



**สรุปรายละเอียดการพิจารณาปรับปรุงแก้ไขมาตรฐานสารเคมีตกค้าง
และสารปรุ่่งแต่งตามกฎหมายสุขอนามัยอาหารญี่ปุ่น ครั้งที่ 258 (29 กันยายน 2566)**

เมื่อวันที่ 29 กันยายน 2566 กระทรวงสาธารณสุข แรงงาน และสวัสดิการสังคมญี่ปุ่น (MHLW) จัดส่งเอกสารการส่งเสริมการอำนวยความสะดวกอาหารนำเข้า ครั้งที่ 258 (The 258th Materials for Promotion of Food Import Facilitation) เพื่อชี้แจงรายละเอียดการพิจารณาปรับปรุงแก้ไขมาตรฐานสารเคมีตกค้างและสารปรุ่่งแต่งตามกฎหมายสุขอนามัยอาหาร (Food Sanitation Act) โดยประกอบไปด้วย 1 วาระ ได้แก่

วาระที่ 1 การปรับปรุงและกำหนดค่ามาตรฐานสารเคมีตกค้าง (MRLs)

1. สารกำจัดศัตรูพืช จำนวน 6 รายการ

1.1 Chlorfluazuron กำหนดและปรับปรุงค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
กะหล่ำปลี	0.1	0.4
ชา	10	5
เนื้อไก่	0.02	0.04

1.2 Fluxametamide กำหนดและปรับปรุงค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
กระเทียม	0.01	0.05
มะนาว	0.7	0.5

1.3 Isofetamid กำหนดและปรับปรุงค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
บร็อกโคลี่	0.01	15
มะนาว	7	3
น้ำผึ้ง	0.01	0.05

1.4 1-Methylcyclopropene กำหนดค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
บร็อกโคลี่	0.01	0.01
อะโวคาโด	0.01	0.01

1.5 Quizalofop-ethyl และ Quizalofop-P-tefuryl กำหนดและปรับปรุงค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
บร็อกโคลี่	0.01	0.7
หอมหัวใหญ่	0.05	0.02
หน่อไม้ฝรั่ง	0.3	0.02
ผักโขม	0.05	0.01



1.6 Tebufenpyrad กำหนดและปรับปรุงค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
แตงกวา	0.5	0.3
มะนาว	1	0.5
น้ำผึ้ง	0.1	0.05

2. ยาสำหรับสัตว์ จำนวน 2 รายการ

2.1 Hydrocortisone กำหนดค่า MRL จำนวน 1 รายการ ได้แก่

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
นม	0.01	0.01

2.2 Mosapride กำหนดค่า MRL จำนวน 1 รายการ ได้แก่

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
นม	0.01	0.07

3. ยาสำหรับสัตว์และสารปรุงแต่งอาหารสัตว์ จำนวน 1 รายการ

3.1 Ethopabate กำหนดค่า MRL ในบางรายการ เช่น

รายการ	MRL ปัจจุบัน (ppm)	MRL ใหม่ (ppm)
เนื้อไก่	0.04	0.04
ตัวยาสัตว์ปีกอื่นๆ	20	20

ทั้งนี้ MHWL มีกำหนดจะปรับแก้มาตรฐานและข้อกำหนดให้เป็นไปตามรายละเอียดข้างต้นตามเอกสารแนบ จากนั้นจะดำเนินการแจ้งเวียน SPS ต่อไป กรณีมีความคิดเห็นสามารถส่งเอกสารภาษาญี่ปุ่นหรือภาษาอังกฤษไปยัง MHWL ภายในวันที่ 13 ตุลาคม 2566 หากเลยวันกำหนดดังกล่าว สามารถยื่นเรื่องผ่านช่องทางตามข้อกำหนด WTO/SPS

