Maximum residue levels for mandipropamid

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EU discusses lowering MRLs for mandipropamid on sweet peppers and melons in line with Codex standards

Draft Commission Regulation (EU) amending Annexes II, III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for carbofuran, imazalil, mandipropamid, propaquizafop, quizalofop-P-ethyl and quizalofop-P-tefuryl in or on certain products

Draft Annex II (PLAN/2025/2832)

Update

The European Union (EU) is proposing to lower the maximum residue levels (MRLs) for mandipropamid on sweet peppers and melons.

This follows MRL increases for mandipropamid on a number of products in 2023 and 2024, as summarised in Table 1.

Impacted products

Sweet peppers, melons

What is changing?

The EU is proposing to lower the MRLs for mandipropamid on sweet peppers from 1 mg/kg to 0.7 mg/kg, and on melons from 0.5 mg/kg to 0.4 mg/kg.

Why?

The proposed MRLs for sweet peppers and melons are aligned with Codex Alimentarius Commission maximum residue limits (CXLs) for mandipropamid on these products, and with a view to setting MRLs at levels as low as reasonably achievable. The European Food Safety Authority (EFSA 2023a) did not identify risks to consumers in the EU at current levels.

Timeline

The MRLs under discussion for sweet peppers and melons are expected to apply from **mid-2027**.

The MRLs on gherkins, pumpkins, watermelons, and radish leaves have applied since 29 October 2024.

MRL increases for mandipropamid on papayas have applied since February 2024, and MRLs for citrus fruits, kumquats, and animal fats have applied since June 2023.

Recommended Actions

To ensure compliance with the new MRLs, suppliers of sweet peppers and melons should review their use of mandipropamid and assess where changes will be needed to existing GAPs.

Background

In October 2024, the EU raised the MRL on gherkins from 0.01 mg./kg to 0.2 mg/kg; on pumpkins and watermelons from 0.3 mg/kg to 0.4 mg/kg based on new CXLs; and the MRL on radish leaves from 25 mg/kg to 50 mg/kg after a request for modification of the MRL and EFSA's (EFSA 2023b) evaluation that the requested modification is safe.

Previously, the MRL on radish leaves was modified after EFSA (2023b) concluded that the modification was acceptable for consumer safety. The EU also accepted an import tolerance MRL with reference to the use of mandipropamid on papayas from Brazil. On the basis of an evaluation by EFSA (2023c), it was concluded that there were no risks to consumers at the proposed level.

The MRL increases in 2023 reflected CXLs that were adopted and subsequently evaluated as safe by EFSA (2022).

These earlier MRL changes are shown in Table 1.

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.

For further information on the setting of import tolerances, see Pesticide residue import tolerance MRLs explained.

Resources

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

Commission Regulation (EU) 2024/344 as regards maximum residue levels for mandipropamid in or on certain products

Commission Regulation (EU) 2023/1069 as regards maximum residue levels for bixafen, cyprodinil, fenhexamid, fenpicoxamid, fenpyroximate, flutianil, isoxaflutole, mandipropamid, methoxyfenozide, and spinetoram in or on certain products

EFSA (2022) Scientific support for preparing an EU position in the 53rd session of the codex committee on pesticide residues (CCPR). EFSA Journal, 20(9): e07521.

EFSA (2023a) Scientific support for preparing an EU position in the 54th Session of the Codex Committee on Pesticide Residues (CCPR). EFSA Journal, 21(8): e08111.

EFSA (2023b) Modification of the existing maximum residue level for mandipropamid in radish leaves. EFSA Journal, 21(12): e8421.

EFSA (2023c) Setting of import tolerances for mandipropamid in papayas. EFSA Journal, 21(1): e07741.

Sources

Draft Commission Regulation (EU) as regards maximum residue levels for carbofuran, imazalil, mandipropamid, propaquizafop, quizalofop-P-ethyl and quizalofop-P-tefuryl in or on certain products

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Table & Figures

Table 1
Changes to maximum residue levels for mandipropamid

Food category	Products	Mandipropamid (mg/kg)		
		Old MRL	New MRL	New MRL applies from
Cucurbits	Gherkins	0.01*	0.2	29 October 2024
	Pumpkins, watermelons	0.3	0.4	
Kales	Radish leaves	25	50	
Citrus fruit	Grapefruits	0.01*	0.2	22 June 2023
	Oranges	0.01*	0.4	
	Lemons, limes, mandarins	0.01*	0.5	
Miscellaneous fruits	Kumquats	0.01*	0.5	
	Papayas	0.01*	0.8	12 February 2024
Animal products	Fat from swine, cattle, sheep, goats, horses, other farmed animals	0.01*	0.02	22 June 2023

* Limit of determination.

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Sources: based on Regulations 2023/1069, 2024/344, and 2024/2633