

# Maximum residue levels for cypermethrins

*Published by AGRINFO on 15 Dec 2023; Revised 17 Jul 2024*

## Regulation

[Draft](#) Commission Regulation as regards maximum residue levels for cypermethrins in or on certain products

[Annex II](#)

## What is changing and why?

The EU proposes to amend the maximum residue levels (MRLs) for cypermethrins on certain products, as summarised in Table 1. This includes reducing the MRLs to the limit of determination (LOD) on several products, and to 0.005 mg/kg (below the standard LOD of 0.01) on oranges, pears, melons, and potatoes. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

## Actions

A large number of products will be affected. Where MRLs are being reduced (see Table 1), suppliers should review their current use of cypermethrins and look for possible alternative solutions.

## Timeline

Expected date of publication: September 2024.

The new MRLs are expected to apply from early 2025.

For more information see the [full record](#) on the AGRINFO website – where you can also view the latest [AGRINFO Update](#) newsletters and [search](#) the database.

## Tables & Figures

Table 1 Changes to maximum residue levels for cypermethrins <sup>[1,2]</sup>			
Food category	Products	Cypermethrins (mg/kg)	
		Old MRL	New MRL
Citrus fruits	Grapefruits	2	0.5
	Oranges	2	0.005*
	Lemons, limes, mandarins	2	0.3
Pome fruits	Apples, quinces	1	0.01*
	Pears	1	0.005*
	Medlars, loquats/Japanese medlars	1	0.15
Stone fruits	Apricots, peaches, cherries, plums	2	0.01*
Berries and other small fruits	Table grapes	0.5	0.01*
	Wine grapes	0.5	0.04
	Blackberries, dewberries, raspberries,	0.5	0.01*
	Blueberries, cranberries, currants, gooseberries, rose hips, mulberries, azaroles, elderberries	0.05*	0.01*
Miscellaneous fruits	Dates, figs, kaki/Japanese persimmons, jambuls/jambolans, kiwi fruits, passionfruits, prickly pears, star apples/cainitos, American persimmons, avocados, bananas, granate apples/pomegranates, cherimoyas, guavas, pineapples, soursops	0.05*	0.01*
	Carambolas	0.2	0.01*
	Table olives	0.05*	0.4
	Kumquats	0.05*	0.3
	Litchis/lychees	2	0.01*
	Mangoes	0.7	0.01*
	Papayas	0.5	0.01*
<p>[1] For products not listed in this table, no changes are proposed.            [2] Cypermethrin including other mixtures of constituent isomers (sum of isomers).            * Limit of determination.</p>			
			Continued ...

Table 1 Changes to MRLs for cypermethrins <sup>[1,2]</sup>			
Food category	Products	Cypermethrins (mg/kg)	
		Old MRL	New MRL
Root and tuber vegetables	Potatoes	0.05*	0.005*
	Cassava roots/manioc, yams, arrowroots	0.05*	0.01*
	Sweet potatoes, beetroots, carrots, celeriac, parsnips, radishes, salsifies, swedes, turnips	0.05*	0.03
	Horseradishes, Jerusalem artichokes, parsley roots	0.05*	0.1
Bulb vegetables	Garlic, shallots	0.1	0.09
	Onions	0.1	0.03
	Spring onions	0.05*	0.01*
Fruiting vegetables	Tomatoes, sweet peppers/bell peppers	0.5	0.01*
	Aubergines/eggplants	0.5	0.07
	Cucumbers, courgettes	0.2	0.01*
	Gherkins, watermelons, pumpkins	0.2	0.07
	Melons	0.2	0.005*
Brassica vegetables	Broccoli, head cabbages, Chinese cabbages/petsai, kales	1	0.01*
	Cauliflowers	0.5	0.04
	Brussels sprouts	1	0.15
Leaf vegetables	Lamb's lettuces, lettuces, escaroles, Roman rocket/rucola, red mustards	2	0.01*
	Cresses, landcresses	2	4
	Baby leaf crops	2	5
	Spinaches, purslanes, chards	0.7	0.01*
	Grape leaves	0.05*	0.7
	Witloofs	0.05*	0.01*
	Chervil	2	0.7
	Chives, parsley, sage, basil and edible flowers	2	0.02*
	Celery leaves, rosemary, thyme, laurel/bay leaves, tarragon	2	5
Legume vegetables	Beans (with pods)	0.7	0.15
	Peas (with pods)	0.7	0.2
	Beans (without pods), peas (without pods), lentils	0.7	0.01*
Stem vegetables	Asparagus	0.1	0.08
	Cardoons, celeries, Florence fennels, rhubarbs, bamboo shoots, palm hearts	0.05*	0.01*
	Globe artichokes	2	0.1
	Leeks	0.5	0.01*


