Maximum residue levels for mefentrifluconazole

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EU adopts Codex MRLs for mefentrifluconazole on multiple products

Commission Regulation (EU) 2025/1164 of 13 June 2025 amending Annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for cyantraniliprole, cyflumetofen, deltamethrin, mefentrifluconazole, mepiquat and oxathiapiprolin in or on certain products

Update

The European Union (EU) has raised the maximum residue levels (MRLs) for mefentrifluconazole on lettuces and oats, in line with Codex Alimentarius MRLs (CXLs) adopted in 2024.

Impacted products

Lettuces, oats, grapefruits, oranges, lemons, limes, mandarins, almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, walnuts, pistachios, apricots, peaches, cherries (sweet), plums, wine grapes, strawberries, blackberries, dewberries, raspberries (red and yellow), blueberries, currants, gooseberries, rose hips, elderberries, cranberries, mulberries, azaroles, kumquats, avocados, bananas, mangoes, papayas, table olives, kaki/Japanese persimmons, potatoes, cassava roots/manioc, sweet potatoes, yams, arrowroots, beetroots, carrots, celeriacs/turnip rooted celeries, horseradishes, parsnips, parsley roots, radishes, salsifies, swedes, turnips, Jerusalem artichokes, garlic, onions, shallot, spring onions/green onions and Welsh onions, tomatoes, sweet peppers/bell peppers, aubergines/eggplants, okra/lady's fingers, melons, pumpkins, watermelons, sweet corn, cucumbers, gherkins, courgettes, broccoli, cauliflowers, Brussels sprouts, head cabbages, Roman rocket/rucola, baby leaf crops, spinaches, chervil, chives, celery leaves, parsley, sage, rosemary, thyme, basil and edible flowers, laurel/bay leaves, tarragon, beans (with pods), peas (with pods), beans (without pods), peas (without pods), cardoons, celeries, Florence fennels, rhubarbs, globe artichokes, peas, lupins, beans, lentils, linseeds, poppy seeds, mustard seeds, gold of pleasure seeds, sesame seeds, borage seeds, rapeseeds/canola seeds, sunflower seeds, soyabeans, cotton seeds, safflower seeds, barley, common millet/proso millet, rice, rye, wheat, sorghum, coffee beans, ginseng, sugar canes, chicory roots, olives for oil production, hops, swine liver

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What is changing?

The EU has raised the MRLs for mefentrifluconazole on lettuces from 0.01 mg/kg (the limit of determination, LOD) to 5 mg/kg; and on oats from 0.6 to 3 mg/kg. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

Why?

The new MRLs are in alignment with the new CXLs adopted in November 2024 (CAC 2024). The EU aligns MRLs with CXLs where they are not considered to be a concern for consumer safety following an evaluation by the European Food Safety Authority (EFSA 2024).

Timeline

The new MRLs for lettuces and oats apply from **6 July 2025**.

The previous changes to MRLs listed in Table 1 have applied from **6 May 2024**, and those listed in Table 2 have applied from **29 October 2024**.

Background

In 2024, the EU aligned the MRLs for mefentrifluconazole with the CXLs on various fruits, vegetables, oilseeds/fruits, hops, and swine liver (Regulation 2024/1078) and on multiple products (Regulation 2024/2633). See Tables 1 and 2 for details.

MRLs are set in accordance with the rules set out in Regulation 396/2005. For information on current MRLs for other substances, please consult the EU Pesticide Residues database.

Resources

CAC (2024) Report of the 55th Session of the Codex Committee on Pesticide Residues, Chengdu, Sichuan Province, P.R. China, 3–8 June 2024. Joint FAO/WHO Food Standards Programme, Codex Alimentarius Commission.

EFSA (2024) Scientific support for preparing an EU position in the 55th Session of the Codex Committee on Pesticide Residues. EFSA Journal, 22(7): e8841.

