

# 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**.

## 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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## Table & 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.  <a href="http://www.agrininfo.eu">www.agrininfo.eu</a>			

Source: [Commission Regulation \(EU\) 2024/1077](#)

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