อนึ่ง ตามกฎหมายสุขอนามัยอาหาร (Food Sanitation Act) ตามมาตราที่ 13 วรรค 1¹ ได้กำหนดให้รัฐมนตรีว่าการกระทรวงสาธารณสุข ญี่ปุ่น (MHLW) สามารถกำหนดมาตรฐานสารเคมีทางการเกษตรที่ตกค้างในอาหาร สารเจือปนในอาหารสัตว์ และยาสำหรับสัตว์ ทั้งนี้ผลิตภัณฑ์อาหารที่จำหน่ายในประเทศญี่ปุ่นจะต้องเป็นไปตามมาตรฐานดังกล่าว นอกจากนี้ MHLW เริ่มใช้ระบบ Positive List เกี่ยวกับสารเคมีทาง

¹ กฎหมายสุขอนามัยอาหาร (Food Sanitation Act)

"มาตรา 13 วรรค 1" รัฐมนตรีว่าการกระทรวงสาธารณสุข แรงงาน และสวัสดิการสังคม สามารถกำหนดมาตรฐานเกี่ยวกับวิธีการผลิต การแปรรูป การใช้ การปรุง หรือการเก็บรักษา ผลิตภัณฑ์อาหารหรือสารปรุงแต่ง สำหรับจำหน่าย หรือกำหนดมาตรฐานเกี่ยวกับส่วนผสมของผลิตภัณฑ์อาหารหรือสารปรุงแต่ง สำหรับจำหน่าย โดยรับฟังความคิดเห็นจากคณะกรรมการยาและสุขอนามัยอาหาร (Pharmaceutical Affairs and Food Sanitation Council)

"มาตรา 13 วรรค 2" เมื่อมีการกำหนดมาตรฐานตามมาตรา 13 วรรค 1 ห้ามให้มีการผลิต แปรรูป ใช้ ปรุง หรือเก็บรักษา ผลิตภัณฑ์อาหารหรือสารปรุงแต่ง โดยวิธีที่ไม่เป็นไปตามมาตรฐานดังกล่าว หรือห้ามให้มีการจำหน่าย หรือนำเข้า ผลิตภัณฑ์อาหารหรือสารปรุงแต่ง โดยวิธีที่ไม่เป็นไปตามมาตรฐานดังกล่าว หรือห้ามให้มีการผลิต นำเข้า แปรรูป ใช้ ปรุง เก็บรักษา หรือจำหน่าย ผลิตภัณฑ์อาหารหรือสารปรุงแต่งที่ไม่เป็นไปตามมาตรฐานดังกล่าว



การเกษตร ฯลฯ² เมื่อวันที่ 29 พฤษภาคม 2549 และกำหนดให้ผลิตภัณฑ์อาหารทุกชนิดที่จำหน่ายในญี่ปุ่นต้องเป็นไปตามข้อกำหนดดังกล่าว

หมายเหตุ: ร่างมาตรฐานอาจได้รับการปรับปรุงแก้ไขก่อนการแจ้งเวียน SPS หรือก่อนออกประกาศบังคับใช้ตามกฎหมายญี่ปุ่น จึงควรตรวจสอบข้อมูลที่เป็นปัจจุบันก่อนการอ้างอิง หรือสืบค้นค่า MRLs ได้จากฐานข้อมูล MRLs of Agricultural Chemicals in Food ทาง <https://db.ffcr.or.jp/front/>

² ระบบ Positive List โดยหลักการแล้ว ห้ามให้มีการจำหน่ายผลิตภัณฑ์อาหารที่มีสารเคมีทางการเกษตรตกค้างเกินกว่าปริมาณ 0.01 ppm ยกเว้นกรณีที่มีการกำหนดมาตรฐานสารตกค้าง

The 258th Conference for Promotion of Food Import Facilitation

Item and Contact Information

Item: 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 System* 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.

Pesticides : Chlorfluazuron, Fluxametamide, Isofetamid, 1-Methylcyclopropene, Quizalofop-ethyl and Quizalofop-P-tefuryl, Tebufenpyrad

Veterinary drugs : Hydrocortisone, Mosapride

Veterinary drug and Feed additive : Ethopabate

(See the “MRL table” for details)

<The manner of submitting comments>

The MHLW will amend the existing standards and specifications for food as shown in this document. Please provide comments in writing by **Friday, October 13, 2023**. After the given date, comments should be directed to the enquiry point in accordance with the WTO/SPS Agreement.

