Maximum residue levels for bromoxynil

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EU reduces MRLs for bromoxynil on all products to the limit of determination with impacts on sweetcorn, chives, cereals, and products of animal origin from August 2023

Commission Regulation (EU) 2023/128 of 18 January 2023 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 benalaxyl, bromoxynil, chlorsulfuron, epoxiconazole and fenamiphos in or on certain products

Update

The EU has revised the maximum residue levels (MRLs) for bromoxynil and its salts, expressed as bromoxynil.

This will lead to reductions in MRLs for sweetcorn, chives, cereals, and products of animal origin.

Impacted products

sweetcorn, chives, barley, maize, millet, rye, sorghum, wheat, animal products

What is changing?

The Commission proposes changes to MRLs as set out in Table 1.

Why?

The active substance bromoxynil was not renewed for use in the EU for reasons related to human health, and its approval expired on 31 July 2021. In the absence of Codex MRLs or import tolerances, the MRLs for all products were reduced to the limit of determination (LOD).

Timeline

The new MRLs will apply from 8 August 2023.

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Recommended Actions

Exporters of sweetcorn, chives, cereals and products of animal origin should review the use of bromoxynil on these products, and seek alternative solutions with a view to ensuring a transition away from bromoxynil before August 2023.

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.

Sources

Commission Regulation (EU) 2023/128

Visit the AGRINFO website to view the latest AGRINFO Update newsletters and search the database.

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Tables & Figures

Table 1
Maximum residue levels for bromoxynil

Food category	Products	Bromoxynil and its salts, expressed as bromoxynil (mg/kg)	
		Old MRL	New MRL
Fruiting vegetables	Sweetcorn	0.04	0.01*
Leaf vegetables, herbs and edible flowers	Chives	0.08	0.02*
Cereals	Barley	0.05	0.01*
	Maize/ corn	0.1	0.01*
	Common millet/ proso millet	0.1	0.01*
	Oat	0.05	0.01*
	Rye	0.05	0.01*
	Sorghum	0.05	0.01*
	Wheat	0.05	0.01*
Commodities from swine	Liver	0.1	0.05*
	Kidney	0.1	0.05*
	Edible offals (other than liver and kidney)	0.1	0.05*
Commodities from bovine animals	Fat	0.2	0.05*
	Liver	0.5	0.05*
	Kidney	0.3	0.05*
	Edible offals (other than liver and kidney)	0.5	0.05*
Commodities from sheep	Fat	0.2	0.05*
	Liver	0.5	0.05*
	Kidney	0.3	0.05*
	Edible offals (other than liver and kidney)	0.5	0.05*
Commodities from goat	Fat	0.2	0.05*
	Liver	0.5	0.05*
	Kidney	0.3	0.05*
	Edible offals (other than liver and kidney)	0.5	0.05*
Commodities from equine animals	Fat	0.2	0.05*
	Liver	0.5	0.05*
	Kidney	0.3	0.05*
	Edible offals (other than liver and kidney)	0.5	0.05*
Commodities from other farmed terrestrial animals	Fat	0.2	0.05*
	Liver	0.5	0.05*
	Kidney	0.3	0.05*
	Edible offals (other than liver and kidney)	0.5	0.05*

* Limit of determination.
Source: based on SANTE/10176/2022 rev.2
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Source: based on Commission Regulation (EU) 2023/128

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