

Maximum residue levels for lambda-cyhalothrin

Published by AGRINFO on 23 Jan 2025

EU amends MRLs for lambda-cyhalothrin on avocados and poultry products

Commission Regulation (EU) [2025/115](#) of 21 January 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 fluxapyroxad, lambda-cyhalothrin, metalaxyl, and nicotine in or on certain products

Update

The European Union (EU) has increased the maximum residue level (MRL) for lambda-cyhalothrin on avocados following a request for an import tolerance. In addition, the EU has increased the MRL on poultry products and birds' eggs, based on a dietary risk assessment concluding that the new levels are unlikely to pose a risk to consumer health.

Impacted products

Avocados, poultry products (muscle, fat, liver, kidney, edible offals, eggs)

What is changing?

The EU has raised the MRLs for lambda-cyhalothrin as summarised in Table 1.

Why?

The EU received an application for an import tolerance MRL with reference to use of lambda-cyhalothrin on avocados in Mexico. On the basis of an evaluation by [EFSA \(2023\)](#), it was concluded that there are no risks to consumers at the proposed level.

In addition, MRLs for lambda-cyhalothrin on poultry products have been raised because an evaluation of monitoring data ([EFSA 2024](#)) found that residues exceeded the temporary MRLs set by Regulation 2018/960, due to authorised biocidal product use. EFSA therefore proposed new, higher MRLs that are unlikely to pose a risk to consumer health.

Timeline

The new MRLs apply from **11 February 2025**.

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) [Setting of an import tolerance for lambda-cyhalothrin in avocados](#). EFSA Journal, 21: e8464.


EFSA (2024) [Targeted risk assessment of maximum residue levels for lambda-cyhalothrin in commodities from poultry and birds' eggs](#). EFSA Journal, 22: e8816.

Sources

Commission Regulation (EU) [2025/115](#) as regards maximum residue levels for fluxapyroxad, lambda-cyhalothrin, metalaxyl, and nicotine in or on certain products

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Table & Figures

Table 1 Changes to maximum residue levels for lambda-cyhalothrin			
Food category	Products	Lambda-cyhalothrin (mg/kg)	
		Old MRL	New MRL
Miscellaneous fruits	Avocados	0.01*	0.15
Animal products	Poultry products (muscle, fat, liver, kidney, edible offals)	0.01*	0.03
	Eggs (quail, duck, geese, chicken)	0.01*	0.02
* Limit of determination.			
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Source: Based on Regulation [2025/115](#)

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