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.

< Contact person >

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Office of Agricultural and Veterinary Chemical Residue,
Food Safety Standards and Evaluation Division
Public Health Bureau §,
Ministry of Health, Labour and Welfare
1-2-2, Chiyoda-ku, Kasumigaseki, Tokyo, 100-8916

*: The aim of the positive list system on “agricultural and veterinary chemicals” 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.

§: Revision of department and office name due to reorganization from 1st September 2023

Chlorfluazuron

Commodity	MRL (draft) ppm	MRL (current) ppm
Soybeans, dry	0.2	0.2
Sweet potato	0.05	0.05
Japanese yam (including Chinese yam)	0.05	0.05
Sugar beet	●	0.2
Japanese radish, roots (including radish)	● 0.01	0.03
Japanese radish, leaves (including radish)	● 0.6	0.7
Chinese cabbage	0.3	0.3
Cabbage	○ 0.4	0.1
Cauliflower	0.3	0.3
Broccoli	0.2	0.2
Burdock	0.01	
Lettuce (including cos lettuce and leaf lettuce)	2	2
Other composite vegetables ¹	1	1
Welsh onion (including leek)	● 0.3	0.5
Multiplying onion (including shallot)	0.3	0.3
Tomato	1	1
Pimiento (sweet pepper)	1	1
Egg plant	0.5	0.5
Other solanaceous vegetables ²	2	2
Water melon	/	0.05
Water melon (whole commodity after removal of stems)	0.2	/
Melons	/	0.05
Melons (whole commodity after removal of stems)	0.2	/
Okra	0.5	0.5
Peas, immature (with pods)	0.7	0.7
Kidney beans, immature (with pods)	2	2
Green soybeans	1	1
Other vegetables ³	2	2
Apple	2	2
Japanese pear	0.8	0.8
Pear	0.8	0.8
Peach	/	0.05
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	0.5	/
Cherry	● 0.4	0.5
Strawberry	0.5	0.5
Grape	1	1
Japanese persimmon	0.5	0.5
Tea	● 5	10

Commodity	MRL (draft) ppm	MRL (current) ppm
Other herbs ⁴	2	2
Cattle, muscle	● 0.01	0.02
Pig, muscle	● 0.01	0.02
Other terrestrial mammals ⁵ , muscle	● 0.01	0.02
Cattle, fat	● 0.2	0.4
Pig, fat	● 0.2	0.4
Other terrestrial mammals, fat	● 0.2	0.4
Cattle, liver	● 0.02	0.03
Pig, liver	● 0.02	0.03
Other terrestrial mammals, liver	● 0.02	0.03
Cattle, kidney	● 0.01	0.02
Pig, kidney	● 0.01	0.02
Other terrestrial mammals, kidney	● 0.01	0.02
Cattle, edible offal ⁶	● 0.02	0.03
Pig, edible offal	● 0.02	0.03
Other terrestrial mammals, edible offal	● 0.02	0.03
Milk	● 0.02	0.03
Chicken, muscle	○ 0.04	0.02
Other poultry ⁷ , muscle	○ 0.04	0.02
Chicken, fat	○ 0.3	0.2
Other poultry, fat	○ 0.3	0.2
Chicken, liver	○ 0.04	0.02
Other poultry, liver	○ 0.04	0.02
Chicken, kidney	○ 0.04	0.02
Other poultry, kidney	○ 0.04	0.02
Chicken, edible offal	○ 0.04	0.02
Other poultry, edible offal	○ 0.04	0.02
Chicken eggs	○ 0.04	0.02
Other poultry, eggs	○ 0.04	0.02
Honey (including royal-jelly)	0.05	0.05

● : Commodities for which MRLs are to be lowered.

○ : Commodities for which MRLs are to be raised.

NOTE: The residue definition is Chlorfluazuron only.
The residue definition will not be changed.

