

Maximum residue levels for methoxyfenozide

Published by AGRINFO on 30 Nov 2022; Revised 28 Jun 2023

EU reduces MRLs for methoxyfenozide to the limit of determination on apples, pears, peaches and broccoli 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

Commission Regulation (EU) [2023/1069](#) of 1 June 2023 amending Annex II to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for bixafen, cyprodinil, fenhexamid, fenpicoxamid, fenpyroximate, flutianil, isoxaflutole, mandipropamid, methoxyfenozide, and spinetoram in or on certain products

Update

Commission Regulation [2022/1406](#), published on 18 August 2022, reduces MRLs to the Limit of Determination (0.01 mg/kg) for methoxyfenozide on apples, pears, peaches and broccoli after 28 February 2023. The MRL for tomatoes is also reduced.

Commission Regulation [2023/1069](#), published on 2 June 2023, increases MRLs for methoxyfenozide on basil and edible flowers, teas, coffee beans and sugar cane.

Impacted products

apples, pears, peaches, broccoli, tomatoes, basil and edible flowers, teas, coffee beans, sugar canes

What is changing?

MRLs are amended for the products listed in Table 1.

Why?

During the renewal approval process, EFSA identified unacceptable risks for consumers with the current MRLs for methoxyfenozide in a number of fruits and vegetables ([EFSA 2020](#)). In the case of tomatoes, an alternative good agricultural practice (GAP) was identified that would permit the setting of a lower MRL. For others, it was determined that the MRL should be set at the limit of determination (LOD, the lowest level that can be detected using the most modern and reliable analytical methods).

New Codex MRLs (CXLs) for methaxifenozone have been adopted. [EFSA \(2022\)](#) has not identified a consumer health risk for these CXLs, so they have been adopted as EU MRLs in Regulation (EU) [2023/1069](#).

Timeline

New MRLs will apply from 28 February 2023. For tomatoes lawfully placed on the EU market before this date, the prior MRL of 2 mg/kg continues to apply, and the tomatoes may remain on the market after 28 February, even where not compliant with the new MRLs.

Apples, pears, peaches and broccoli imported into the EU before 28 February must immediately comply with the 0.01 mg/kg MRL from that date.

New increased MRLs for basil and edible flowers, teas, coffee beans and sugar cane will apply from 22 June 2023.

Recommended Actions

Suppliers of apples, pears, cherries, peaches and broccoli must urgently seek alternatives to the use of methoxyfenozide due to the withdrawal of existing MRLs. The new MRLs apply from 28 February 2023, but any of these products exported before this date and arriving in the EU after 28 February must be in conformity with the new 0.01 mg/kg levels.

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 (2020) [Focussed assessment of certain existing MRLs of concern for methoxyfenozide](#). EFSA Journal, 18(12): 6330.


EFSA (2022) [Scientific support for preparing an EU position in the 53rd session of the codex committee on pesticide residues \(CCPR\)](#). EFSA Journal, 20(9): 7521.

Sources

Commission Regulation (EU) [2022/1406](#)

Commission Regulation (EU) [2023/1069](#)

Table & Figures

Table 1 Changes to maximum residue levels for methoxyfenozide			
Food category	Products	Methoxyfenozide (mg/kg)	
		Old MRL	New MRL
Pome fruits	Apples, pears	2	0.01*
Stone fruits	Peaches	2	0.01*
Brassica vegetables	Broccoli	2	0.01*
Fruiting vegetables	Tomatoes	2	0.6
Leaf vegetables, herbs and edible flowers	Basil, edible flowers	4	80
Teas	Teas	0.05*	80
Coffee beans	Coffee beans	0.05*	0.15
Sugar plants	Sugar canes	0.01*	0.015
* Limit of determination. <div>  www.agrininfo.eu </div>			

Source: based on Regulations [2023/1069](#) and [2023/1069](#)

Disclaimer: *Under no circumstances shall COLEAD be liable for any loss, damage, liability or expense incurred or suffered that is claimed to have resulted from the use of information available on this website or any link to external sites. The use of the website is at the user's sole risk and responsibility. This information platform was created and maintained with the financial support of the European Union. Its contents do not, however, reflect the views of the European Union.*