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Japan

Post: Tokyo

Japan Notifies WTO of Revised Chlorpyrifos Residue Standards

Report Categories:

Sanitary/Phytosanitary/Food Safety
WTO Notifications

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Report Highlights:

On June 3, 2019, Japan notified the World Trade Organization of draft amendments to the maximum residue levels (MRL) for the agricultural chemical, Chlorpyrifos, via [G/SPS/N/JPN/641](#). The public comment period for the draft will close on August 2, 2019. Interested U.S. parties are encouraged to share their comments and/or concerns with USDA's enquiry point (us.spsenquiry@fas.usda.gov).

For potential inclusion in the U.S. official position, please send your comments by July 19, 2019.

Keyword: JA9077, Chlorpyrifos

General Information:

On June 3, 2019, Japan notified the World Trade Organization of draft amendments to the maximum residue levels (MRL) for the agricultural chemical, Chlorpyrifos, via [G/SPS/N/JPN/641](#). Japan's proposed changes to the MRLs for Chlorpyrifos can be found [here](#), or below in Annex-1. The public comment period for the draft will close on August 2, 2019. Interested U.S. parties are encouraged to share their comments and/or concerns with USDA's enquiry point (us.spsenquiry@fas.usda.gov). For potential inclusion in the U.S. official position, please send your comments by July 19, 2019.

(The following is taken from Japan's notification)

Annex 1 – Japan's Revised MRL for Chlorpyrifos

Commodity	MRL (draft) ppm	MRL (current)
Rice (brown rice)	●	0.1
Wheat	0.5	0.5
Barley	●	0.2
Rye	●	0.01
Corn (maize, including pop corn and sweet corn)	● 0.05	0.1
Buckwheat	●	0.01
Other cereal grains ¹	● 0.5	0.75
Soybeans, dry	● 0.1	0.3
Beans, dry ²	○ 0.3	0.1
Peas	●	0.05
Broad beans	●	0.05
Peanuts, dry	●	0.2
Other pulses ³	●	0.05
Potato	● 0.02	0.05
Taro	●	0.01
Sweet potato	0.1	0.1
Japanese yam (including Chinese yam)	●	0.01
Konjac	●	0.01
Other potatoes ⁴	●	0.01
Sugar beet	0.05	0.05
Sugarcane	● 0.05	0.1
Japanese radish, roots (including radish)	● 0.2	0.5
Japanese radish, leaves (including radish)	● 0.05	2
Turnip, roots (including rutabaga)	●	1
Turnip, leaves (including rutabaga)	●	0.3
Horseradish	●	0.01
Watercress	●	0.01
Chinese cabbage	●	1.0
Cabbage	●	0.05
Brussels sprouts	●	1.0
Kale	●	1.0
Komatsuna (Japanese mustard spinach)	●	1
Kyona	●	1
Qing-geng-cai	●	1
Cauliflower	0.05	0.05
Broccoli	○ 2	1
Other cruciferous vegetables ⁵	●	1
Burdock	●	0.01
Salsify	●	0.01

		MRL (draft) ppm	M RL (cu)
	C o m		
Artichoke	•		1
Chicory	•		0.01
Endive	•		0.01
Shungiku	•		0.01
Lettuce (including cos lettuce and leaf lettuce)	•		0.1
Other composite vegetables ⁶	•		0.01
Onion	○	0.2	0.05
Welsh (including leek)	•		0.2
Garlic	•		0.01
Nira	•		0.01
Asparagus	•		5
Multiplying onion (including shallot)	•		0.01
Other liliaceous vegetables ⁷	•		0.01
Carrot	•	0.1	0.5
Parsnip	•		0.01
Parsley	•		0.01
Celery	•		0.05
Mitsuba	•		0.01
Other umbelliferous vegetables ⁸	○	1	0.01
Tomato	•		0.5
Pimiento (sweet pepper)	○	2	0.5
Egg plant	•		0.2
Other solanaceous vegetables ⁹	○	2	1
Cucumber (including gherkin)	•		0.05
Pumpkin (including squash)	•		0.05
Oriental pickling melon (vegetable)	•		0.01
Water melon	•		0.01
Melons	•		0.01
Makuwauri melon	•		0.01
Other cucurbitaceous vegetables ¹⁰	•		0.01
Spinach	•		0.01
Bamboo shoots	•		0.5
Okra	•		0.5
Ginger	○	1	0.01
Peas, immature (with pods)	•		0.01
Kidney beans, immature (with pods)	•		0.2
Green soybeans	•		0.3
Button mushroom	•		0.05
Shiitake mushroom	•		0.01
Other mushrooms ¹¹	•		0.01
Other vegetables ¹²	○	1	0.5