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

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

* Regarding the MRLs in food categories, "Water melon", "Melons", and "Peach" will be abolished, whereas new MRLs will be established in foods categorized as "Water melon (whole commodity after removal of stems)", "Melons (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.

1. "Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, shungiku, lettuce (including cos lettuce and leaf lettuce) and herbs.
2. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimiento (sweet pepper) and egg plant.
3. "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.
4. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
5. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
6. "Edible offal" refers to all edible parts, except muscle, fat, liver and kidney.
7. "Other poultry" refers to all poultry, except chicken.

Fluxametamide

Commodity	MRL (draft) ppm	MRL (current) ppm
Corn (maize, including pop corn and sweet corn)	0.01	0.01
Soybeans, dry	0.01	0.01
Beans, dry ¹	0.01	0.01
Peas	0.01	0.01
Broad beans	0.01	0.01
Other pulses ²	0.01	0.01
Taro	0.01	0.01
Sweet potato	0.01	0.01
Japanese yam (including Chinese yam)	0.01	0.01
Japanese radish, roots (including radish)	0.07	0.07
Japanese radish, leaves (including radish)	7	7
Turnip, roots (including rutabaga)	○ 0.1	
Turnip, leaves (including rutabaga)	○ 8	
Chinese cabbage	0.8	0.8
Cabbage	1	1
Kale	2	2
Komatsuna (Japanese mustard spinach)	2	2
Kyona	2	2
Qing-geng-cai	2	2
Cauliflower	2	2
Broccoli	2	2
Other cruciferous vegetables ³	2	2
Lettuce (including cos lettuce and leaf lettuce)	10	10
Other composite vegetables ⁴	10	10
Onion	0.01	0.01
Welsh onion (including leek)	2	2
Garlic	○ 0.05	
Nira	6	6
Asparagus	1	1
Other liliaceous vegetables ⁵	0.05	0.05
Tomato	1	1
Pimiento (sweet pepper)	2	2
Egg plant	0.3	0.3
Other solanaceous vegetables ⁶	○ 4	
Cucumber (including gherkin)	0.4	0.4
Water melon (whole commodity after removal of stems)	0.2	0.2
Melons (whole commodity after removal of stems)	0.4	0.4
Okra	2	2
Ginger	0.02	0.02

Commodity	MRL (draft) ppm	MRL (current) ppm
Peas, immature (with pods)	3	3
Kidney beans, immature (with pods)	2	2
Green soybeans	4	4
Other vegetables ⁷	4	4
Unshu orange (whole commodity)	0.7	0.7
Citrus natsudaidai, whole	● 0.5	0.7
Lemon	● 0.5	0.7
Orange (including navel orange)	0.7	0.7
Grapefruit	● 0.5	0.7
Lime	● 0.5	0.7
Other citrus fruits ⁸	0.7	0.7
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	0.3	0.3
Nectarine	0.3	0.3
Apricot	0.9	0.9
Japanese plum (including prune)	0.05	0.05
Mume plum	0.9	0.9
Strawberry	1	1
Grape	0.7	0.7
Other fruits ⁹	0.7	0.7
Tea	6	6
Other spices ¹⁰	4	4
Other herbs ¹¹	20	20
Aquatic animals	0.09	0.09
Honey (including royal-jelly)	0.05	0.05

● : Commodities for which MRLs are to be lowered.

○ : Commodities for which MRLs are to be raised.

NOTE: The residue definition is Fluxametamide only.
The residue definition will not be changed.

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

1. "Beans, dry" includes butter beans, cowbeans (red beans), lentil, kidney beans, lima beans, pegia, sultani, sultapya and white beans.
2. "Other pulses" refers to all pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry) and spices.
3. "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.
4. "Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, shungiku, lettuce (including cos lettuce and leaf lettuce) and herbs.

