

# Maximum residue levels for chlorfenapyr

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EU discusses reduction of chlorfenapyr MRL for tea to 0.01 mg/kg

Draft Commission Regulation 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 azocyclotin, chlorfenapyr, cyhexatin, diazinon, dicofol, endosulfan, fenarimol, fenpropathrin and profenofos in or on certain products

Draft Annex

## Update

The European Union (EU) is discussing reducing the maximum residue level (MRL) for chlorfenapyr on **tea** from 50 mg/kg to the limit of determination (LOD) of 0.01 mg/kg. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.) Minor reductions in current LODs are also proposed for certain other products.

## Impacted products

Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts, garlic, onions, shallots, spring onions/green onions, Welsh onions, linseeds, peanuts/groundnuts, poppy seeds, sesame seeds, sunflower seeds, rapeseed/canola seeds, soyabeans, mustard seeds, cotton seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans, olives for oil production, oil palm kernels, oil palm fruits, kapok, barley, buckwheat and other pseudocereals, maize/corn, common millet/proso millet, oats, rice, rye, sorghum, wheat

## What is changing?

The EU is discussing the reduction of MRLs for chlorfenapyr as summarised in Table 1.

## Why?

The use of chlorfenapyr has never been approved for use within the EU, and the MRLs for imported produce that have been in place since the adoption of Regulation [396/2005](#) have never been reviewed. Following a series of evaluations and a stakeholder consultation (see [EFSA invites submission of data to support review of certain MRLs](#)), the European Food Safety Authority has concluded that data gaps regarding the MRL for tea do not allow a complete exposure assessment ([EFSA 2023](#)).

## Timeline

This Regulation is still under discussion. It is expected to be adopted in 2026, with new MRLs applying from mid-2027.

## Recommended Actions

Suppliers of tea to the EU market should review their current use of chlorfenapyr and start to seek alternative (chemical or non-chemical) solutions in anticipation of the MRL reduction.

## 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](#).

For further information on the EU's process and principles for setting MRLs, see [Regulation of pesticide residues in the EU – Questions and Answers](#).

## Resources

EFSA (2024) [Outcome of the stakeholder consultation on the reasoned opinions for azocyclotin, bifenthrin, chlorfenapyr, cyhexatin, diazinon, dicofol, endosulfan, fenarimol, fenpropathrin and profenofos](#). EFSA supporting publication: EN-9002.


## Sources

[Draft](#) Commission Regulation as regards maximum residue levels for azocyclotin, chlorfenapyr, cyhexatin, diazinon, dicofol, endosulfan, fenarimol, fenpropathrin and profenofos in or on certain products

## Draft Annex

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## Table & Figures

Table 1 Changes under discussion for chlorfenapyr maximum residue levels <sup>[1]</sup>			
Food category	Products	Chlorfenapyr (mg/kg)	
		Existing MRL	Proposed MRL
Teas		50	0.1*
Tree nuts	Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts	0.02*	0.01*
Bulb vegetables	Garlic, onions, shallots, spring onions/green onions, Welsh onions	0.02*	0.01*
Oilseeds	Linseeds, rapeseed/canola seeds, soybeans, castor beans, peanuts/groundnuts, seeds of poppy, sesame, sunflower, mustard, cotton, pumpkin, safflower, borage, gold of pleasure, hemp	0.02*	0.01*
Oil fruits	Olives for oil production, oil palm kernels and fruits, kapok	0.02*	0.01*
Cereals	Barley, buckwheat and other pseudocereals, maize/corn, common millet/proso millet, oats, rice, rye, sorghum, wheat	0.02*	0.01*
1. For products not listed here, no changes are proposed. * Limit of determination (LOD).			
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Source: based on [PLAN/2025/1425 Rev0](#)

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