities.

Procymidone (Pesticides: Fungicides): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to a request for setting them by the MAFF with the intention to expand its use pattern. The action will not strengthen the current regulation for any commodities.

Mandestrobin (Pesticides: Insecticides): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to requests for setting them by the MAFF with the intention to expand its use pattern. The action will not strengthen the current regulation for any commodities.

Cypermethrin (Pesticides and Veterinary drugs: Insecticides): Permitted for use in Japan. The MHLW is going to establish MRLs on several commodities in response to requests for setting MRLs by the MAFF with the intention to expand its use patterns and also going to modify MRLs in some commodities that were provisionally set at the introduction of the Positive List System.

Albendazole (Veterinary drugs: Parasiticides): Not permitted for use in Japan. The MHLW is going to establish MRL in one commodity in response to that the Minister of Agriculture, Forestry and Fisheries asked the minister of Health, Labour and Welfare for comments about application for manufacture and sales approval as a veterinary drug, and modification of the application of this substance, under "Act on Securing Quality, Efficacy and Safety of Products Including Pharmaceuticals and Medical Devices". The action will not strengthen the current regulation for any commodities.

Zeranol (α -zearalanol) (Veterinary drugs: Synthetic hormones): Not permitted for use in Japan. The MHLW is going to modify some MRLs in several commodities that were provisionally set at the introduction of the Positive List System. The action will not strengthen the current regulation for any commodities.

Establishment of specific MRLs for Agricultural chemicals in the Natural honey

The MRLs will be set in consideration of risk assessment.

Note: There will be no revisions of the MRLs for the commodities other than natural honey on the chemicals below.

Acynonapyr (Pesticides: Acaricides), **Amisulbrom** (Pesticides: Fungicides),
Ametoctradin (Pesticides: Fungicides), **Imazapyr** (Pesticides: Herbicides),
Oxathiapiprolin (Pesticides: Fungicide),
Kasugamycin (Pesticides: Fungicides/Antibiotic),
Glyphosate (Pesticides: Herbicides),

Chlorantraniliprole (Pesticides: Insecticides),
Chlorfluazuron (Pesticides: Insecticides), **Cyazofamid** (Pesticides: Fungicides),
Cyenopyrafen (Pesticides: Acaricides), **Cyclaniliprol** (Pesticides: Insecticides),
Cyflufenamid (Pesticides: Fungicides), **Cyflumetofen** (Pesticides: Acaricides),
Spinetoram (Pesticides: Insecticides), **Zoxamide*** (Pesticides: Fungicides),
Tetraniliprole (Pesticides: Insecticides), **Picarbutrazox** (Pesticides: Fungicides),
Pyraziflumid (Pesticides: Fungicides), **Pyriofenone** (Pesticides: Fungicides),
Pyroxasulfone (Pesticides: Herbicides),
Fenpicoxamid* (Pesticides: Fungicides), **Fenhexamid** (Pesticides: Fungicides),
Fluoxastrobin (Pesticides: Fungicides),
Fluxametamide (Pesticides: Insecticides), **Flutianil** (Pesticides: Fungicides),
Flutolanil (Pesticides: fungicides), **Broflanilide** (Pesticides: Insecticides),
Prohexadione-calcium (Pesticides: Plant growth retardants),
Hexythiazox (Pesticides: Acaricides),
Benthiavalicarb-isopropyl (Pesticides: Fungicides),
Mandipropamid (Pesticides: Fungicides), **Mandestrobin** (Pesticides: Fungicides),
Mesotrione (Pesticides: Herbicides),
Metiltetraprole (Pesticides: Fungicides),
Metrafenone* (Pesticides: Fungicides),
Mefentrifluconazole* (Pesticides: Fungicides)

Etoxazole (Pesticides and Veterinary drugs: Insecticides • Acaricides),
Diflubenzuron (Pesticides and Veterinary drugs: Insecticides),
Spinosad (Pesticides and Veterinary drugs: Insecticides)

*: Not permitted for use in Japan

MCPA

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Rice (brown rice)	● 0.05	0.1	☐		
Wheat ※1	● 0.04	0.1	§	0.2	
Barley	○ 0.2	0.1	§	0.2	
Rye	○ 0.2	0.1	§	0.2	
Corn (maize, including pop corn and sweet corn)	● 0.05	0.1	§	0.01	
Buckwheat	●	0.02			
Other cereal grains	○ 0.2	0.1	§	0.2	
Soybeans, dry	●	0.1			
Beans, dry	●	0.1			
Peas	● 0.01	0.1		0.01	
Broad beans	●	0.1			
Peanuts, dry	●	0.1			
Other pulses	●	0.1			
Peas, immature (with pods)	●	0.1			
Kidney beans, immature (with pods)	●	0.1			
Green soybeans	●	0.1			
Other vegetables	●	0.1			
Unshu orange	/	/	☐		
Unshu orange (whole commodity)	○ 0.8	/	☐		
Citrus natsudaikai, whole	● 0.3	1	☐		
Lemon	1	1	☐		
Orange (including navel orange)	1	1	☐		
Grapefruit	1	1	☐		
Lime	1	1	☐		
Other citrus fruits	1	1	☐		
Apple	● 0.05	0.1	☐		
Japanese pear	○ 0.2		☐		
Pear	●	0.05			
Strawberry	●	0.05			
Grape	●	0.1			
Other oil seeds	● 0.01	0.1		0.01	
Tea	○ 0.06		IT		0.06 Sri Lanka
Other spices	○ 2	1	☐		
Other herbs	●	0.1			
Cattle, muscle	○ 0.1	0.08		0.1	
Pig, muscle	○ 0.1	0.08		0.1	
Other terrestrial mammals, muscle	○ 0.1	0.08		0.1	
Cattle, fat	○ 0.2	0.1		0.2	
Pig, fat	○ 0.2	0.1		0.2	
Other terrestrial mammals, fat	○ 0.2	0.1		0.2	
Cattle, liver	○ 3	0.08		3	
Pig, liver	○ 3	0.08		3	
Other terrestrial mammals, liver	○ 3	0.08		3	
Cattle, kidney	○ 3	0.08		3	
Pig, kidney	○ 3	0.08		3	
Other terrestrial mammals, kidney	○ 3	0.08		3	
Cattle, edible offal	○ 3	0.08		3	
Pig, edible offal	○ 3	0.08		3	
Other terrestrial mammals, edible offal	○ 3	0.08		3	
Milk	● 0.04	0.08		0.04	
Chicken, muscle	0.05	0.05		0.05	
Other poultry, muscle	0.05	0.05		0.05	

