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## Japan

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### Japan Proposes New MRLs for Abamectin and Other 5 agrochemicals

**Report Categories:**

Sanitary/Phytosanitary/Food Safety

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**Report Highlights:**

On July 30, 2012, the Government of Japan (GOJ) announced proposed changes to the Maximum Residue Levels (MRLs) for Abamectin, Cyflumetofen, Flutriafol, Kresoxim-methyl, Trifluralin and Sedecamycin. The domestic comment period for these changes will close on August 13, 2012. After the domestic comment period closes, the Ministry of Health, Labor, and Welfare (MHLW) will then notify the proposed MRL changes to the WTO/SPS committee, which will then provide another opportunity for interested parties to comments on this subject.

On July 30, 2012, the Government of Japan (GOJ) announced changes to the MRLs for Abamectin, Cyflumetofen, Flutriafol, Kresoxim-methyl, Trifluralin and Sedecamycin. The comment period for these changes will close on August 13, 2012.

Any parties interested in submitting comments to MHLW should do so as soon as possible. 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 residue data. The information MHLW needs would include toxicity data for target chemicals, residue trial data that support the MRLs, and target food commodities. 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 Japan's MRLs and the details of the information MHLW needs, please visit the following MRLs.

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>

MHLW will also notify these proposed changes to the WTO/SPS committee, which will provide another chance for interested parties to submit comments on this subject. 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](http://www.wto.org/english/tratop_e/sps_e/work_and_doc_e.htm)

After the WTO comment period closes, a final report will be released based on the conclusions reached by a session of the Pharmaceutical Affairs and Food Sanitation Council slated to be held at a later date. This report will constitute as the final decision.

Comments to the GOJ can be made either in Japanese or English and can be send to the point of contact below:

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Standards and Evaluation Division,  
Department of Food Safety,  
Pharmaceutical and Food Safety Bureau,  
Ministry of Health, Labour and Welfare  
1-2-2, Chiyoda-ku, Kasumigaseki, Tokyo, 100-8916  
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[shimizu-ryouhei@mhlw.go.jp](mailto:shimizu-ryouhei@mhlw.go.jp)

Post suggests that the U.S. Embassy - Tokyo also be copied on any comments at [agtokyo@usda.gov](mailto:agtokyo@usda.gov) to allow them to be considered as part of the official U.S. Government comments to the WTO.

### **Maximum Residue Limits for Agricultural Chemicals in Food**

The Ministry of Health, Labour and Welfare (MHLW) is going to develop compositional specifications for food.

## **Summary**

Under the provisions of Article 11, Paragraph 1 of the Food Sanitation Law, the Minister of Health, Labour and Welfare is authorized to establish residue standards (maximum residue limits: MRLs) for pesticides, feed additives, and veterinary drugs (hereafter 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 in Japan unless it complies with the established standards.

On May 29, 2006, the MHLW 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.

This time the MHLW has newly established MRLs (draft) for some food commodities as well as has comprehensively reviewed the current MRLs. This activity is targeted to five pesticides (Abamectin, Cyflumetofen, Flutriafol, Kresoxim-methyl, and Trifluralin) and a feed additive (Sedecamycin). 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 of revision**

**Abamectin (insecticide, parasiticide):** Not permitted for use in Japan.

The Ministry of Agriculture, Forestry and Fisheries (MAFF) has decided to register this compound to allow its use for some crops in Japan. In response to the MAFF’s action, the MHLW has newly established MRLs for these crops. In addition, the MHLW has reviewed the MRLs that had been provisionally established at the introduction of the positive list system. Several of current MRLs including ones for 'other umbelliferous vegetables', 'other fruits', 'chestnut', 'pecan', 'other nuts', and so on are based on US standards.

**Cyflumetofen (acaricide):** Permitted for use in Japan.

MAFF has decided to expand the application of this compound to some crops. In response to the MAFF’s action, the MHLW has newly established MRLs for these crops. In addition, the MHLW has reviewed the current MRLs because the residue definition for MRL setting has been changed.

**Flutriafol (fungicide):** Not permitted for use in Japan.

The MHLW has established MRLs for some crops, in response to an application for 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, the MHLW has reviewed the MRLs that had been provisionally established at the introduction of the positive list system.

**Kresoxim-methyl (fungicide):** Permitted for use in Japan.

The Ministry of Agriculture, Forestry and Fisheries (MAFF) has decided to expand the application of this compound to some crops. In response to the MAFF’s action, the MHLW has newly established MRLs for these crops. In addition, in response to a request from MAFF, the MHLW has established an MRL for the “fish and shellfish” category. Also, the MHLW has reviewed the MRLs that had been provisionally established at the introduction of the positive list system.

