Maximum residue level for mepiquat

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EU raises MRL for mepiquat on grapes in line with Codex standards

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 level (MRL) for mepiquat on grapes, in line with the Codex Alimentarius MRL (CXL) adopted in 2024.

Impacted products

Grapes, oyster mushrooms

What is changing?

The EU has raised the MRL for mepiquat on grapes from 0.02 mg/kg (the limit of determination, LOD) to 5 mg/kg. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

Why?

The new MRL is in alignment with the CXL adopted in November 2024 (CAC 2024). The EU aligns MRLs with CXLs where they are not considered to be a concern for consumer safety.

Timeline

The new MRL applies from **6 July 2025**.

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Background

In May 2024, the EU raised the MRL for mepiquat on oyster mushrooms from 0.7 to 3 mg/kg (Regulation 2024/1439), after it received an application for the MRLs for this substance on cultivated mushrooms and oyster mushrooms to be modified. Based on the monitoring data, the European Food Safety Authority recommended the higher MRL for cultivated fungi (EFSA 2024).

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) Modification of the temporary maximum residue levels for mepiquat in cultivated fungi and oyster mushrooms. EFSA Journal, 22: e8476.

Regulation (EU) 2024/1439 of 24 May 2024 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 fenazaquin, mepiquat and propamocarb in or on certain products

Sources

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

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