[1] For products not listed in this table, no changes are proposed.  
 [2] Cypermethrin including other mixtures of constituent isomers (sum of isomers).  
 \* Limit of determination.

Continued ...

Table 1 Changes to MRLs for cypermethrins <sup>[1,2]</sup>			
Food category	Products	Cypermethrins (mg/kg)	
		Old MRL	New MRL
Fungi, mosses, and lichens	Cultivated fungi, mosses, and lichens	0.05*	0.01*
	Wild fungi	1	0.01*
Oilseeds	Linseeds, poppy seeds, sesame seeds, sunflower seeds, rapeseeds/canola seeds	0.2	0.1
	Soyabeans	0.05*	0.1
	Pumpkin seeds, castor beans	0.05*	0.01*
	Cotton seeds	0.2	0.15
	Safflower seeds	0.1	0.01*
	Oil fruits	Olives for oil production	0.05*
Oil palms	Oil palm kernels, oil palm fruits, kapok	0.05*	0.01*
Cereals	Barley, oats	2	0.4
	Rice	2	0.01*
	Rye, wheat	2	0.08
	Sorghum	0.3	0.8
Teas		0.5	0.01*
Coffee beans		0.1*	0.05*
Herbal infusions	Chamomile, hibiscus, rose, jasmine, lime/linden, strawberry, rooibos, maté, valerian	0.1*	0.05*
	Ginseng	0.1*	0.15
Cocoa beans		0.1*	0.05*
Carobs		0.1*	0.05*
Hops		30	0.05*
Spices	Seed spices, bark spices, bud spices, flower pistil spices, aril spices	0.1*	0.05*
	Allspice/pimento, Sichuan pepper, caraway, juniper berries, peppercorn, vanilla, tamarind	0.1*	0.5
Sugar plants	Sugar beet roots	1	0.1
	Chicory roots	0.05*	0.03
[1] For products not listed in this table, no changes are proposed. [2] Cypermethrin including other mixtures of constituent isomers (sum of isomers). * Limit of determination.			
Continued ...			

Table 1 Changes to MRLs for cypermethrins <sup>[1,2]</sup>			
Food category	Products	Cypermethrins (mg/kg)	
		Old MRL	New MRL
Products of animal origin	Muscle from pigs and cattle	2	0.03
	Fat from pigs	2	0.07
	Liver, kidney and edible offals from pigs, cattle, sheep, goats, and horses	0.2	0.05
	Fat from cattle	2	0.2
	Muscle from sheep, goats, and horses	2	0.05
	Muscle from poultry	0.1	0.05
	All commodities from other farmed terrestrial mammals	0.2	0.01*
	Milk (cattle)	0.05	0.015
	Bird eggs	0.05*	0.01*
	Honey	0.05*	0.01*

[1] For products not listed in this table, no changes are proposed.  
 [2] Cypermethrin including other mixtures of constituent isomers (sum of isomers).  
 \* Limit of determination.

  
 www.agrinfo.eu

Source: based on [PLAN/2023/1863 v2](#)

**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.*