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Chicken, fat	0.05	0.05		0.05	
Other poultry, fat	0.05	0.05		0.05	
Chicken, liver	0.05	0.05		0.05	
Other poultry, liver	0.05	0.05		0.05	
Chicken, kidney	0.05	0.05		0.05	
Other poultry, kidney	0.05	0.05		0.05	
Chicken, edible offal	0.05	0.05		0.05	
Other poultry, edible offal	0.05	0.05		0.05	
Chicken eggs	0.05	0.05		0.05	
Other poultry, eggs	0.05	0.05		0.05	
Fish	○ 0.03		Request		
Mineral waters ※2	0.002	0.002		0.002	

The residue definition is sum of MCPA, its salts, its esters and its metabolites hydrolyzed to MCPA, expressed as MCPA. When MCPA is detected, and MCPB (including its salts and its esters) is detected, the standard specified for MCPB is applied for MCPB detected, and the standard for MCPA is not applied for MCPB detected. The current residue definition is MCPA including its ethylester, its sodium salt and its thioethylester (fenothiol).

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Shaded figures indicate provisional MRLs.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be lowered.

○ : Commodities for which MRLs are to be raised. (*It should be noted that the residue definition will be changed.)

§ : Permitted for use in Japan.

□ : Permitted for use of MCPB-ethyl in Japan

Request: Request for setting/revising MRL was made by the MAFF.

IT: Import tolerance application

※1 Although Codex has set MRL for wheat, the draft MRL is set based on the residue data from the domestic supervised residue trials because the dietary assessment would be beyond the tolerance level when Codex MRL is set.

※2 The MRL is set by the Guideline Value of the WHO Drinking-water Quality Guidelines (In the WHO Guideline of Drinking-water Quality for the purpose of maintaining and improving the quality of water by national regulatory agencies and drinking-water suppliers, Guideline Values are provided as the scientific rationale for drinking-water quality assessment, and the numerical values represent the concentration of a constituent that does not results in any significant risk to health over a lifetime of consumption.)

MCPB

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Rice (brown rice)	• 0.02	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	•	0.06			
Broad beans	•	0.02			
Other pulses	•	0.06			
Water melon	•	0.2			
Melons	•	0.2			
Makuwauri melon	•	0.2			
Peas, immature (with pods)	•	0.06			
Kidney beans, immature (with pods)	•	0.02			
Green soybeans	•	0.02			
Other vegetables	•	0.06			
Unshu orange, pulp	/	0.2	§		
Unshu orange (whole commodity)	○ 0.3	/	§ • Request		
Citrus natsudaikai, whole	○ 0.5	0.2	§ • Request		
Lemon	○ 0.5	0.2	§ • Request		
Orange (including navel orange)	○ 0.5	0.2	§ • Request		
Grapefruit	○ 0.5	0.2	§ • Request		
Lime	○ 0.5	0.2	§ • Request		
Other citrus fruits	○ 0.5	0.2	§ • Request		
Apple	• 0.05	0.2	§		
Japanese pear	• 0.05	0.2	§		
Pear	•	0.2			
Quince	•	0.2			
Loquat	•	0.2			
Peach	•	0.2			
Nectarine	•	0.2			
Apricot	•	0.2			
Japanese plum (including prune)	•	0.2			
Mume plum	•	0.2			
Cherry	•	0.2			
Strawberry	•	0.2			
Raspberry	•	0.2			
Blackberry	•	0.2			
Blueberry	•	0.2			
Cranberry	•	0.2			
Huckleberry	•	0.2			
Other berries	•	0.2			
Grape	•	0.2			
Japanese persimmon	•	0.2			
Banana	•	0.2			
Kiwifruit	•	0.2			
Papaya	•	0.2			
Avocado	•	0.2			

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Pineapple	•	0.2			
Guava	•	0.2			
Mango	•	0.2			
Passion fruit	•	0.2			
Date	•	0.2			
Other fruits	•	0.2			
Sunflower seeds	•	0.2			
Sesame seeds	•	0.2			
Safflower seeds	•	0.2			
Cotton seeds	•	0.2			
Rapeseeds	•	0.2			
Other oil seeds	•	0.2			
Ginkgo nut	•	0.2			
Chestnut	•	0.2			
Pecan	•	0.2			
Almond	•	0.2			
Walnut	•	0.2			
Other nuts	•	0.2			
Other spices	○ 2	0.2	§ • Request		
Other herbs	•	0.06			
Cattle, muscle	•	0.05			
Pig, muscle	•	0.05			
Other terrestrial mammals, muscle	•	0.05			
Cattle, fat	•	0.05			
Pig, fat	•	0.05			
Other terrestrial mammals, fat	•	0.05			
Cattle, liver	•	0.05			
Pig, liver	•	0.05			
Other terrestrial mammals, liver	•	0.05			
Cattle, kidney	•	0.05			
Pig, kidney	•	0.05			
Other terrestrial mammals, kidney	•	0.05			
Cattle, edible offal	•	0.05			
Pig, edible offal	•	0.05			
Other terrestrial mammals, edible offal	•	0.05			
Milk	•	0.05			
Chicken, muscle	•	0.05			
Other poultry, muscle	•	0.05			
Chicken, fat	•	0.05			
Other poultry, fat	•	0.05			
Chicken, liver	•	0.05			
Other poultry, liver	•	0.05			
Chicken, kidney	•	0.05			
Other poultry, kidney	•	0.05			
Chicken, edible offal	•	0.05			
Other poultry, edible offal	•	0.05			
Chicken eggs	•	0.05			
Other poultry, eggs	•	0.05			

The residue definition is sum of MCPB, its salts, its esters and its metabolites hydrolyzed to MCPB, expressed as MCPB-ethyl. Only when MCPB is detected, MRLs established for MCPB will be applied. When MCPA (including its metabolites hydrolyzed to MCPA) as metabolites of MCPB is detected, the standard specified for MCPA is applied for MCPA detected, and the standard for MCPB is not applied for MCPA detected.

The current residue definition is MCPB only.

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Shaded figures indicate provisional MRLs.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be lowered.