5. "Other liliaceous vegetables" refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, nira, asparagus, multiplying onion and herbs.
6. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimiento (sweet pepper) and egg plant.
7. "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.
8. "Other citrus fruits" refers to all citrus fruits, except unshu orange, citrus natsudaïdai, citrus natsudaïdai (peels), citrus natsudaïdai (whole), lemon, orange (including navel orange), grapefruit, lime and spices.
9. "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.
10. "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.
11. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.

Isofetamid

Commodity	MRL (draft) ppm	MRL (current) ppm
Soybeans, dry	0.05	0.05
Beans, dry ¹	0.09	0.09
Peas	0.09	0.09
Broad beans	0.09	0.09
Other pulses ²	0.09	0.09
Chinese cabbage	○ 7	
Cabbage	9	9
Cauliflower	○ 15	
Broccoli	○ 15	
Other cruciferous vegetables ³	○ 15	
Lettuce (including cos lettuce and leaf lettuce)	○ 90	80
Onion	0.05	0.05
Welsh onion (including leek)	0.6	0.6
Tomato	6	6
Egg plant	2	2
Cucumber (including gherkin)	1	1
Water melon (whole commodity after removal of stems)	○ 2	
Melons (whole commodity after removal of stems)	2	2
Peas, immature (with pods)	20	20
Kidney beans, immature (with pods)	0.6	0.6
Green soybeans	0.6	0.6
Other vegetables ⁴	● 0.6	2
Unshu orange (whole commodity)	7	7
Citrus natsudaikai, whole	4	4
Lemon	● 3	7
Orange (including navel orange)	7	7
Grapefruit	● 4	7
Lime	● 3	7
Other citrus fruits ⁵	7	7
Apple	0.6	0.6
Japanese pear	0.6	0.6
Pear	0.6	0.6
Quince	0.6	0.6
Loquat (whole commodity after removal of stems)	0.6	0.6
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	5	5
Nectarine	3	3
Apricot	3	3
Japanese plum (including prune)	0.8	0.8

Commodity	MRL (draft) ppm	MRL (current) ppm
Mume plum	8	8
Cherry	10	10
Strawberry	7	7
Raspberry	4	4
Blackberry	4	4
Blueberry	5	5
Cranberry	5	5
Huckleberry	5	5
Other berries ⁶	10	10
Grape	10	10
Japanese persimmon	1	1
Kiwifruit (whole commodity)	10	10
Passion fruit	10	10
Other fruits ⁷	10	10
Sesame seeds	0.02	0.02
Rapeseeds	0.02	0.02
Other oil seeds ⁸	0.02	0.02
Almond	0.01	0.01
Other spices ⁹	40	40
Other herbs ¹⁰	0.02	0.02
Cattle, muscle	0.02	0.02
Pig, muscle	○ 0.02	
Other terrestrial mammals ¹¹ , muscle	0.02	0.02
Cattle, fat	0.02	0.02
Pig, fat	○ 0.02	
Other terrestrial mammals, fat	0.02	0.02
Cattle, liver	0.07	0.07
Pig, liver	○ 0.07	
Other terrestrial mammals, liver	0.07	0.07
Cattle, kidney	0.07	0.07
Pig, kidney	○ 0.07	
Other terrestrial mammals, kidney	0.07	0.07
Cattle, edible offal ¹²	0.07	0.07
Pig, edible offal	○ 0.07	
Other terrestrial mammals, edible offal	0.07	0.07
Milk	0.01	0.01
Chicken, muscle	0.01	0.01
Other poultry ¹³ , muscle	0.01	0.01
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

Commodity	MRL (draft) ppm	MRL (current) ppm
Chicken, kidney	0.01	0.01
Other poultry, kidney	0.01	0.01
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
Honey (including royal-jelly)	○ 0.05	

● : Commodities for which MRLs are to be lowered.

○ : Commodities for which MRLs are to be raised.

NOTE: The residue definition for both agricultural products and honey is to be Isofetamid only. The residue definition for animal commodities is to be the sum of isofetamid and its metabolite C[2-[3-methyl-4-[2-methyl-2-(3-methylthiophene-2-carboxamido) propanoyl] phenoxy] propanoic acid], expressed as isofetamid.

