Maximum residue levels for 2,4-DB

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EU reduces MRLs for 2,4-DB to 0.05 mg/kg on animal products

Commission Regulation (EU) 2024/1077 of 15 April 2024 amending Annex II to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for 2,4-DB, iodosulfuron-methyl, mesotrione and pyraflufen-ethyl in or on certain products

Update

The EU has reduced the maximum residue levels (MRLs) for 2,4-DB on animal products to the limit of determination (LOD, the lowest level that can be detected using the most modern and reliable analytical methods).

Impacted products

muscle, fat, liver, kidney and edible offals (bovine, sheep, goat, equine and other farmed terrestrial mammals), milk (cattle, sheep, goat, horse)

What is changing?

The EU has reduced the MRLs for 2,4-DB as summarised in Table 1.

Why?

During a review of the MRLs for 2,4-DB, EFSA (2023) identified gaps in the data that prevented them from confirming the safety of these MRLs in animal products. Therefore the MRLs for 2,4-DB on animal products have been reduced to the LOD.

Timeline

The new MRLs will apply from **6 November 2024**.

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Recommended Actions

Exporters of animal products should review the current presence of 2,4-DB in these products and, where necessary, take measures to exclude 2,4-DB from the supply chain.

Background

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

EFSA (2023) Statement on the lack of confirmatory data following Article 12 MRL reviews for 2,4-DB, iodosulfuron-methyl, mesotrione, methoxyfenozide and pyraflufen-ethyl. EFSA Journal, 21(5): 8013.

Sources

Regulation (EU) 2024/1077 as regards maximum residue levels for 2,4-DB, iodosulfuron-methyl, mesotrione and pyraflufen-ethyl in or on certain products

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Tables & Figures

Table 1
Changes to maximum residue levels for 2,4-DB

Food category	Products	2,4-DB (mg/kg)	
		Old MRL	New MRL
Animal products	Muscle and fat (bovine, sheep, goat, equine and other farmed terrestrial mammals)	0.2	0.05*
	Liver (bovine, sheep, goat, equine and other farmed terrestrial mammals)	0.4	0.05*
	Kidney and edible offals (bovine, sheep, goat, equine and other farmed terrestrial mammals)	0.1	0.05*
	Milk (cattle, sheep, goat, horse)	1.5	0.05*

* Limit of determination.

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Source: Commission Regulation (EU) 2024/1077

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