○ : Commodities for which MRLs are to be raised. (*It should be noted that the residue definition will be changed.)

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

Captan

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Wheat	2	2	§		
Corn (maize, including pop corn and sweet corn)	0.01	0.01	§		
Soybeans, dry	0.01	0.01	§		
Beans, dry	1	1	§		
Peas	0.01	0.01	§		
Broad beans	0.01	0.01	§		
Peanuts, dry	0.01	0.01	§		
Other pulses	0.01	0.01	§		
Potato	0.05	0.05		0.05	
Japanese radish, roots (including radish)	0.01	0.01	§		
Japanese radish, leaves (including radish)	0.01	0.01	§		
Turnip, roots (including rutabaga)	0.01	0.01	§		
Turnip, leaves (including rutabaga)	0.01	0.01	§		
Horseradish	0.05	0.05	§	0.05	
Watercress	0.01	0.01	§		
Chinese cabbage	2	2	§		
Cabbage	0.01	0.01	§		
Brussels sprouts	0.01	0.01	§		
Kale	0.01	0.01	§		
Komatsuna (Japanese mustard spinach)	0.01	0.01	§		
Kyona	0.01	0.01	§		
Qing-geng-cai	0.01	0.01	§		
Cauliflower	0.01	0.01	§		
Broccoli	0.01	0.01	§		
Other cruciferous vegetables	0.01	0.01	§		
Burdock	0.02	0.02	§		
Salsify	0.01	0.01	§		
Artichoke	0.01	0.01	§		
Chicory	0.01	0.01	§		
Endive	0.01	0.01	§		
Shungiku	0.01	0.01	§		
Lettuce (including cos lettuce and leaf lettuce)	1	1	§		
Other composite vegetables	0.05	0.05	§	0.05	
Onion	0.3	0.3	§		
Welsh (including leek)	2	2	§		
Garlic	0.01	0.01	§		
Nira	0.01	0.01	§		
Asparagus	0.01	0.01	§		
Multiplying onion (including shallot)	0.01	0.01	§		
Other liliaceous vegetables	5	5	§		
Carrot	0.01	0.01	§		
Parsnip	0.01	0.01	§		
Parsley	15	15	§		
Celery	15	15	§		
Mitsuba	15	15	§		
Other umbelliferous vegetables	15	15	§	0.05	

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Tomato	5	5	§	5	
Pimiento (sweet pepper)	0.02	0.02	§		
Egg plant	5	5	§		
Other solanaceous vegetables	0.05	0.05	§		
Cucumber (including gherkin)	3	3	§	3	
Pumpkin (including squash)	5	5	§		
Oriental pickling melon (vegetable)	10	10	§	10	
Water melon (whole commodity after removal of stems)	○ 3	2	§		
Melons (whole commodity after removal of stems)	○ 20	15	§	10	
Makuwauri melon (whole commodity after removal of stems)	10	10	§	10	
Other cucurbitaceous vegetables	0.01	0.01	§		
Spinach	15	15	§		
Bamboo shoots	0.01	0.01	§		
Okra	○ 0.05	0.01	§ • Request		
Ginger	0.3	0.3	§	0.05	
Peas, immature (with pods)	0.01	0.01	§		
Kidney beans, immature (with pods)	0.01	0.01	§		
Green soybeans	0.01	0.01	§		
Other vegetables	0.05	0.05	§	0.05	
Apple	15	15	§		
Japanese pear	○ 15	10	§		
Pear	○ 15	10	§		
Quince	● 9	10	§		
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	20	20	§	20	
Nectarine	3	3	§	3	
Apricot	5	5	§		
Japanese plum (including prune)	10	10	§	10	
Mume plum	5	5	§		
Cherry	25	25	§	25	
Strawberry	15	15	§	15	
Raspberry	20	20	§	20	
Blackberry	0.01	0.01	§		
Blueberry	20	20	§	20	
Cranberry	0.01	0.01	§		
Huckleberry	20	20	§	20	
Other berries	0.01	0.01	§		
Grape	25	25	§	25	
Japanese persimmon	5	5	§		
Papaya	5	5	§		
Pineapple	0.7	0.7	§		
Mango	5	5	§		
Other fruits	10	10		10	
Almond	0.3	0.3		0.3	
Walnut	○ 0.5		Request		
Other spices (limited to roots and rhizomes)	0.05	0.05	§	0.05	
Other herbs	15	15	§	0.05	
Raisin	50	50	§	50	

The residue definition is Captan only.

* The uniform limit 0.01 ppm will be applied 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 are to be lowered.

○ : Commodities for which MRLs are to be raised.

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

Cyazofamid

Commodity	MRL (draft)※1 ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ※1 ppm
Rice (brown rice)	0.05	0.05	§		
Wheat	0.05	0.05	§		
Soybeans, dry	0.3	0.3	§		
Beans, dry	0.1	0.1	§		
Potato	0.05	0.05	§	0.01	
Taro	0.01		Request		
Konjac	0.3	0.3	§		
Japanese radish, roots (including radish)	0.3	0.3	§		
Japanese radish, leaves (including radish)	25	25	§	15	
Turnip, roots (including rutabaga)	0.3	0.3	§		
Turnip, leaves (including rutabaga)	20	20	§	15	
Watercress	○ 15	10		15	
Chinese cabbage	15	15	§	15	
Cabbage	2	2	§	1.5	
Brussels sprouts	2	2		1.5	
Kale	15	15	§	15	
Komatsuna (Japanese mustard spinach)	15	15	§	15	
Kyona	15	15	§	15	
Qing-geng-cai	15	15	§	15	
Cauliflower	2	2	§	1.5	
Broccoli	2	2	§	1.5	
Other cruciferous vegetables	20	20	§	15	
Chicory	10	10		10	
Endive	10	10		10	
Shungiku	10	10		10	
Lettuce (including cos lettuce and leaf lettuce)	10	10	§	10	
Other composite vegetables	10	10		10	
Onion	2	2	§	1.5	
Welsh (including leek)	○ 6	2	§	6	
Garlic	2	2		1.5	
Nira	○ 6			6	
Multiplying onion (including shallot)	○ 6	5	§	6	
Other liliaceous vegetables	○ 10	3	§	10	
Carrot	0.09	0.09			0.09 USA
Mitsuba	10	10	§	10	
Tomato	2	2	§	0.2	
Pimiento (sweet pepper)	1	1	§	0.4	
Egg plant	0.5	0.5	§	0.2	
Other solanaceous vegetables	10	10	§	10	
Cucumber (including gherkin)	0.7	0.7	§	0.09	
Pumpkin (including squash)	0.7	0.7	§	0.09	
Oriental pickling melon (vegetable)	0.1	0.1		0.09	
Water melon		0.05	§		
Water melon (whole commodity after removal of stems)	0.6		§	0.09	
Melons		0.05	§		
Melons (whole commodity after removal of stems)	0.8		§	0.09	
Makuwauri melon		0.1			
Makuwauri melon (whole commodity after removal of stems)	0.1			0.09	
Other cucurbitaceous vegetables	10	10	§	10	
Spinach	25	25	§	10	
Ginger	3	3	§		

