Maximum residue levels for profenofos

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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 Annexes (with amendments to Annex II and Annex V)

What is changing and why?

The European Union (EU) proposes to reduce the maximum residue levels (MRLs) for profenofos on mangoes, tomatoes, cotton seeds, coriander, cumin, fennel, fruit spices, cardamom, and animal products. This is because the European Food Safety Authority was unable to complete a risk assessment of these MRLs due to inadequate data. Lower MRLs are also proposed for profenofos on a range of other products (see Table 1).

Actions

Suppliers to the EU market of mangoes, tomatoes, cotton seeds, coriander, cumin, fennel, fruit spices, cardamom, and animal products should review their existing use of profenofos and start to look for alternative (chemical or non-chemical) solutions in anticipation of the MRL reductions.

The World Trade Organization consultation on this proposal closed on 25 August 2026.

Timeline

The proposed new MRLs are expected to apply from September 2027.

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.

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Tables & Figures

Table 1: Proposed changes to maximum residue levels for profenofos

Food category	Products	Profenofos (mg/kg)	
		Current MRL	Proposed MRL
Tree nuts	Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts, other tree nuts	0.02*	0.01*
Miscellaneous fruit	Mangoes	0.2	0.01*
Bulb vegetables	Garlic, onions, shallots, spring onions/green onions and Welsh onions, other bulb vegetables	0.02*	0.01*
Fruiting vegetables	Tomatoes	10	0.01*
Oilseeds	Linseeds, peanuts/groundnuts, poppy seeds, sesame seeds, sunflower seeds, rapeseeds/canola seeds, soyabeans, mustard seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans, other oilseeds	0.02*	0.01*
	Cotton seeds	3	0.01*
Oil fruits	Olives for oil production, oil palm kernels, oil palm fruits, kapok, other oil fruits	0.02*	0.01*
Spices	Coriander, cumin, fennel, fenugreek, nutmeg, horseradish	0.05	0.01*
	Coriander, fennel	0.1	0.05*
	Cumin	5	0.05*
	Allspice/pimento, Sichuan pepper, caraway, juniper berry, peppercorn, vanilla, tamarind	0.07	0.05*
	Cardamom	3	0.05*

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Food category	Products	Profenofos (mg/kg)	
Products of animal origin	Swine, cattle, sheep, goat, horse, poultry, other farmed terrestrial animals (muscle, fat, liver, kidney, edible offals)	0.05	0.01*
Birds' eggs	Chicken, duck, geese, quail, other birds' eggs	0.02*	0.01*

* Limit of determination (LOD).

Source: based on Draft Annexes (with amendments to Annex II and Annex IIIB)

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