Commodity	MRL (draft) ppm	MRL (current)
Unshu orange, pulp	●	1
Unshu orange (whole commodity.)	○ 1	
Citrus natsudaidai, whole	1	1
Lemon	1	1
Orange (including navel orange)	1	1
Grapefruit	1	1
Lime	1	1
Other citrus fruits ¹³	1	1
Apple	● 0.5	1.0
Japanese pear	● 0.3	0.5
Pear	● 0.3	0.5
Quince	○ 1	0.5
Loquat	●	0.5
Loquat (whole commodity after removal of stems.)	○ 1	
Peach	●	1.0
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems.)	○ 1	
Nectarine	○ 1	1.0
Apricot	●	0.05
Japanese plum (including prune)	● 0.5	1.0
Mume plum	●	0.01
Cherry	●	1
Strawberry	○ 0.3	0.2
Raspberry	●	0.2
Blackberry	●	1
Blueberry	1	1
Cranberry	○ 1	1.0
Huckleberry	●	0.01
Other berries ¹⁴	●	1
Grape	● 0.5	1.0
Japanese persimmon	●	0.01
Banana	● 2	3
Kiwifruit	●	2.0
Papaya	●	0.01
Avocado	●	0.5
Pineapple	●	0.05
Guava	●	0.05
Mango	●	0.05
Passion fruit	●	0.05
Date	●	0.3
Other fruits ¹⁵	1	1
Sunflower seeds	●	0.25

	C o m	MRL (draft) ppm	MRL (current)
Sesame seeds	●		0.1
Safflower seeds	●		0.1
Cotton seeds	○	0.3	0.05
Rapeseeds	●		0.1
Other oil seeds ¹⁶	○	5	0.1
Ginkgo nut	●		0.01
Chestnut	●		0.2
Pecan	●	0.0	0.2
Almond	●	0.0	0.2
Walnut	●	0.0	0.2
Other nuts ¹⁷	●		0.2
Tea		10	10
Coffee beans		0.05	0.05
Cacao beans	●		0.05
Hop	●		0.1
Other spices ¹⁸	○	5	1
Other herbs ¹⁹		1	1
Cattle, muscle	●	0.0	0.5
Pig, muscle	●	0.0	0.05
Other terrestrial mammals ²⁰ , muscle	●	0.0	0.3
Cattle, fat	●	0.0	1
Pig, fat	●	0.0	0.02
Other terrestrial mammals, fat	●	0.0	1
Cattle, liver		0.01	0.01
Pig, liver		0.01	0.01
Other terrestrial mammals, liver		0.01	0.01
Cattle, kidney		0.01	0.01
Pig, kidney		0.01	0.01
Other terrestrial mammals, kidney		0.01	0.01
Cattle, edible offal ²¹	●	0.0	0.4
Pig, edible offal		0.01	0.01
Other terrestrial mammals, edible offal		0.01	0.01
Milk	●	0.0	0.02
Chicken, muscle	●	0.0	0.08
Other poultry ²² , muscle	●	0.0	0.08
Chicken, fat		0.01	0.01
Other poultry, fat		0.01	0.01
Chicken, liver		0.01	0.01
Other poultry, liver		0.01	0.01
Chicken, kidney		0.01	0.01
Other poultry, kidney		0.01	0.01

Commodity	MRL (draft) ppm	MRL (current) ppm
Chicken, edible offal	0.01	0.01
Other poultry, edible offal	0.01	0.01
Chicken eggs	0.01	0.01
Other poultry, eggs	0.01	0.01
Fish	○ 0.3	
Mineral waters※1	0.03	0.03
Wheat flour (except whole grain)※2	●	0.1
Corn oil (limited to edible corn oil that meets the Japan Agricultural Standard (JAS) for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)	●	0.2
Corn oil	○ 0.2	
Soybean oil (limited to edible soybean oil that meets the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※2	●	0.05
Cottonseed oil (limited to refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※2	●	0.05
Cottonseed oil (except refined cottonseed oil and cottonseed salad oil that meet the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)※2	●	0.05
Other spices, dried (limited to fruits)	●	1
Other spices, dried (limited to seeds)	●	5
Other spices, dried (limited to roots or rhizome)	●	1

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

○ : Commodities for which MRLs are to be increased or newly set.