The residue definition will not be changed.

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

1. "Beans, dry" includes butter beans, cowbeans (red beans), lentil, kidney beans, lima beans, pegia, sultani, sultapya and white beans.
2. "Other pulses" refers to all pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry) and spices.
3. "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.
4. "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.
5. "Other citrus fruits" refers to all citrus fruits, except unshu orange, citrus natsudaiddai, citrus natsudaiddai (peels), citrus natsudaiddai (whole), lemon, orange (including navel orange), grapefruit, lime and spices.
6. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry and huckleberry.
7. "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.
8. "Other oil seeds" refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.
9. "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.

10. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
11. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
12. "Edible offal" refers to all edible parts, except muscle, fat, liver and kidney.
13. "Other poultry" refers to all poultry, except chicken.

1-Methylcyclopropene

Commodity	MRL (draft) ppm	MRL (current) ppm
Potato	0.01	0.01
Broccoli	0.01	
Carrot	0.01	
Tomato	0.01	
Cucumber (including gherkin)	0.01	
Melons (whole commodity after removal of stems)	0.01	
Apple	0.01	0.01
Japanese pear	0.01	0.01
Pear	0.01	0.01
Nectarine	0.01	
Apricot	0.01	
Japanese plum (including prune)	0.01	0.01
Japanese persimmon	0.01	0.01
Banana	0.01	0.01
Kiwifruit (whole commodity)	0.01	0.01
Avocado	0.01	

NOTE: The residue definition is 1-Methylcyclopropene only.
The residue definition will not be changed.

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

Quizalofop-ethyl and Quizalofop-P-tefuryl

Commodity	MRL (draft) ppm	MRL (current) ppm
Wheat	○ 0.05	
Barley	○ 0.05	
Buckwheat	○ 3	
Soybeans, dry	○ 0.5	0.3
Beans, dry ¹	● 0.1	0.2
Peas	0.2	0.2
Broad beans	0.2	0.2
Peanuts, dry	● 0.02	0.1
Other pulses ²	0.2	0.2
Potato	0.1	0.1
Sweet potato	● 0.05	0.1
Japanese yam (including Chinese yam)	● 0.05	0.1
Sugar beet	0.1	0.1
Japanese radish, roots (including radish)	0.2	0.2
Japanese radish, leaves (including radish)	10	10
Chinese cabbage	● 0.02	0.3
Cabbage	0.3	0.3
Brussels sprouts	●	0.3
Cauliflower	0.05	0.05
Broccoli	○ 0.7	
Burdock	○ 0.02	
Onion	● 0.02	0.05
Welsh onion (including leek)	●	0.05
Garlic	●	0.05
Asparagus	● 0.02	0.3
Carrot	● 0.05	0.1
Celery	● 0.1	0.3
Tomato	● 0.02	0.05
Cucumber (including gherkin)	0.02	0.02
Pumpkin (including squash)	0.02	0.02
Water melon	● 0.02	0.05
Melons		0.02
Melons (whole commodity after removal of stems)	0.02	
Spinach	●	0.05
Peas, immature (with pods)	● 0.05	0.2
Kidney beans, immature (with pods)	0.2	0.2
Green soybeans	0.3	0.3
Other vegetables ³	0.02	0.02
Unshu orange (whole commodity)	0.01	

