Maximum residue levels for thiram

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EU reduces MRLs to limit of determination for thiram on all products, with changes for for specified pome fruits, stone fruits and leafy vegetables, from February 2023

Commission Regulation (EU) 2022/1406 of 3 August 2022 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 methoxyfenozide, propoxur, spinosad and thiram in or on certain products

Update

Commission Regulation 2022/1406, published on 18 August 2022, reduces MRLs to the limit of determination for thiram on all products, with changes for apples, pears, apricots, cherries, peaches, plums, wine grapes, strawberries, avocados, bananas, lettuces, escaroles/broadleaved endives from February 2023.

Impacted products

apples, pears, apricots, cherries, peaches, plums, wine grapes, strawberries, avocados, bananas, lettuces, escaroles, broadleaved endives

What is changing?

The MRLs are amended for the products listed in Table 1.

In addition, MRLs for all products of animal origin are set at the limit of determination (LOD), 0.01 mg/kg.

Why?

Thiram is no longer permitted for use in the EU, so existing MRLs are being withdrawn. EFSA (2021) assessed existing import tolerances, but due to the lack of toxicological data regarding its metabolite M1, no consumer risk assessment could be completed and risk to the consumer could not be excluded. All MRLs were therefore set at the LOD.

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Timeline

New MRLs will apply from 28 February 2023. Products lawfully placed on the EU market in compliance with old MRLs before 28 February may remain on the market after that date, even where not compliant with the new MRLs.

Recommended Actions

Exporters of apples, pears, apricots, cherries, peaches, plums, wine grapes, strawberries, avocados, bananas, lettuces, escaroles/broadleaved endives must identify and eliminate existing use of thiram to ensure compliance with the new MRLs by February 2003.

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 (2021) Review of the existing maximum residue levels for thiram according to Article 12 of Regulation (EC) No 396/2005. EFSA Journal, 19(1): 6391.

Sources

Commission Regulation 2022/1406

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Tables & Figures

Table 1
Maximum residue levels for thiram

Food category	Products	Thiram (mg/kg)	
		Old MRL	New MRL
Pome fruits	Apples, pears	5	0.05*
Stone fruits	Apricots, cherries, peaches	3	0.05*
	Plums	2	0.05*
Berries and small fruits	Wine grapes	3	0.05*
	Strawberries	10	0.05*
Miscellaneous fruits	Avocados	10	0.05*
	Bananas	0.2	0.05*
Leafy vegetables, herbs and edible flowers	Lettuces, escaroles/ broadleaved endives	2	0.05*

* Limit of determination.
Source: based on Commission Regulation 2022/1406

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