Commodity	MRL (draft)※1 ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ※1 ppm
Kidney beans, immature (with pods)	0.4	0.4		0.4	
Green soybeans	5	5	§		
Other vegetables	10	10	§	10	
Unshu orange, pulp	/	0.7	§		
Unshu orange (whole commodity)	2	/	§		
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	§		
Japanese pear	0.5	0.5	§		
Peach	/	0.3	§		
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	2	/	§		
Nectarine	1	1	§		
Japanese plum (including prune)	0.2	0.2	§		
Strawberry	0.7	0.7	§		
Grape	10	10	§	1.5	
Papaya	0.5	0.5			0.5 Taiwan
Other fruits	1	1	§		
Hop	15	15	§	15	
Other spices	10	10	§		
Other herbs	15	15	§	15	

The residue definition is Cyazofamid only.

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be lowered.

○ : Commodities for which MRLs are to be raised.

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

※ 1 The residue definition is cyazofamid in Japan, and sum of cyazofamid and its metabolite, 4-chloro-5-(4-methylphenyl)-1H-imidazole-2-carbonitrile, calculated as the stoichiometric equivalent of cyazofamid in the USA.

Pyriofenone

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Wheat	1	1	§		
Tomato	1	1	§		
Pimiento (sweet pepper)	1	1	§		
Egg plant	1	1	§		
Other solanaceous vegetables	○ 5		Request		
Cucumber (including gherkin)	1	1	§	0.2	
Pumpkin (including squash)	● 0.6	0.7	§	0.2	
Oriental pickling melon (vegetable)	○ 0.2			0.2	
Water melon		0.05	§		
Water melon (whole commodity after removal of stems)	0.3		§	0.2	
Melons	● 0.07	0.2	§		
Makuwauri melon (whole commodity after removal of stems)	○ 0.2			0.2	
Other cucurbitaceous vegetables	0.3	0.3		0.2	0.30 ¹ USA
Peas, immature (with pods)	2	2	§		
Apple	1	1	§		
Japanese pear	1	1	§		
Strawberry	2	2	§	0.5	
Raspberry	0.9	0.9		0.9	0.50 ¹ USA
Blackberry	0.9	0.9		0.9	0.90 ¹ USA
Blueberry	2	2		1.5	1.5 ¹ USA
Cranberry	○ 0.5			0.5	
Huckleberry	2	2		1.5	1.5 ¹ USA
Other berries	2	2		1.5	1.5 ¹ USA
Grape	○ 4	3	§	0.8	
Japanese persimmon	○ 1	0.7	§		
Kiwifruit (whole commodity)	○ 2		IT		1.5 ¹ USA
Guava ※1	●	2			
Passion fruit	2	2			1.5 ¹ USA
Other fruits	2	2			1.5 ¹ USA
Raisin ※2				2.5	

The residue definition is Pyriofenone only.

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be lowered.

○ : Commodities for which MRLs are to be raised.

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

IT: Import tolerance application

※1 The current MRL of guavas was set from the US IT application of Chilean guavas, but since Chilean guavas are classified as the other berry fruits in Codex, the MRL of guavas will be deleted.

※2 For processed food, "Dried grapes", the MRL in the raw commodity will be applied, taking into account of its processing factor. JMPR estimates it with 2.8 for dried grapes.

Fluoxastrobin

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Wheat	○ 0.2		IT		0.15 [†] USA
Barley	○ 0.4		IT		0.40 [†] USA
Corn (maize, including pop corn and sweet corn)	○ 0.02		IT		0.02 [†] USA
Other cereal grains	○ 2		IT		1.5 [†] USA
Soybeans, dry	○ 0.05		IT		0.05 [†] USA
Beans, dry	○ 0.2		IT		0.20 [†] USA
Peas	○ 0.2		IT		0.20 [†] USA
Broad beans	○ 0.2		IT		0.20 [†] USA
Other pulses	○ 0.2		IT		0.20 [†] USA
Potato	0.01	0.01			0.010 [†] USA
Apple	○ 1		Request		†
Japanese pear	○ 0.6		Request		†
Pear	○ 0.6		Request		†
Strawberry	2	2			1.9 [†] USA
Grape	○ 2		Request		†
Rapeseeds	○ 0.7		IT		0.70 [†] USA
Cattle, muscle	○ 0.05		IT		0.05 [†] USA
Pig, muscle	○ 0.02		IT		0.02 [†] Canada
Cattle, fat	○ 0.1		IT		0.10 [†] USA
Pig, fat	○ 0.03		IT		0.03 [†] USA
Cattle, liver	○ 0.2		IT		0.20 [†] USA
Pig, liver	○ 0.06		IT		0.06 [†] USA
Cattle, kidney	○ 0.2		IT		0.20 [†] USA
Pig, kidney	○ 0.06		IT		0.06 [†] USA
Cattle, edible offal	○ 0.2		IT		0.20 [†] USA
Pig, edible offal	○ 0.06		IT		0.06 [†] USA
Milk	○ 0.03		IT		0.03 [†] USA

The residue definition for agricultural products is sum of fluoxastrobin and metabolite Z-isomer [(Z)-{2-[6-(2-chlorophenoxy)-5-fluoropyrimidin-4-yl]phenyl}(5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyl oxime], expressed as fluoxastrobin. The residue definition for animal products is sum of fluoxastrobin, metabolite Z-isomer, and metabolite M55 [6-(2-chlorophenoxy)-5-fluoro-4-pyrimidiol], expressed as fluoxastrobin.

