Maximum residue levels for chlorantraniliprole

Published by AGRINFO on 14 Dec 2022; Revised 23 May 2024

EU aligns MRLs for chlorantraniliprole on avocados and teas with Codex standards

Commission Regulation (EU) 2022/1343 of 29 July 2022 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 acequinocyl, chlorantraniliprole and emamectin in or on certain products

Commission Regulation (EU) 2024/1355 of 21 May 2024 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 benzovindiflupyr, chlorantraniliprole, emamectin, quinclorac, spiromesifen, and triflumuron in or on certain products

Update

The EU has aligned its maximum residue levels (MRLs) for chlorantraniliprole on avocados and teas with MRLs recently adopted by Codex. This follows earlier changes to the MRLs for this substance that have applied since February 2023.

Impacted products

almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts, cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts, apples, pears, quinces, medlars, loquats, Japanese medlars, blackberries, dewberries, raspberries, kumquats, potatoes, sweetcorn, broccoli, cauliflowers, cardoons, celeries, Florence fennels, rhubarbs, linseeds, poppy seeds, sesame seeds, mustard seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans, animal products, avocados, teas

What is changing?

The changes to chlorantraniliprole MRLs on avocados and teas are set out in Table 1.

The changes to chlorantraniliprole MRLs that have applied since February 2023 are shown in Table 2.

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*

In addition, the limit of determination (LOD) for coffee beans, sugar beet, and chicory roots has decreased from 0.02 to 0.01 mg/kg; and for herbal infusions, cocoa beans, carobs/ Saint John's breads, and spices has increased from 0.02 to 0.05mg/kg. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

Why?

On 2 December 2023, the Codex Alimentarius Commission adopted new Codex maximum residue limits (CXLs) for chlorantraniliprole, for which the European Food Safety Authority (EFSA) did not identify risks to consumers in the EU.

Following its review of existing chlorantraniliprole MRLs, EFSA (2020) recommended lowering MRLs on tree nuts and pome fruits, but raising or maintaining other existing MRLs. Due to insufficient information on various products, these MRLs will be reviewed by July 2024.

Timeline

The new MRLs on avocados and teas set out in Table 1 apply from **11 June 2024**.

The MRLs for chlorantraniliprole set out in Table 2 (Regulation 2022/1343) have applied from 22 February 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.

Resources

EFSA (2020) Review of the existing maximum residue levels for chlorantraniliprole according to Article 12 of Regulation (EC) No 396/2005. EFSA Journal, 18(9): 6235.

EFSA (2023) Scientific support for preparing an EU position in the 54th Session of the Codex Committee on Pesticide Residues (CCPR). EFSA Journal, 21(8): 1–303.

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*

Sources

Commission Regulation (EU) 2022/1343 as regards maximum residue levels for acequinocyl, chlorantraniliprole and emamectin in or on certain products

Commission Regulation (EU) 2024/1355 as regards maximum residue levels for benzovindiflupyr, chlorantraniliprole, emamectin, quinclorac, spiromesifen, and triflumuron in or on certain products

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

Tables & Figures

Table 1
Maximum residue levels for chlorantraniliprole

Food category	Products	Chlorantraniliprole (mg/kg)	
		Old MRL	New MRL
Miscellaneous fruits	Avocados	0.01*	0.3
Teas		0.05*	80

* Limit of determination.
Source: based on Commission Regulation (EU) 2024/1355



.

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*

Table 2
Maximum residue levels for chlorantraniliprole

Food category	Products	Chlorantraniliprole (mg/kg)	
		Old MRL	New MRL
Tree nuts	Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/ cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts	0.05	0.03
Pome fruits	Apples, pears, quinces, medlars, loquats/ Japanese medlars	0.5	0.4
Berries and small fruits	Blackberries, dewberries, raspberries	1.0	1.5
Miscellaneous fruits	Kumquats	0.01*	0.7
Root and tuber vegetables	Potatoes	0.02	0.03
Fruiting vegetables	Sweetcorn	0.2	0.01*
Brassica vegetables	Broccoli	1	1.5
	Cauliflowers	0.6	0.5
	Kales	20	40
Leaf vegetables, herbs and edible flowers	Baby leaf crops (including brassica species)	20	40
Stem vegetables	Cardoons, Florence fennels, rhubarbs	0.01*	8
	Celeries	10	8
Oilseeds	Linseeds, poppy seeds, sesame seeds, mustard seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans	0.01*	2
Products of animal origin:			
Swine/ bovine/ sheep/ goat/ equine/ other farmed terrestrial animals	Muscle	0.2	0.03
Poultry	Muscle	0.01*	0.02
	Kidney	0.07	0.01*
	Edible offals	0.07	0.08

* Limit of determination.
Shading indicates a decrease in MRL.
Source: based on Commission Regulation (EU) 2022/1343

www.agrinfo.eu

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*

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.*

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*