Commodity	MRL (draft) ppm	MRL (current) ppm
Citrus natsudaidai, whole	0.01	
Lemon	0.01	
Orange (including navel orange)	0.01	
Grapefruit	0.01	
Lime	0.01	
Other citrus fruits ⁴	0.01	
Apple	● 0.01	0.05
Peach		0.05
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	0.01	
Strawberry	● 0.02	0.05
Raspberry	●	0.05
Blackberry	●	0.05
Blueberry	●	0.05
Cranberry	●	0.05
Huckleberry	●	0.05
Other berries ⁵	●	0.05
Grape	● 0.01	0.02
Japanese persimmon	0.01	
Pineapple	0.05	0.05
Sunflower seeds	○ 3	0.05
Safflower seeds	○ 3	0.01
Cotton seeds	● 0.05	0.1
Rapeseeds	1	1
Other oil seeds ⁶	0.05	0.05
Other spices ⁷	0.01	
Other herbs ⁸	2	2
Cattle, muscle	0.02	0.02
Pig, muscle	0.02	0.02
Other terrestrial mammals ⁹ , muscle	0.02	0.02
Cattle, fat	0.05	0.05
Pig, fat	0.05	0.05
Other terrestrial mammals, fat	0.05	0.05
Cattle, liver	● 0.05	0.1
Pig, liver	● 0.05	0.1
Other terrestrial mammals, liver	● 0.05	0.1
Cattle, kidney	● 0.05	0.1
Pig, kidney	● 0.05	0.1
Other terrestrial mammals, kidney	● 0.05	0.1
Cattle, edible offal ¹⁰	● 0.05	0.1
Pig, edible offal	● 0.05	0.1

Other terrestrial mammals, edible offal	●	0.05	0.1
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Commodity	MRL (draft) ppm	MRL (current) ppm
Milk	● 0.01	0.04
Chicken, muscle	0.02	0.02
Other poultry ¹¹ , muscle	0.02	0.02
Chicken, fat	0.05	0.05
Other poultry, fat	0.05	0.05
Chicken, liver	0.05	0.05
Other poultry, liver	0.05	0.05
Chicken, kidney	0.05	0.05
Other poultry, kidney	0.05	0.05
Chicken, edible offal	0.05	0.05
Other poultry, edible offal	0.05	0.05
Chicken eggs	0.02	0.02
Other poultry, eggs	0.02	0.02
Aquatic animals	0.1	0.1
Honey (including royal-jelly)	○ 0.05	

● : Commodities for which MRLs are to be lowered.

○ : Commodities for which MRLs are to be raised.

NOTE: Residue definition is the sum of Quizalofop-ethyl, Quizalofop-P-ethyl, Quizalofop-P-tefuryl and metabolite B[2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid], including its all metabolites converted into metabolite B with hydrolysis, expressed as metabolite B.

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

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

* Regarding the MRLs in food categories, "Melons" and "Peach" will be abolished, whereas new MRLs will be established in foods categorized as "Melons (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.

1. "Beans, dry" includes butter beans, cowbeans (red beans), lentil, kidney beans, lima beans, pinto, sultani, sultapya and white beans.

2. "Other pulses" refers to all pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry) and spices.

3. "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.

4. "Other citrus fruits" refers to all citrus fruits, except unshu orange, citrus natsudaikai, citrus natsudaikai (peels), citrus natsudaikai (whole), lemon, orange (including navel orange), grapefruit, lime and spices.

5. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry and huckleberry.
6. "Other oil seeds" refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.
7. "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.
8. "Other herbs" refers to all herbs, except watercress, nira, parsley stems and leaves, celery stems and leaves.
9. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.
10. "Edible offal" refers to all edible parts, except muscle, fat, liver and kidney.
11. "Other poultry" refers to all poultry, except chicken.

Tebufenpyrad

Commodity	MRL (draft) ppm	MRL (current) ppm
Beans, dry ¹	0.2	0.2
Taro	0.05	0.05
Tomato	0.8	0.8
Egg plant	0.5	0.5
Other solanaceous vegetables ²	○ 0.5	
Cucumber (including gherkin)	● 0.3	0.5
Water melon		0.05
Water melon (whole commodity after removal of stems)	0.07	
Melons		0.05
Melons (whole commodity after removal of stems)	0.2	
Other vegetables ³	3	3
Unshu orange, pulp		0.05
Unshu orange (whole commodity)	1	
Citrus natsudaiddai, whole	0.7	0.7
Lemon	● 0.5	1
Orange (including navel orange)	1	1
Grapefruit	● 0.7	1
Lime	● 0.5	1
Other citrus fruits ⁴	1	1
Apple	1	1
Japanese pear	0.5	0.5
Pear	0.5	0.5
Peach		0.03
Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)	1	
Nectarine	0.4	0.4
Apricot	0.4	0.4
Japanese plum (including prune)	●	0.2
Cherry	1	1
Strawberry	1	1
Raspberry	●	0.2
Other berries ⁵	●	2
Grape	0.5	0.5
Japanese persimmon	0.3	0.3
Papaya	0.5	0.5
Mango	0.2	0.2
Other fruits ⁶	0.3	0.3
Tea	2	2
Other spices ⁷	5	5