The current residue definition is sum of fluoxastrobin and metabolit Z-isomer, expressed as fluoxastrobin.

* The uniform limit 0.01 ppm will be applied 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.

O : Commodities for which MRLs are to be raised. (*It should be noted that the residue definition (for agricultural / animal products) will be changed.)

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

Procymidone

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Wheat	0.3	0.3	§		
Soybeans, dry	○ 3	2	§		
Beans, dry	○ 5	3	§		
Peanuts, dry	2	2	§		
Other pulses	2	2			
Potato	0.2	0.2	§		
Cabbage	0.5	0.5	§		
Chicory	5	5			
Endive	5	5			
Lettuce (including cos lettuce and leaf lettuce)	2	2	§		
Onion	0.2	0.2	§		
Welsh (including leek)	2	2	§		
Garlic	0.1	0.1	§		
Carrot	0.2	0.2	§		
Mitsuba	2	2	§		
Tomato	○ 4	3	§		
Pimiento (sweet pepper)	○ 10	5	§		
Egg plant	○ 5	3	§		
Other solanaceous vegetables	5	5	§		
Cucumber (including gherkin)	4	4	§		
Pumpkin (including squash)	4	4	§		
Water melon		0.7	§		
Water melon (whole commodity after removal of stems)	2		§		
Melons		0.5	§		
Melons (whole commodity after removal of stems)	2		§		
Other cucurbitaceous vegetables	1	1	§		
Okra	2	2	§		
Peas, immature (with pods)	3	3			
Kidney beans, immature (with pods)	1	1			
Other vegetables	2	2	§		
Unshu orange, pulp		1	§		
Unshu orange (whole commodity)	10		§		
Citrus natsudaidai, whole	○ 2		Request		
Lemon	○ 5		Request		
Orange (including navel orange)	○ 5		Request		
Grapefruit	○ 5		Request		
Lime	○ 5		Request		
Other citrus fruits	○ 5		Request		
Apple	0.5	0.5	§		
Japanese pear	1	1			
Pear	1	1			
Quince	1	1			
Loquat		0.7	§		
Loquat (whole commodity after removal of stems)	15		§		
Peach		0.7	§		
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	5		§		
Nectarine	10	10			
Apricot	5	5	§		

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Japanese plum (including prune)	0.5	0.5	§		
Mume plum	10	10			
Cherry	5	5	§		
Strawberry	5	5	§		
Kiwifruit	/	0.5	§		
Kiwifruit (whole commodity)	8	/	§		
Mango	0.5	0.5	§		
Rapeseeds	2	2			
Other spices	○ 30	25	§		

The residue definition is Procymidone only.

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be raised.

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

Mandestrobin

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Soybeans, dry	0.3	0.3	§		
Beans, dry	0.2	0.2	§		
Peas	0.3	0.3	§		
Broad beans	0.3	0.3	§		
Other pulses	0.3	0.3	§		
Chinese cabbage	5	5	§		
Cabbage	5	5	§		
Kale	40	40	§		
Komatsuna (Japanese mustard spinach)	40	40	§		
Kyona	25	25	§		
Qing-geng-cai	40	40	§		
Cauliflower	○ 7		Request		
Broccoli	○ 7		Request		
Other cruciferous vegetables	40	40	§		
Shungiku	○ 90	50	§		
Lettuce (including cos lettuce and leaf lettuce)	40	40	§		
Onion	○ 0.05		Request		
Tomato	10	10	§		
Pimiento (sweet pepper)	○ 6		Request		
Egg plant	2	2	§		
Other solanaceous vegetables	○ 10		Request		
Cucumber (including gherkin)	2	2	§		
Water melon		0.1	§		
Water melon (whole commodity after removal of stems)	0.7		§		
Melons		0.05	§		
Melons (whole commodity after removal of stems)	2		§		
Spinach	○ 0.3		Request		
Peas, immature (with pods)	5	5	§		
Kidney beans, immature (with pods)	10	10	§		
Green soybeans	10	10	§		
Other vegetables	10	10	§		
Apple	5	5	§		
Japanese pear	2	2	§		
Pear	2	2	§		
Peach		0.2	§		
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	3		§		
Nectarine	5	5	§		
Apricot	5	5	§		
Japanese plum (including prune)	2	2	§		
Mume plum	5	5	§		
Cherry	5	5	§		
Strawberry	○ 6	3	Request		
Grape	10	10	§		
Japanese persimmon	3	3	§		
Rapeseeds	0.5	0.5			0.5, Canada
Tea	40	40	§		
Other herbs	40	40	§		

The residue definition for mandestrobin is sum of R and S-isomers of mandestrobin.

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be raised.

§ : Permitted for use in Japan.

Request : Request for setting/revising MRL was made by the MAFF.

Cypermethrin

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Rice (brown rice)	● 0.3	0.9			1.5×1 ¹ USA
Wheat	○ 2	0.2	§	2	
Barley	○ 2	0.5	§	2	
Rye	○ 2	1.0	§	2	
Corn (maize, including pop corn and sweet corn)	○ 0.3	0.2	§	0.3	
Buckwheat	● 0.3	0.5		0.3	
Other cereal grains	○ 2	1.0	§	2	
Soybeans, dry		0.05	§	0.05	
Beans, dry	● 0.05	0.5	§	0.05	
Peas	● 0.05	1.0	§	0.05	
Broad beans		0.05	§	0.05	
Peanuts, dry	○ 0.1	0.05	§	0.1	
Other pulses		0.05	§	0.05	
Potato	● 0.02	0.05	§	0.01	
Taro	● 0.01	0.05		0.01	
Sweet potato		0.05	§	0.01	
Japanese yam (including Chinese yam)	● 0.01	0.05	§	0.01	
Konjac	● 0.01	0.05		0.01	
Other potatoes	● 0.01	0.05		0.01	
Sugar beet		0.1	§	0.1	
Sugarcane	● 0.2	0.3		0.2	
Japanese radish, roots (including radish)	○ 0.1	0.05	§	0.01	0.1 ¹ USA
Japanese radish, leaves (including radish)	○ 5	5.0	§	0.7	
Turnip, roots (including rutabaga)	● 0.01	0.05		0.01	
Turnip, leaves (including rutabaga)	● 0.7	1		0.7	
Horseradish	● 0.01	0.05		0.01	
Watercress	● 0.7	5		0.7	
Chinese cabbage	● 1	5.0	§	1	
Cabbage	○ 1	1.0	§	1	
Brussels sprouts	○ 1	1.0		1	
Kale	○ 6	1.0	Request	0.7	
Komatsuna (Japanese mustard spinach)	○ 6	5.0	§	0.7	
Kyona		5	§	0.7	
Qing-geng-cai	○ 5	5.0	§	0.7	
Cauliflower	○ 1	1.0		1	
Broccoli	○ 1	1.0		1	
Other cruciferous vegetables	○ 6	5.0	§	1	
Burdock	● 0.3	0.5	§	0.01	
Salsify	● 0.01	0.05		0.01	
Artichoke	● 0.1	1		0.1	
Chicory	● 0.7	4		0.7	
Endive	● 0.7	5		0.7	
Shungiku	● 0.7	5		0.7	
Lettuce (including cos lettuce and leaf lettuce)	○ 2	2.0	§	0.7	
Other composite vegetables	○ 5	5.0	§	0.7	
Onion	● 0.05	0.1	§	0.01	
Welsh (including leek)	● 4	5.0	§	0.05	
Garlic	●	0.06			
Nira	● 3	6.0	§		
Asparagus	● 0.4	0.5	§	0.4	
Multiplying onion (including shallot)	● 1	5.0	§		