**Trifluralin (herbicide):** Permitted for use in Japan.

In response to a request from MAFF for the review of the current MRL for the “fish and shellfish” category, the MHLW has newly established an MRL for this category. In addition, the MHLW has reviewed the MRLs that had been provisionally established at the introduction of the positive list system.

**Sedecamycin (antimicrobial):** Designated as a feed additive in Japan.

MAFF has decided to revoke the designation as a feed additive under the Feed Safety Law. In response to the MAFF's action, the MHLW has withdrawn all of the current MRLs. After the revision takes effect, the compound shall not include in any food.

## Abamectin

Commodity	MRL (draft) ppm	MRL (current) ppm
	ppm	ppm
Rice (brown rice)		0.01
Wheat		0.01
Barley		0.01
Rye		0.01
Corn (maize, including pop corn and sweet corn)		0.01
Buckwheat		0.01
Other cereal grains		0.01
Soybeans, dry		0.01
Beans, dry (including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya, and white beans)		0.01
Peas		0.01
Broad beans		0.01
Peanuts, dry		0.02
Other legumes/pulses		0.01
Potato	0.01	0.01
Taro	0.01	0.01
Sweet potato	0.01	0.01
Yam	0.01	0.01
Konjac		0.01
Other potatoes	0.01	0.01
Sugar beet		0.01
Sugarcane		0.008
Japanese radish, roots (including radish)		0.01
Japanese radish, leaves (including radish)		0.01
Turnip, roots (including rutabaga)		0.01
Turnip, leaves (including rutabaga)		0.01
Horseradish		0.01
Watercress		0.1
Chinese cabbage		0.01
Cabbage		0.01
Brussels sprouts		0.01
Kale		0.01
Komatsuna(Japanese mustard spinach)		0.01

<i>Kyona</i>		0.01
Qing-geng-cai		0.01
Cauliflower		0.01
Broccoli		0.01
Other cruciferous vegetables		0.1
Burdock		0.01
Salsify		0.01
Artichoke		0.01
Chicory		0.06
Endive		0.1
<i>Shungiku</i>		0.06
Lettuce (including cos lettuce and leaf lettuce)	0.05	0.05
Other composite vegetables		0.06
Onion		0.01
Welsh (including leek)	0.1	0.01
Garlic		0.01
<i>Nira</i>		0.02
Asparagus		0.01
Multiplying onion (including shallot)		0.01
Other liliaceous vegetables		0.02
Carrot		0.01
Parsnip		0.01
Parsley		0.06
Celery		0.05
<i>Mitsuba</i>		0.01
Other umbelliferous vegetables	0.05	0.06
Tomato	0.02	0.02
Pimiento (sweet pepper)	0.5	0.02
Egg plant	0.2	0.02
Other solanaceous vegetables		0.03
Cucumber (including gherkin)	0.01	0.01
Pumpkin (including squash)	0.01	0.01
Oriental pickling melon (vegetable)		0.008
Water melon	0.05	0.01
Melons	0.05	0.01
<i>Makuwauri</i> melon		0.01
Other cucurbitaceous vegetables	0.01	0.008
Spinach		0.06
Bamboo shoots		0.01
Okra		0.01
Ginger	0.01	0.01
Peas, immature (with pods)		0.1
Kidney beans, immature (with pods)		0.01
Green soybeans		0.01

Button mushroom		0.01
<i>Shiitake</i> mushroom		0.01
Other mushrooms		0.01
Other vegetables	0.01	0.1
<i>Unshu</i> orange, pulp		0.01
Citrus <i>natsudaidai</i> , whole	0.01	0.01
Lemon	0.01	0.01
Orange (including navel orange)	0.01	0.01
Grapefruit	0.01	0.01
Lime	0.01	0.01
Other citrus fruits	0.01	0.01
Apple	0.02	0.02
Japanese pear	0.02	0.02
Pear	0.02	0.02
Quince		0.01
Loquat		0.01
Peach		0.02
Nectarine		0.02
Apricot		0.02
Japanese plum (including prune)		0.01
Mume plum		0.01
Cherry		0.02
Strawberry	0.02	0.02
Raspberry		0.01
Blackberry		0.01
Blueberry		0.01
Cranberry		0.01
Huckleberry		0.01
Other berries		0.02
Grape		0.02
Japanese persimmon		0.01
Banana		0.01
Kiwifruit		0.01
Papaya		0.01
Avocado		0.02
Pineapple		0.01
Guava		0.01
Mango		0.01
Passion fruit		0.01
Date		0.01
Other fruits		0.02
Sunflower seeds		0.02
Sesame seeds		0.02
Safflower seeds		0.02