Commodity	MRL (draft) ppm	MRL (current) ppm
Honey (including royal-jelly)	○ 0.05	

● : Commodities for which MRLs are to be lowered.

○ : Commodities for which MRLs are to be raised.

NOTE: The residue definition is Tebufenpyrad only.

The residue definition will not be changed.

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

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

* Regarding the MRLs in food categories, "Water melon", "Melons", "Unshu orange, pulp", and "Peach" will be abolished, whereas new MRLs will be established in foods categorized as "Water melon (whole commodity after removal of stems)", "Melons (whole commodity after removal of stems)", "Unshu orange (whole commodity)", and "Peach (whole commodity after removal of stems and stones but the residue calculated and expressed on the whole commodity without stems)", respectively.

1. "Beans, dry" includes butter beans, cowbeans (red beans), lentil, kidney beans, lima beans, pedia, sultani, sultapya and white beans.
2. "Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimienta (sweet pepper) and egg plant.
3. "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.
4. "Other citrus fruits" refers to all citrus fruits, except unshu orange, citrus natsudaikai, citrus natsudaikai (peels), citrus natsudaikai (whole), lemon, orange (including navel orange), grapefruit, lime and spices.
5. "Other berries" refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry and huckleberry.
6. "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.
7. "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.

Hydrocortisone

Commodity	MRL (draft) ppm	MRL (current) ppm
Milk	0.01	0.01

NOTE: The residue definition is Hydrocortisone only.
The residue definition will not be changed.

- * The uniform limit 0.01 ppm will be applied to commodities not listed above.
- * Shaded figures indicate provisional MRLs.

Mosapride

Commodity	MRL (draft) ppm	MRL (current) ppm
Cattle, muscle	0.01	0.01
Other terrestrial mammals ¹ , muscle	0.04	0.04
Cattle, fat	0.01	0.01
Other terrestrial mammals, fat	0.2	0.2
Cattle, liver	0.3	0.3
Other terrestrial mammals, liver	0.7	0.7
Cattle, kidney	0.2	0.2
Other terrestrial mammals, kidney	0.4	0.4
Cattle, edible offal ²	0.3	0.3
Other terrestrial mammals, edible offal	0.7	0.7
Milk	○ 0.07	0.01

○ : Commodities for which MRLs are to be raised.

NOTE: The residue definition is to be the sum of Mosapride and its metabolite M-1[des-*p* - fluorobenzyl mosapride], expressed as Mosapride.
The residue definition will not be changed.

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

1. "Other terrestrial mammals" refers to all terrestrial mammals, except cattle and pig.

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

Ethopabate

Commodity	MRL (draft) ppm	MRL (current) ppm
Chicken, muscle	0.04	0.04
Other poultry ¹ , muscle	5	5
Chicken, fat	0.04	0.04
Other poultry, fat	5	5
Chicken, liver	0.04	0.04
Other poultry, liver	20	20
Chicken, kidney	0.04	0.04
Other poultry, kidney	20	20
Chicken, edible offal ²	0.04	0.04
Other poultry, edible offal	20	20

NOTE: The residue definition is Ethopabate only.

The residue definition will not be changed.

* Not the uniform limit of 0.01 ppm but the regulation that foods shall not contain any antibiotics or chemically synthesized substances will be applied to the commodities for which MRLs are not listed above, since this substance is considered to be an antibiotic or chemically synthesized antibacterial substance.

* Shaded figures indicate provisional MRLs.

1. "Other poultry" refers to all poultry, except chicken.

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