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Other liliaceous vegetables	○ 6	6.0	§		6.0 ¹ USA
Carrot	○ 0.1	0.05	§	0.01	0.1 ¹ USA
Parsnip	● 0.01	0.05		0.01	
Parsley	● 1	6			1 ¹ Australia
Celery	○ 7	3			10 ¹ USA
Mitsuba	● 0.7	1		0.7	
Other umbelliferous vegetables	● 0.01	0.05		0.01	
Tomato	● 0.7	2.0	§	0.2	
Pimiento (sweet pepper)	○ 2	2.0	§	0.1	
Egg plant		0.5	§	0.03	
Other solanaceous vegetables	○ 2	0.5		2	
Cucumber (including gherkin)	● 0.3	0.5	§	0.07	
Pumpkin (including squash)	● 0.2	5.0	§	0.07	
Oriental pickling melon (vegetable)	● 0.07	0.1		0.07	
Water melon		2.0	§		
Water melon (whole commodity after removal of stems)	0.3		§	0.07	
Melons		2.0	§		
Melons (whole commodity after removal of stems)	0.8		§	0.07	
Makuwauri melon		0.1			
Makuwauri melon (whole commodity after removal of stems)	0.07			0.07	
Other cucurbitaceous vegetables	○ 0.07	0.05		0.07	
Spinach	○ 5	2.0	§ - Request	0.7	
Bamboo shoots	●	5.0			
Okra	○ 0.5	0.2		0.5	
Ginger	○ 0.2	0.03		0.2	
Peas, immature (with pods)	○ 0.7	0.05		0.7	
Kidney beans, immature (with pods)	○ 0.7	0.5	§	0.7	
Green soybeans	● 2	5.0	§	0.7	
Button mushroom	●	0.05			
Shiitake mushroom	●	0.03			
Other mushrooms	●	0.5			
Other vegetables		5.0	§		
Other vegetables (except taro stem and lotus root)	○ 5		§		
Unshu orange, pulp		2.0	§		
Unshu orange (whole commodity)	0.7		§	0.3	
Citrus natsudaikai, whole	○ 2	2.0	§	0.3	
Lemon	○ 2	2.0	§	0.3	
Orange (including navel orange)	○ 2	2.0	§	0.3	
Grapefruit	○ 2	2.0	§	0.5	
Lime	○ 2	2.0	§	0.5	
Other citrus fruits	○ 2	2.0	§	0.5	
Apple	○ 2	2.0	§	0.7	2 ¹ USA
Japanese pear	○ 2	2.0	§	0.7	2 ¹ USA
Pear	○ 2	2.0	§	0.7	2 ¹ USA
Quince	○ 2	2.0		0.7	2 ¹ USA
Loquat		2.0			
Loquat (whole commodity after removal of stems)	2			0.7	2 ¹ USA
Peach		2.0	§		
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	5		§	2	
Nectarine	○ 2	2.0	§	2	
Apricot	○ 2	1.0	§	2	
Japanese plum (including prune)	○ 2	1.0	§	2	

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Mume plum	○ 2	2.0	§	2	
Cherry	○ 2	2.0	§	2	
Strawberry	● 0.7	2.0	§	0.07	
Raspberry	○ 0.8	0.5			0.8 USA
Blackberry	○ 0.8	0.5			0.8 USA
Blueberry	○ 0.8	0.5			0.8 USA
Cranberry	○ 0.8	0.5			0.8 USA
Huckleberry	○ 0.8	0.5			0.8 USA
Other berries	○ 0.8	0.5			0.8 USA
Grape	○ 3	2.0	§	0.2	
Japanese persimmon	● 1	2.0	§	0.7	
Banana	●	0.03			
Kiwifruit		2.0	§		
Kiwifruit (whole commodity)	3		§		
Papaya	○ 0.5	0.01		0.5	
Avocado	●	0.1			
Pineapple	●	0.03			
Guava	●	0.03			
Mango	○ 0.7	0.03		0.7	
Passion fruit	●	0.03			
Date	●	0.03			
Other fruits	○ 2	0.5		2	
Sunflower seeds	● 0.1	0.2		0.1	
Sesame seeds	● 0.1	0.2		0.1	
Safflower seeds	● 0.1	0.2		0.1	
Cotton seeds	● 0.1	0.2		0.1	
Rapeseeds	● 0.1	0.2		0.1	
Other oil seeds	● 0.1	0.2	§	0.1	
Ginkgo nut	○ 0.05	0.03		0.05	
Chestnut	● 0.05	2.0	§	0.05	
Pecan	○ 0.05	0.05		0.05	
Almond	○ 0.05	0.03		0.05	
Walnut	○ 0.05	0.03	§	0.05	
Other nuts	● 0.1	0.2		0.1	
Tea	● 15	20	§	15	
Coffee beans	○ 0.05	0.05		0.05	
Cacao beans	●	0.03			
Hop	●	20			
Other spices (except seeds, fruits, roots and rhizomes)		5	§		
Other spices	5		§	3	
Other herbs	6	6	§	0.7	
Cattle, muscle	○ 2	0.1			
Pig, muscle	○ 2	0.1			
Other terrestrial mammals, muscle	○ 2	0.1			
Cattle, fat	○ 2	0.2		2	
Pig, fat	○ 2	0.2		2	
Other terrestrial mammals, fat	○ 2	0.2		2	
Cattle, liver	○ 0.05	0.05		0.05	
Pig, liver	○ 0.05	0.05		0.05	
Other terrestrial mammals, liver	○ 0.05	0.05		0.05	
Cattle, kidney	○ 0.05	0.05		0.05	
Pig, kidney	○ 0.05	0.05		0.05	