Cotton seeds	0.01	0.01
Rapeseeds		0.02
Other oil seeds		0.02
Ginkgo nut		0.02
Chestnut	0.01	0.02
Pecan	0.01	0.02
Almond	0.01	0.01
Walnut	0.01	0.01
Other nuts	0.01	0.02
Tea	1	0.02
Coffee beans		0.008
Cacao beans		0.008
Hop	0.2	0.1
Other spices		0.1
Other herbs	0.03	0.1
Cattle, muscle	0.01	0.01
Pig, muscle		0.01
Other terrestrial mammals, muscle	0.01	0.01
Cattle, fat	0.1	0.1
Pig, fat	0.02	0.02
Other terrestrial mammals, fat	0.01	0.04
Cattle, liver	0.1	0.1
Pig, liver	0.02	0.02
Other terrestrial mammals, liver	0.1	0.1
Cattle, kidney	0.06	0.05
Pig, kidney	0.01	0.01
Other terrestrial mammals, kidney	0.1	0.1
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)	0.06	0.04
Pig, edible offal	0.02	0.02
Other terrestrial mammals, edible offal	0.1	0.1
Milk	0.02	0.005
Chicken, muscle		0.01
Other poultry animals, muscle		0.01
Chicken, fat		0.01
Other poultry animals, fat		0.01
Chicken, liver		0.02
Other poultry animals, liver		0.02
Chicken, kidney		0.02
Other poultry animals, kidney		0.02
Chicken, edible offal		0.02
Other poultry animals, edible offal		0.02
Chicken, eggs		0.01
Other poultry, eggs		0.01
Salmoniformes (such as salmon and trout)		0.005

Anguilliformes (such as eel)		0.005
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)		0.005
Other fish		0.005
Shelled molluscs		0.005
Crustaceans		0.005
Other aquatic animals		0.005
Honey (including royal-jelly)		0.005
Pepper (dry)	0.2	

Note: The MRLs that were newly established or revised (excluding the MRLs withdrawn) are expressed as the sum of avermectin B1a, avermectin B1b, and the metabolite (8,9-Z-avermectin B1a) .

\* Shaded figures indicate provisional MRLs.

\* 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.

## Cyflumetofen

Commodity	MRL (draft) ppm	MRL (current) ppm
	ppm	ppm
Yam	0.2	
Other composite vegetables	25	
Pimiento (sweet pepper)	5	
Egg plant	2	5
Cucumber (including gherkin)	1	3
Water melon	0.2	0.5
Melons	0.2	1
Other cucurbitaceous vegetables	0.5	
Other vegetables	70	
Unshu orange, pulp	0.2	0.5
Citrus natsudaikai, whole	5	5
Lemon	10	10
Orange (including navel orange)	10	10
Grapefruit	10	10
Lime	10	10
Other citrus fruits	10	10
Apple	2	3
Japanese pear	2	3
Pear	2	3
Loquat	0.3	

Peach	0.2	0.5
Nectarine	2	2
Apricot	10	10
Japanese plum (including prune)	1	1
Mume plum	10	10
Cherry	10	10
Strawberry	2	3
Grape	3	
Other fruits	2	3
Tea	15	20
Other spices	20	20
Other herbs	0.05	

Note: The MRLs that were newly established or revised this time are expressed as cyflumetofen only.

\* The uniform limit 0.01 ppm will be applied to the 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.

## Flutriafol

Commodity	MRL (draft) ppm	MRL (current) ppm
	ppm	ppm
Rice (brown rice)		0.02
Wheat	0.5	0.02
Barley		0.2
Rye		0.02
Corn (maize, including pop corn and sweet corn)		0.02
Buckwheat		0.02
Other cereal grains		0.02
Soybeans, dry	0.4	0.1
Peanuts, dry	0.2	
Tomato	0.3	
Pimiento (sweet pepper)	1	
Other vegetables		0.01
Apple	0.2	
Grape	1	
Banana	0.3	
Rapeseeds	0.2	0.02
Coffee beans	0.05	
Other spices		0.01