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Regulation (EU) 2024/2633 as regards maximum residue levels for azoxystrobin, famoxadone, flutriafol, mandipropamid and mefentrifluconazole in or on certain products

Regulation (EU) 2024/1078 as regards maximum residue levels for azoxystrobin, flonicamid, isofetamid, mefentrifluconazole, metazachlor, pyrimethanil and quartz sand in or on certain products

Sources

Commission Regulation (EU) 2025/1164 as regards maximum residue levels for cyantraniliprole, cyflumetofen, deltamethrin, mefentrifluconazole, mepiquat and oxathiapiprolin in or on certain products

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Tables & Figures

Table 1
Changes to maximum residue levels for mefentrifluconazole
(from 6 May 2024)

Food category	Products	Mefentrifluconazole (mg/kg)	
		Old MRL	New MRL
Citrus fruits	Grapefruits	0.01*	0.5
Berries and other small fruits	Cranberries, mulberries, azaroles	0.01*	2
Miscellaneous fruits	Table olives	0.01*	2
	Kaki/Japanese persimmons	0.01*	0.2
Root and tuber vegetables	Jerusalem artichokes	0.01*	0.1
Fruiting vegetables	Cucumbers, gherkins, courgettes	0.01*	0.3
Brassica vegetables	Broccoli, cauliflowers	0.01*	0.7
	Brussels sprouts	0.01*	0.4
	Head cabbages	0.01*	0.04
Leaf vegetables	Roman rocket/rucola, baby leaf crops, spinaches	0.01*	7
Herbs and edible flowers	Chervil, chives, celery leaves, parsley, sage, rosemary, thyme, basil and edible flowers, laurel/bay leaves, tarragon	0.02*	7
Legume vegetables	Beans (without pods)	0.01*	0.04
	Peas (without pods)	0.01*	0.08
Stem vegetables	Cardoons, celeries, Florence fennels, rhubarbs	0.01*	3
	Globe artichokes	0.01*	0.7
Pulses	Peas, lupins	0.01*	0.2
Oil fruits	Olives for oil production	0.01*	3
Hops		0.05*	15
Products of animal origin	Swine liver	0.015	0.02

* Limit of determination (LOD, the lowest level that can be detected using the most modern and reliable analytical methods).

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Source: based on Regulation 2024/1078

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Table 2
Changes to maximum residue levels for mefentrifluconazole
(from 29 October 2024)

Food category	Products	Mefentrifluconazole (mg/kg)	
		Old MRL	New MRL
Citrus fruits	Oranges	0.5	1
	Lemons, limes, mandarins	0.5	1.5
Tree nuts	Almonds, Brazil nuts, cashews, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, walnuts	0.01*	0.06
	Pistachios	0.05	0.06
Stone fruits	Apricots, peaches	0.7	2
	Cherries (sweet)	2	5
	Plums	0.5	1.5
Berries and other small fruits	Wine grapes	0.9	2
	Strawberries	0.8	2
	Blackberries, dewberries, raspberries (red and yellow)	0.01*	3
	Blueberries, currants, gooseberries, rose hips, elderberries	2	5
Miscellaneous fruits	Kumquats	0.01*	1.5
	Avocados	0.01*	1
	Bananas	0.01*	1.5
	Mangoes	0.01*	0.6
	Papayas	0.01*	0.5
Root and tuber vegetables	Potatoes, cassava roots/manioc, sweet potatoes, yams, arrowroots	0.01*	0.05
	Beetroots, carrots, celeriacs/turnip rooted celeries, horseradishes, parsnips, parsley roots, radishes, salsifies, swedes, turnips	0.1	0.5
Bulb vegetables	Garlic, onions, shallot	0.01*	0.2
	Spring onions/green onions, Welsh onions	0.01*	4
Fruiting vegetables	Tomatoes	0.4	0.7
	Sweet peppers/bell peppers	0.9	1.5
	Aubergines/eggplants	0.4	1.5
	Okra/lady's fingers	0.01*	1.5
	Melons, pumpkins, watermelons	0.3	0.5
	Sweet corn	0.01*	0.04
Legume vegetables	Beans (with pods)	0.01*	0.05
	Peas (with pods)	0.01*	0.15
Pulses	Beans	0.01*	0.07
	Lentils	0.2	1.5
Oilseeds	Linseeds, poppy seeds, mustard seeds, gold of pleasure seeds	0.08	1
	Sesame seeds, borage seeds	0.01*	1
	Rapeseeds/canola seeds	0.06	1
	Sunflower seeds	0.05	0.15
	Soyabeans	0.01*	0.4
	Cotton seeds	0.01*	0.2
	Safflower seeds	0.01*	0.15
Cereals	Barley	0.6	3
	Common millet/proso millet	0.01*	2
	Rice	0.01*	1.5
	Rye, wheat	0.05	0.4
	Sorghum	0.01*	2
Coffee beans	Coffee beans	0.05*	0.4
Herbal infusions	Ginseng	0.05*	0.5
Sugar plants	Sugar canes	0.01*	1.5
	Chicory roots	0.01*	0.5

* Limit of determination.

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Source: based on Regulation 2024/2633

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