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Other terrestrial mammals, kidney	0.05	0.05		0.05	
Cattle, edible offal	0.05	0.05		0.05	
Pig, edible offal	0.05	0.05		0.05	
Other terrestrial mammals, edible offal	0.05	0.05		0.05	
Milk	○ 0.1	0.05		0.1	
Chicken, muscle	○ 0.1	0.05		0.1	
Other poultry, muscle	○ 0.1	0.05		0.1	
Chicken, fat	0.1	0.1		0.1	
Other poultry, fat	0.1	0.1		0.1	
Chicken, liver	0.05	0.05		0.05	
Other poultry, liver	0.05	0.05		0.05	
Chicken, kidney	0.05	0.05		0.05	
Other poultry, kidney	0.05	0.05		0.05	
Chicken, edible offal	0.05	0.05		0.05	
Other poultry, edible offal	0.05	0.05		0.05	
Chicken eggs	● 0.01	0.05		0.01	
Other poultry, eggs	● 0.01	0.05		0.01	
Salmoniformes (such as salmon and trout)	○ 0.05	0.03			0.05 ¹ EU
Anguilliformes (such as eel)		0.01			
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)		0.01			
Other fish		0.01			
Shelled molluscs		0.01			
Crustaceans		0.01			
Other aquatic animals		0.01			
Honey (including royal-jelly)		0.01			
Wheat bran	○ 5			5	
pepper(dried)※2				10	
Vegetable oil (limited to refined vegetable oil)		0.5			
Other spices, dried (limited to fruits)		0.1			
Other spices, dried (limited to roots or rhizome)		0.2			

The residue definition is cypermethrin (sum of isomers, including alpha-cypermethrin and zeta-cypermethrin) .

* The uniform limit 0.01 ppm will be applied to commodities not listed above.

* Shaded figures indicate provisional MRLs.

* Diagonal line means a food category to which MRL applies is not set.

* 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 are to be lowered.

○ : Commodities for which MRLs are to be raised. (*It should be noted that the residue definition (for agricultural / animal products) will be changed.)

§ : Permitted for use in Japan.

Request: Request for setting/revising MRL was made by the MAFF.

※1 The MRL is established on unhulled rice in the USA.

※2 For "Pepper,dried" as food category with MRL set by Codex, MRL of its raw commodity (Other solanaceous vegetables) will apply to the commodity, taking into account of its processing factor.For this substance,JMPR estimates it at 7 for Pepper,dried.

Albendazole

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Cattle, muscle	0.02	0.02		0.1	
Other terrestrial mammals, muscle	0.02	0.02		0.1	
Cattle, fat	0.02	0.02		0.1	
Other terrestrial mammals, fat	0.02	0.02		0.1	
Cattle, liver	1	1		5	
Other terrestrial mammals, liver	0.8	0.8		5	
Cattle, kidney	1	1		5	
Other terrestrial mammals, kidney	0.8	0.8		5	
Cattle, edible offal	1	1			
Other terrestrial mammals, edible offal	0.8	0.8			
Milk	0.02	0.02		0.1	
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)	○ 0.03		Request		

The residue definition is metabolite I [5-(Propylsulfonyl)-1H-benzimidazole-2-amine].

* The uniform limit 0.01 ppm will be applied 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 are to be raised.

Request: Request for setting/revising MRL was made by the MAFF.

※1 The above draft MRLs expressed as metabolite I are based on the Codex MRLs of Albendazole expressed as parent compound.

※2 Codex MRLs for Albendazole are set for all food-producing animals (Codex does not specify the target animal species.).

Zeranol

Commodity	MRL (draft) ppm	MRL (current) ppm	Registration	Reference MRL	
				Codex ppm	Country/Region ppm
Cattle, muscle	0.002	0.002		0.002	
Pig, muscle	0.002	0.002			
Other terrestrial mammals, muscle	● 0.002	0.02			
Cattle, fat	0.002	0.002			
Pig, fat	0.002	0.002			
Other terrestrial mammals, fat	● 0.002	0.02			
Cattle, liver	0.01	0.01		0.01	
Pig, liver	0.002	0.002			
Other terrestrial mammals, liver	● 0.01	0.02			
Cattle, kidney	● 0.01	0.02			
Pig, kidney	0.002	0.002			
Other terrestrial mammals, kidney	● 0.01	0.02			
Cattle, edible offal	● 0.01	0.02			
Pig, edible offal	0.002	0.002			
Other terrestrial mammals, edible offal	● 0.01	0.02			
Milk	0.002	0.002			
Chicken, muscle	0.002	0.002			
Other poultry, muscle	0.002	0.002			
Chicken, fat	0.002	0.002			
Other poultry, fat	0.002	0.002			
Chicken, liver	0.002	0.002			
Other poultry, liver	0.002	0.002			
Chicken, kidney	0.002	0.002			
Other poultry, kidney	0.002	0.002			
Chicken, edible offal	0.002	0.002			
Other poultry, edible offal	0.002	0.002			
Chicken eggs	0.002	0.002			
Other poultry, eggs	0.002	0.002			
Salmoniformes (such as salmon and trout)	0.002	0.002			
Anguilliformes (such as eel)	0.002	0.002			
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)	0.002	0.002			
Other fish	0.002	0.002			
Shelled molluscs	0.002	0.002			
Crustaceans	0.002	0.002			
Other aquatic animals	0.002	0.002			
Honey (including royal-jelly)	0.002	0.002			

The residue definition is zeranol only.

* The uniform limit 0.01 ppm will be applied 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.

● : Commodities for which MRLs are to be lowered.

Notes:

“Other cereal grains” refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.

“Beans, dry” includes butter beans, cowbeans (red beans), lentil, lima beans, pedia, sultani, sultapya and white beans.