Other herbs		0.01
Cattle, muscle	0.05	0.05
Pig, muscle	0.05	0.05
Other terrestrial mammals, muscle	0.05	0.05
Cattle, fat	0.05	0.05
Pig, fat	0.05	0.05
Other terrestrial mammals, fat	0.05	0.05
Cattle, liver	0.5	0.5
Pig, liver	0.5	0.5
Other terrestrial mammals, liver	0.5	0.5
Cattle, kidney	0.5	0.5
Pig, kidney	0.5	0.5
Other terrestrial mammals, kidney	0.5	0.5
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)	0.5	0.5
Pig, edible offal	0.5	0.5
Other terrestrial mammals, edible offal	0.5	0.5
Milk	0.05	0.05
Chicken, muscle	0.05	0.05
Other poultry animals, muscle	0.05	0.05
Chicken, fat	0.05	0.05
Other poultry animals, fat	0.05	0.05
Chicken, liver	0.05	0.05
Other poultry animals, liver	0.05	0.05
Chicken, kidney	0.05	0.05
Other poultry animals, kidney	0.05	0.05
Chicken, edible offal	0.05	0.05
Other poultry animals, edible offal	0.05	0.05
Chicken, eggs	0.05	0.05
Other poultry, eggs	0.05	0.05

\* Shaded figures indicate provisional MRLs.

\* 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.

## Kresoxim-methyl

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)	ppm	ppm
		0.05
Wheat	0.1	0.1
Barley	5	5

Rye	5	5
Corn (maize, including pop corn and sweet corn)		5
Buckwheat		5
Other cereal grains	5	5
Soybeans, dry		0.1
Beans, dry (including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya, and white beans)		0.05
Peas		0.05
Broad beans		0.05
Peanuts, dry		0.1
Other legumes/pulses		0.05
Potato		0.1
Taro		0.1
Sweet potato		0.1
Yam	0.02	0.1
Konjac		0.1
Other potatoes		0.1
Sugar beet	0.1	0.1
Japanese radish, roots (including radish)		0.3
Japanese radish, leaves (including radish)		30
Turnip, roots (including rutabaga)		0.3
Turnip, leaves (including rutabaga)		30
Horseradish		0.3
Watercress		30
Chinese cabbage	2	2
Cabbage		2
Brussels sprouts		30
Kale		30
Komatsuna(Japanese mustard spinach)		30
Kyona		30
Qing-geng-cai		30
Cauliflower		30
Broccoli		30
Other cruciferous vegetables	25	30
Burdock		0.3
Salsify		0.3
Artichoke		30
Chicory		30
Endive		30
Shungiku	20	30
Lettuce (including cos lettuce and leaf lettuce)	10	30
Other composite vegetables	25	30
Onion	0.02	0.1
Welsh (including leek)	2	2

Garlic	0.1	0.1
Nira	25	30
Asparagus	1	30
Multiplying onion (including shallot)	2	2
Other liliaceous vegetables	25	30
Carrot	0.2	0.3
Parsnip		0.3
Parsley	25	30
Celery	15	30
Mitsuba		30
Other umbelliferous vegetables		30
Tomato		3
Pimiento (sweet pepper)	2	2
Egg plant	3	3
Other solanaceous vegetables	3	3
Cucumber (including gherkin)	0.5	0.5
Pumpkin (including squash)	2	0.5
Oriental pickling melon (vegetable)	0.3	3
Water melon	1	1
Melons	1	1
Makuwauri melon		1
Other cucurbitaceous vegetables	0.3	3
Spinach		30
Bamboo shoots		0.3
Okra		2
Ginger		0.3
Peas, immature (with pods)		0.05
Kidney beans, immature (with pods)		0.05
Green soybeans		0.05
Button mushroom		0.05
Shiitake mushroom		0.05
Other mushrooms		0.05
Other vegetables	60	30
Unshu orange, pulp	2	2
Citrus <i>natsudaidai</i> , whole	10	10
Lemon	10	10
Orange (including navel orange)	10	10
Grapefruit	10	10
Lime	10	10
Other citrus fruits	10	10
Apple	5	5
Japanese pear	5	5
Pear	5	5
Quince	0.2	0.2
Loquat		0.2

