

# Maximum residue levels for diazinon

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EU discusses reducing diazinon MRLs on various products

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 diazinon in or on certain products

Draft Annex II (PLAN/2025/3159)

## Update

The European Union (EU) is discussing a new draft proposal to set maximum residue levels (MRLs) for diazinon on various products at the limit of determination (LOD, the lowest level that can be detected using the most modern and reliable analytical methods). This could have particular impacts on exports of almonds, cranberries, pineapples, radishes, onions, sweet peppers, sweet corn, kohlrabies, hops, seed spices, and sugar beet roots.

## Impacted products

Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts, cranberries, pineapples, radishes, garlic, onions, shallots, spring onions/green onions, Welsh onions, sweet peppers/bell peppers, sweet corn, Chinese cabbages/pe-tsai, kohlrabies, linseeds, peanuts/groundnuts, poppy seeds, sesame seeds, sunflower seeds, rapeseed/canola seeds, soyabeans, mustard seeds, cotton seeds, pumpkin seeds, safflower seeds, borage seed, gold of pleasure seeds, hemp seeds, castor beans, olives for oil production, oil palm kernels, oil palm fruits, kapok, hops, anise/aniseed, black caraway/black cumin, celery, coriander, cumin, dill, fennel, fenugreek, nutmeg, allspice/pimento, Sichuan pepper, caraway, cardamom, juniper berry, peppercorn (black, green, white), vanilla, tamarind, liquorice, turmeric/curcuma, sugar beet roots, muscle (swine, cattle, sheep, goat, poultry), fat (swine, cattle, sheep, goat), liver, kidney (swine, cattle, sheep, goat), edible offals (poultry), milk (cattle, sheep, goat, horse), bird eggs (chicken, duck, geese, quail), honey and other apiculture products

## What is changing?

The European Commission initially proposed to reduce the MRLs for diazinon on certain products to the LOD of 0.01 mg/kg. It has now drafted a new proposal that considers maintaining the MRLs for certain animal products due to the presence of diazinon in authorised veterinary medicinal products.

The proposed changes are summarised in Table 1.

## Why?

The MRLs for diazinon 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 (EFSA) has concluded that the existing MRLs are not substantiated ([EFSA 2023](#)). This new proposal also takes into account the presence of this substance in veterinary medicinal products.

## Timeline

The Regulation is expected to be published in 2026 and will apply 6 months after publication.

## Recommended Actions

Suppliers of **almonds, cranberries, pineapples, radishes, onions, sweet peppers, sweet corn, kohlrabies, hops, seed spices, and sugar beet roots** should explore chemical and non-chemical solutions as an alternative to the use of diazinon.

## 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 (2023) [Targeted review of maximum residue levels \(MRLs\) for diazinon](#). EFSA Journal, 21(11): e08426.

European Commission (2025) [Standing Committee on Plants, Animals, Food and Feed, Section Phytopharmaceuticals – Residues](#), 24–25 November 2025.

[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

## Sources

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

[Draft](#) Annex II (PLAN/2025/3159)

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## Table & Figures

Table 1 Maximum residue levels under discussion for diazinon			
Food category	Products	Diazinon (mg/kg)	
		Current MRL	Proposed MRL
Tree nuts	Almonds	0.05	0.01*
	Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, pecans, pine nut kernels, pistachios, walnuts	0.02*	0.01*
Berries and small fruits	Cranberries	0.2	0.01*
Miscellaneous fruit	Pineapples	0.3	0.01*
Root and tuber vegetables	Radishes	0.1	0.01*
Bulb vegetables	Onions	0.05	0.01*
	Garlic, shallots, spring onions/green onions and Welsh onions, other bulb vegetables	0.02*	0.01*
Fruiting vegetables	Sweet peppers/bell peppers	0.05	0.01*
	Sweet corn	0.02	0.01*
Brassica vegetables	Chinese cabbages/pe-tsai	0.05	0.01*
	Kohlrabies	0.2	0.01*
Oilseeds	Linseeds, peanuts/groundnuts, poppy seeds, sesame seeds, sunflower seeds, rapeseeds/canola seeds, soyabeans, mustard seeds, cotton seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans, other oilseeds	0.02*	0.01*
Oil fruits	Olives for oil production, oil palm kernels, oil palm fruits, kapok, other oil fruits	0.02*	0.01*
Hops		0.5	0.05*
Seed spices	Anise/aniseed, black caraway/black cumin, celery, coriander, cumin, dill, fennel, fenugreek, nutmeg, other seed spices	5	0.05*
Fruit spices	Allspice/pimento, Sichuan pepper, caraway, juniper berry, peppercorn (black, green, white), vanilla, tamarind, other fruit spices	0.1*	0.05*
Root and rhizome spices	Liquorice, turmeric/curcuma, other root/rhizome spices	0.5	0.05*
Sugar plants	Sugar beet roots	0.1	0.01*
Products of animal origin:			
Swine	Fat	0.7	0.01*
Poultry	Muscle, edible offals (other than liver and kidney)	0.02	0.01*
Milk	Cattle	0.02	0.01*

\* Limit of determination (LOD).



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Source: based on [PLAN/2025/3159 Annex II v0](#)

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