“Other legumes/pulses” refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry), and spices.

“Other potatoes” refers to all potatoes, except potato, taro, sweet potato, yam, and konjac.

“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.

“Other composite vegetables” refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, *shungiku*, lettuce (including cos lettuce and leaf lettuce), and herbs.

“Other liliaceous vegetables” refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, *nira*, asparagus, multiplying onion, and herbs.

“Other umbelliferous vegetables” refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, *mitsuba*, spices, and herbs.

“Other solanaceous vegetables” refers to all solanaceous vegetables, except tomato, pimienta (sweet pepper), and egg plant.

“Other cucurbitaceous vegetables” refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons, and *makuwauri* melon.

“Other mushrooms” refers to all mushrooms, except button mushroom, and *shiitake* mushroom.

“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.

“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.

“Other berries” refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.

“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.

“Other oil seeds” refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.

“Other nuts” refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.

“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.

“Other spices (limited to roots and rhizome)” includes asafoetida roots, turmeric root, galangal rhizome and licorice root.

“Other herbs” refers to all herbs, except watercress, *nira*, parsley stems and leaves, celery stems and leaves.

“Edible offal” refers to all edible parts, except muscle, fat, liver, and kidney.

“Other terrestrial mammals” refers to all terrestrial mammals, except cattle and pig.

“Other poultry” refers to all poultry, except chicken.

“Other fish” refers to all fish, except salmoniformes, anguilliformes, and perciformes.

“Other aquatic animals” refers to all aquatic animal, except fish, shelled molluscs and crustaceans.

MRLs for Honey

Agents	MRL (draft) ppm	MRL (current) ppm	The residue definition for the MRL is to be:
Acynonapyr	○ 0.05		Sum of Acynonapyr and Metabolite C 【3-endo-[2-Propoxy-4-(trifluoromethyl)phenoxy]-9-azabicyclo[3.3.1]nonane】 , expressed as Acynonapyr
Amisulbrom	○ 0.05		Amisulbrom
Ametoctradin	○ 0.05		Sum of Ametoctradin, Metabolite B 【4-(7-amino-5-ethyl[1,2,4]triazolo[1,5-a]pyrimidin-6-yl)butanoic acid】 and Metabolite G 【6-(7-amino-5-ethyl[1,2,4]triazolo[1,5-a]pyrimidin-6-yl)hexanoic acid, expressed as Ametoctradin
Imazapyr	○ 0.05		Imazapyr
Etoazole	○ 0.05		Etoazole
Oxathiapiprolin	○ 0.05		Oxathiapiprolin
Kasugamycin	○ 0.05		Kasugamycin
Glyphosate	○ 0.05		Sum of Glyphosate and <i>N</i> -acetylglyphosate, expressed as Glyphosate
Chlorantraniliprole	○ 0.05		Chlorantraniliprole
Chlorfluazuron	○ 0.05		Chlorfluazuron
Cyazofamid	○ 0.05		Cyazofamid
Cyenopyrafen	○ 0.05		Cyenopyrafen
Cyclaniliprole	○ 0.05		Cyclaniliprole
Cyflufenamid	○ 0.05		Cyflufenamid
Diflubenzuron		0.01	Diflubenzuron
Cyflumetofen	○ 0.05		Sum of Cyflumetofen and Metabolite B-1 【α,α,α-Trifluoro-<i>o</i>-toluic Acid】 , expressed as cyflumetofen.
Spinetoram	○ 0.05		Sum of Spinetoram-J and Spinetoram-L
Spinosad		0.01	Sum of Spinosyn A and Spinosyn D
Zoxamide	○ 0.05		Zoxamide
Tetraniliprole	○ 0.05		Tetraniliprole
Picarbutrazox	○ 0.05		Sum of Picarbutrazox and Metabolite B 【<i>tert</i>-Butyl=(6-<i>[(E)</i>-(1-methyl-1<i>H</i>-5-tetrazolyl)(phenyl)methylene]aminooxymethyl)-2-pyridyl)carbamate】
Pyraziflumid	○ 0.05		Pyraziflumid
Pyriofenone	○ 0.05		Pyriofenone
Pyroxasulfone	○ 0.05		Pyroxasulfone
Fenpicoxamid	○ 0.05		Fenpicoxamid
Fenhexamid		0.01	Fenhexamid
Fluoxastrobin	○ 0.05		Sum of Fluoxastrobin and Metabolite Z-isomer 【(Z)-{2-[6-(2-chlorophenoxy)-5-fluoropyrimidin-4-yloxy]phenyl}(5,6-dihydro-1,4,2-dioxazin-3-yl)methanone <i>O</i>-methyloxime】
Fluxametamide	○ 0.05		Fluxametamide
Flutianil	○ 0.05		Flutianil
Flutolanil	○ 0.05		Sum of Flutolanil and metabolites converted to 2-(Trifluoromethyl)benzoic acid by hydrolysis, expressed as Flutolanil
Broflanilide	○ 0.05		Broflanilide
Prohexadione-calcium	○ 0.05		Sum of Prohexadione calcium and its free form, Prohexadione (acid), expressed as Prohexadione calcium

Agents	MRL (draft) ppm	MRL (current) ppm	The residue definition for the MRL is to be:
Hexythiazox	○ 0.05		Sum of Hexythiazox and metabolites converted to PT-1-3 【 <i>trans</i> -5-(4-Chlorophenyl)-4-methyl-2-thiazolidinone】 by hydrolysis under basic condition, expressed as Hexythiazox
Benthiavalicarb-isopropyl	○ 0.05		Benthiavalicarb-isopropyl
Mandipropamid	○ 0.05		Mandipropamid
Mandestrobin	○ 0.05		Sum of Mandestrobin <i>R</i> -isomer and Mandestrobin <i>S</i> - isomer
Mesotrione	○ 0.05		Mesotrione
Metyltetraprole	○ 0.05		Metyltetraprole
Metrafenone	○ 0.05		Metrafenone
Mefentrifluconazole	○ 0.05		Mefentrifluconazole

○ : Commodities for which MRLs are to be raised.

Note: There will be no revisions of the MRLs for the commodities other than natural honey on these chemicals.

* These chemicals are not permitted on Natural honey for use in Japan.

*The uniform limit (0.01 ppm) is applied to the Natural honey, as shown in the blank of current MRL .