Peach	1	1
Nectarine	5	5
Apricot	5	20
Japanese plum (including prune)	2	20
Mume plum	5	5
Cherry		20
Strawberry	5	5
Raspberry		20
Blackberry		20
Blueberry	5	20
Cranberry	0.9	20
Huckleberry		20
Other berries	1	20
Grape	15	15
Japanese persimmon	5	5
Banana	5	5
Kiwifruit	1	1
Papaya		5
Avocado		5
Pineapple		5
Guava		5
Mango	0.3	5
Passion fruit		5
Date		20
Other fruits	1	20
Sunflower seeds		0.1
Sesame seeds		0.1
Safflower seeds		0.1
Cotton seeds		0.1
Rapeseeds		0.1
Other oil seeds		0.1
Ginkgo nut		0.1
Chestnut		0.1
Pecan		0.1
Almond		0.1
Walnut		0.1
Other nuts		0.1
Tea	15	20
Hop		0.1
Other spices	25	30
Other herbs	30	30
Cattle, muscle	0.05	0.05
Pig, muscle	0.05	0.05
Other terrestrial mammals, muscle	0.05	0.05
Cattle, fat	0.05	0.05

Pig, fat	0.05	0.05
Other terrestrial mammals, fat	0.05	0.05
Cattle, liver	0.05	0.05
Pig, liver	0.05	0.05
Other terrestrial mammals, liver	0.05	0.05
Cattle, kidney	0.05	0.05
Pig, kidney	0.05	0.05
Other terrestrial mammals, kidney	0.05	0.05
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)	0.05	0.05
Pig, edible offal	0.05	0.05
Other terrestrial mammals, edible offal	0.05	0.05
Milk	0.01	0.01
Chicken, muscle	0.05	0.05
Other poultry animals, muscle	0.05	0.05
Chicken, fat	0.05	0.02
Other poultry animals, fat	0.05	0.02
Chicken, liver		0.02
Other poultry animals, liver		0.02
Chicken, kidney		0.05
Other poultry animals, kidney		0.05
Chicken, edible offal		0.02
Other poultry animals, edible offal		0.02
Chicken, eggs		0.02
Other poultry, eggs		0.02
Fish and shellfish	0.03	
Raisin	2	2
Olive oil (virgin oil only)	0.7	0.7

Note: The MRLs that were newly established or revised (excluding the MRLs withdrawn) are expressed as the sum of kresoxom-methy and its metabolite 2-[2-(4-hydroxy-2-methylphenoxy)methyl]phenyl]-2-methoxyimino acetic acid, calculated as kresoxom-methy, for livestock and poultry products and as kresoxom-methy only for other food commodities.

\* Shaded figures indicate provisional MRLs.

\* 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.

## Trifluralin

Commodity	MRL (draft) ppm	MRL (current) ppm
	ppm	ppm

Rice (brown rice)	0.05	0.05
Wheat	0.1	0.1
Barley	0.1	0.1
Rye	0.1	0.1
Corn (maize, including pop corn and sweet corn)	0.05	0.05
Buckwheat	0.05	0.05
Other cereal grains	0.1	0.1
Soybeans, dry	0.2	0.15
Beans, dry (including butter beans, cowbeans (red beans), lentil, lima beans, pedia, sultani, sultapya, and white beans)	0.05	0.05
Peas	0.05	0.05
Broad beans	0.05	0.05
Peanuts, dry	0.2	0.15
Other legumes/pulses	0.05	0.05
Potato	0.2	0.15
Taro	0.05	0.05
Sweet potato	0.05	0.05
Yam	0.05	0.05
Konjac	0.05	0.05
Other potatoes	0.05	0.05
Sugar beet	0.05	0.05
Sugarcane	0.05	0.05
Japanese radish, roots (including radish)	0.05	0.05
Japanese radish, leaves (including radish)	0.1	0.1
Turnip, roots (including rutabaga)	0.1	0.1
Turnip, leaves (including rutabaga)	0.05	0.05
Horseradish	0.05	0.05
Watercress	0.05	0.05
Chinese cabbage	0.05	0.05
Cabbage	0.1	0.1
Brussels sprouts	0.1	0.1
Kale	0.05	0.05
Komatsuna(Japanese mustard spinach)	0.05	0.05
Kyona	0.05	0.05
Qing-geng-cai	0.05	0.05
Cauliflower	3	3
Broccoli	0.05	0.05
Other cruciferous vegetables	0.05	0.05
Burdock	0.05	0.05
Salsify	0.05	0.05
Artichoke	0.05	0.05
Chicory	0.05	0.05
Endive	0.05	0.05
Shungiku	0.05	0.05
Lettuce (including cos lettuce and leaf lettuce)	0.1	0.1
Other composite vegetables	0.05	0.05

