Maximum residue level for difenoconazole

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Commission Regulation (EU) 2026/2299 amending Annexes II and III to Regulation (EC) No 396/2005 as regards maximum residue levels for difenoconazole in or on certain products

What is changing and why?

The European Union (EU) has updated the maximum residue levels (MRLs) for difenoconazole. For some products, where there is not enough data available to rule out risks to consumers, the MRLs have been lowered to the limit of determination (LOD). (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

For other products, MRLs based on the Codex Alimentarius MRLs have been set following an evaluation that raised no consumer safety concerns.

Actions

Exporters of all products should review their current use of difenoconazole to see whether agricultural practices need to be adjusted to comply with the updated MRLs. Where MRLs have been reduced to the LOD, exporters need to look for alternative solutions in preparation for the MRL changes.

Timeline

The new MRLs apply from **5 May 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: Changes to maximum residue levels for difenoconazole

Food category	Products	Difenoconazole[1] (mg/kg)	
		Old MRL	New MRL
Tree nuts	Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine kernels, pistachios, walnuts	0.05*	0.03
Pome fruits	Apples, pears, quinces, medlars	0.8	0.4
	Loquats/Japanese medlars	0.8	0.6
Stone fruits	Cherries (sweet)	0.3	0.4
	Plums	0.5	0.4
Berries and small fruits	Cranberries	0.1	0.6
	Azaroles/Mediterranean medlars	0.8	{0.01*}
	Currants	0.2	{0.01*}
	Dewberries, elderberries, gooseberries, rose hips, mulberries	0.1	{0.01*}
Miscellaneous fruit	American persimmons/Virginia kaki, carambolas, dates, figs, jambuls/jambolans,kiwi fruits, litchis/lychees, star apples/ cainitos	0.1	{0.01*}
	Kaki/Japanese persimmons	0.8	{0.01*}
	Mangoes	0.1	0.2
	Papayas	0.2	0.3
	Breadfruits, cherimoyas, durians, granate apples/ pomegranates, pineapples, soursops/guanabanas	0.1	{0.01*}
	Guavas	0.1	0.15
	Passionfruits/maracujas	0.1	0.05

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Food category	Products	Difenoconazole[1] (mg/kg)	
Root and tuber vegetables	Potatoes, sweet potatoes	0.1	0.07
	Cassava roots/manioc, yams, arrowroots	0.1	{0.01*}
	Beetroots, carrots, horseradishes, Jerusalem artichokes, parsnips, parsley roots/Hamburg root parsley, radishes, salsifies, swedes/rutabagas, turnips, other roots/tubers	0.4	0.5
	Celeriac/turnip rooted celeries	2	0.5
Bulb vegetables	Garlic, onions, shallots	0.5	0.2
Fruiting vegetables	Aubergines/eggplants	0.6	0.5
	Sweet corn	0.05*	0.01*
Brassica vegetables	Broccoli	1	0.7
	Cauliflowers	0.2	0.15
	Chinese cabbages/pe-tsai	2	3
	Kales	2	1.5
	Kohlrabies	0.05*	0.02
Leaf vegetables, herbs, and edible flowers	Roman rocket/rucola, spinaches	3	4
	Purslanes	3	2
	Chards/beet leaves	4	3
	Grape leaves and similar species	0.05*	0.01*
	Watercresses	0.5	{0.01*}
	Witloofs/Belgian endives	4	0.08
	Celery leaves, chervil, parsley	10	15
	Basil and edible flowers	10	4
Legume vegetables	Beans and peas (with pods)	1	0.7
	Beans and peas (without pods)	1	0.6
	Lentils	0.05*	0.01*

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Food category	Products	Difenoconazole[1] (mg/kg)	
Stem vegetables	Asparagus	0.05*	0.03
	Cardoons, celeries	7	5
	Bamboo shoots, palm hearts	0.05*	0.01*
Fungi, mosses, and lichens		0.05*	0.01*
Algae and prokaryotic organisms		0.05*	0.01*
Pulses	Beans	0.06	0.05
	Lentils, lupins/lupini beans	0.06	0.04
Oilseeds	Linseeds, mustard seeds	0.2	0.5
	Castor beans, hemp seeds, peanuts/groundnuts, pumpkin seeds, sesame seeds	0.05*	0.01*
	Soyabeans	0.1	0.15
	Cotton seeds	0.05*	0.4
	Borage seeds	0.05*	0.5
Oil fruits	Oil palm kernels, oil palm fruits, kapok	0.05*	0.01*
Cereals	Buckwheat and other pseudocereals, common millet/proso millet, maize/corn, sorghum	0.05*	0.01*
	Oats	0.05*	0.02
Teas		0.05*	20
Herbal infusions	Valerian, ginseng	20	4
	Any parts of the plant except flowers, leaves, herbs, roots	20	{0.05*}

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Food category	Products	Difenoconazole[1] (mg/kg)	
Spices	Anise/aniseed, black caraway/black cumin, celery, coriander, cumin, dill, fennel, fenugreek, nutmeg, allspice/pimento, Sichuan pepper, caraway, cardamom, juniper berry, peppercorn, vanilla, tamarind	0.3	0.15
	Capers, cinnamon, cloves, mace, saffron	0.3	{0.05*}
	Liquorice, turmeric/curcuma	3	1.5
Sugar plants	Sugar canes	0.05*	0.01*
Products of animal origin	Muscle of pigs, cattle, sheep, goats, and horses	0.05	0.08
	Fat of pigs, cattle, sheep, goats, and horses	0.05	0.2
	Muscle of other farmed terrestrial animals	0.1	0.08
	Fat of other farmed terrestrial animals	0.1	0.2
	Liver, kidney, and edible offals of pigs, cattle, sheep, goats, horses, and other farmed terrestrial animals	0.2	1.5
	Poultry muscle, fat, liver, and edible offals	0.1	{0.01*}
	Milk (cattle, sheep, goat, horse)	0.005*	0.02
	Bird eggs (chicken, duck, geese, quail)	0.05*	0.03
	Amphibians and reptiles, terrestrial invertebrates, and wild terrestrial vertebrates	0.05*	0.01*

* Limit of determination. MRLs reduced to the limit of determination (LOD), shown in brackets, are the ones most likely to cause trade disruptions. Operators should pay attention to all changes to MRLs as adaptions to good agricultural practices may be required.
[1] Difenoconazole (sum of constituent isomers) (R) (F)

Source: Regulation 2026/2299

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