Note: The residue definition is chlorpyrifos only. The residue definition will not be changed.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* Shaded figures indicate provisional MRLs.

* Diagonal line means deletion of a food category to which an MRL applies.

* Food categories "Unshu orange, pulp", "Loquat" and "Peach" will be abolished and integrated into "Unshu orange (whole commodity)", "Loquat (whole commodity after removal of stems.)" and "Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems.)", respectively, followed by the current food category system for MRLs for agricultural and veterinary chemicals in Japan.

* Food category "Corn oil (limited to edible corn oil that meets the Japan Agricultural Standard (JAS) for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)" will be abolished and integrated into "Corn oil", followed by the current food category system for MRLs for agricultural and veterinary chemicals in Japan.

* According to the present food classification system in Japan, "Other spices, dried (limited to fruits)", "Other spices, dried

(limited to seeds)" and "Other spices, dried (limited to roots or rhizome)" are included "Other spices".

※1 : The draft 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.

※2 : Food categories "Wheat flour", "Soybean oil" and "Cottonseed oil" will be deleted, and hereafter, MRLs in their raw commodities (i.e. Wheat, Soybeans, dry and Cotton seeds) will also apply to such processed commodities, respectively, taking into account their processing factors. For these substances, JMPR estimated processing factors of 0.2 for Wheat flour, 0.4 for Soybean oil, 0.2 for Cottonseed oil.

1. "Other cereal grains" refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize) and buckwheat.
2. "Beans, dry" including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya and white beans.
3. "Other pulses" refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry) and spices.
4. "Other potatoes" refers to all potatoes, except potato, taro, sweet potato, yam and konjac.
5. "Other cruciferous vegetables" refers to all cruciferous vegetables, except Japanese radish roots and leaves (including radish), turnip roots and leaves, horseradish, watercress, Chinese cabbage, cabbage, brussels sprouts, kale, komatsuna (Japanese mustard spinach), kyona, qing-geng-cai, cauliflower, broccoli and herbs.
6. "Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, shungiku, lettuce (including cos lettuce and leaf lettuce) and herbs.
7. "Other liliaceous vegetables" refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, nira, asparagus, multiplying onion and herbs.
8. "Other umbelliferous vegetables" refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, mitsuba, spices and herbs.
9. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimiento (sweet pepper) and egg plant.
10. "Other cucurbitaceous vegetables" refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons and makuwauri melon.
11. "Other mushrooms" refers to all mushrooms, except button mushroom and shiitake mushroom.
12. "Other vegetables" refers to all vegetables, except potatoes, sugar beet, sugarcane, cruciferous vegetables, composite vegetables, liliaceous vegetables, umbelliferous vegetables, solanaceous vegetables, cucurbitaceous vegetables, spinach, bamboo shoots, okra, ginger, peas (with pods, immature), kidney beans (with pods, immature), green soybeans, mushrooms, spices and herbs.
13. "Other citrus fruits" refers to all citrus fruits, except unshu orange, citrus natsudaikai, lemon, orange (including navel orange), grapefruit, lime and spices.
14. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry and huckleberry.
15. "Other fruits" refers to all fruits, except citrus fruits, apple, Japanese pear, pear, quince, loquat, peach, nectarine, apricot, Japanese plum (including prune), mume plum, cherry, berries, grape, Japanese persimmon, banana, kiwifruit, papaya, avocado, pineapple, guava, mango, passion fruit, date and spices.
16. "Other oil seeds" refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.
17. "Other nuts" refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.

18. "Other spices" refers to all spices, except horseradish, wasabi (Japanese horseradish) rhizomes, garlic, peppers chili, paprika, ginger, lemon peels, orange peels (including navel orange), yuzu (Chinese citron) peels and sesame seeds.
19. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
20. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
21. "Edible offal" refers to all edible parts, except muscle, fat, liver and kidney.
22. "Other poultry" refers to all poultry, except chicken.