Onion	0.05	0.05
Welsh (including leek)	0.1	0.1
Garlic	0.05	0.05
Nira	0.05	0.05
Asparagus	0.1	0.1
Multiplying onion (including shallot)	0.1	0.1
Other liliaceous vegetables	0.05	0.05
Carrot	1	1
Parsnip	0.05	0.05
Parsley	0.05	0.05
Celery	0.05	0.05
Mitsuba	0.05	0.05
Other umbelliferous vegetables	0.05	0.05
Tomato	0.1	0.1
Pimiento (sweet pepper)	0.1	0.1
Egg plant	0.05	0.05
Other solanaceous vegetables	0.05	0.05
Cucumber (including gherkin)	0.05	0.05
Pumpkin (including squash)	0.05	0.05
Oriental pickling melon (vegetable)	0.05	0.05
Water melon	0.05	0.05
Melons	0.05	0.05
Makuwauri melon	0.05	0.05
Other cucurbitaceous vegetables	0.05	0.05
Spinach	0.05	0.05
Bamboo shoots	2	2
Okra	0.05	0.05
Ginger	0.05	0.05
Peas, immature (with pods)	0.05	0.05
Kidney beans, immature (with pods)	0.05	0.05
Green soybeans	0.05	0.05
Button mushroom	0.05	0.05
Shiitake mushroom	0.05	0.05
Other mushrooms	0.05	0.05
Other vegetables	2	2
Unshu orange, pulp	0.05	0.05
Citrus natsudaikai, whole	0.05	0.05
Lemon	0.05	0.05
Orange (including navel orange)	0.05	0.05
Grapefruit	0.05	0.05
Lime	0.05	0.05
Other citrus fruits	0.05	0.05
Apple	0.05	0.05
Japanese pear	0.05	0.05
Pear	0.05	0.05
Quince	0.05	0.05

Loquat	0.05	0.05
Peach	0.05	0.05
Nectarine	0.05	0.05
Apricot	0.05	0.05
Japanese plum (including prune)	0.05	0.05
Mume plum	0.05	0.05
Cherry	0.05	0.05
Strawberry	0.05	0.05
Raspberry	0.05	0.05
Blackberry	0.05	0.05
Blueberry	0.05	0.05
Cranberry	0.05	0.05
Huckleberry	0.05	0.05
Other berries	0.05	0.05
Grape	0.05	0.05
Japanese persimmon	0.05	0.05
Banana	0.05	0.05
Kiwifruit	0.05	0.05
Papaya	0.05	0.05
Avocado	0.05	0.05
Pineapple	0.05	0.05
Guava	0.05	0.05
Mango	0.05	0.05
Passion fruit	0.05	0.05
Date	0.05	0.05
Other fruits	0.05	0.05
Sunflower seeds	0.2	0.15
Sesame seeds	0.05	0.05
Safflower seeds	0.05	0.05
Cotton seeds	0.05	0.05
Rapeseeds	0.2	0.15
Other oil seeds	0.2	0.15
Ginkgo nut	0.05	0.05
Chestnut	0.05	0.05
Pecan	0.05	0.05
Almond	0.05	0.05
Walnut	0.05	0.05
Other nuts	0.05	0.05
Tea	0.05	0.05
Hop	0.05	0.05
Other spices	0.05	2
Other herbs	0.2	2
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 ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)		0.05
Pig, edible offal		0.05
Other terrestrial mammals, edible offal		0.05
Milk		0.05
Chicken, muscle		0.05
Other poultry animals, muscle		0.05
Chicken, fat		0.05
Other poultry animals, fat		0.05
Chicken, liver		0.05
Other poultry animals, liver		0.05
Chicken, kidney		0.05
Other poultry animals, kidney		0.05
Chicken, edible offal		0.05
Other poultry animals, edible offal		0.05
Chicken, eggs		0.05
Other poultry, eggs		0.05
Fish and shellfish	0.5	0.001
Honey (including royal-jelly)		0.001
Mineral waters (natural mineral waters and bottled/packageged drinking waters)	0.02	0.02

\* Shaded figures indicate provisional MRLs.

\* 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.

## Sedecamycin

Commodity	MRL (draft) ppm	MRL (current) ppm
Pig, muscle		0.05
Pig, fat		0.05
pig, liver		0.05
Pig, Kidney		0.05
Cattle, edible offal ("Edible offal" refers to all edible parts, except		0.05

muscle, fat, liver, and kidney)		
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\* Shaded figures indicate provisional MRLs.

\* The compound shall not be included in any commodity.

*Notes:*

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

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

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

*“Other poultry animals” 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.*