Maximum residue levels for benomyl

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Regulation (EU) 2026/1546 as regards maximum residue levels for benomyl, carbendazim and thiophanate-methyl in or on certain products

What is changing and why?

The European Union (EU) has set the maximum residue levels (MRLs) for benomyl at the limit of determination (LOD) for all products. (The LOD is the lowest level that can be detected using the most modern and reliable analytical methods.)

Previously there were no MRLs for benomyl, which was included in the definition of carbendazim. This Regulation sets separate MRLs for these two substances.

Actions

Suppliers to the EU market of all products should seek alternatives to the use of benomyl.

Timeline

The new MRLs apply from **29 January 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 benomyl

Food category	Products	Benomyl (mg/kg)	
		Old carbendazim MRL (included benomyl)[1]	New MRL
Citrus fruits	Grapefruits, oranges	0.2	0.01*
	Lemons, limes, mandarins	0.7	0.01*
	Other citrus fruits	0.1*	0.01*
Tree nuts	Almonds, Brazil nuts, cashew nuts, chestnuts, coconuts, hazelnuts/cobnuts, macadamias, pecans, pine nut kernels, pistachios, walnuts, other tree nuts	0.1*	0.01*
Pome fruits	Apples, pears, quinces, medlars, other pome fruits	0.2	0.01*
	Loquats/Japanese medlars	2	0.01*
Stone fruits	Apricots, peaches	0.2	0.01*
	Cherries (sweet), plums	0.5	0.01*
	Other stone fruits	0.1*	0.01*
Berries and small fruits	Table grapes	0.3	0.01*
	Wine grapes	0.5	0.01*
	Strawberries, blackberries, dewberries, raspberries (red and yellow), other cane fruits, blueberries, cranberries, currants (black, red, white), gooseberries (green, red, yellow), rose hips, mulberries (black and white), azaroles/Mediterranean medlars, elderberries, other berries	0.1*	0.01*
Miscellaneous fruit	Dates, figs, table olives, kumquats, carambolas, kaki/Japanese persimmons, jambuls/jambolans, other fruits (edible peel), kiwi fruits, litchis/lychees, passionfruits/maracujas, prickly pears/cactus fruits, star apples/cainitos, American persimmons/Virginia kaki, other small fruits (inedible peel), avocados, bananas	0.1*	0.01*
	Mangoes	0.5	0.01*
	Papayas	0.2	0.01*
	Granate apples/pomegranates, cherimoyas, guavas, pineapples, breadfruits, durians, soursops/ guanabanas, other large fruits (inedible peel)	0.1*	0.01*
Root and tuber vegetables	Potatoes, cassava roots/manioc, sweet potatoes, yams, arrowroots, other tropical roots/tubers, beetroots, carrots, celeriac/turnip rooted celeries, horseradishes, Jerusalem artichokes, parsnips, parsley roots/Hamburg root parsley, radishes, salsifies, swedes/rutabagas, turnips, other roots/ tubers	0.1*	0.01*
Bulb vegetables	Garlic, onions, shallots, spring onions/green onions and Welsh onions, other bulb vegetables	0.1*	0.01*
Fruiting vegetables	Tomatoes	0.3	0.01*
	Sweet peppers/bell peppers, other Solanaceae, cucumbers, gherkins, courgettes, other curcurbits (edible peel), melons, pumpkins, watermelons, other curcurbits (inedible peel), sweetcorn, other fruiting vegetables	0.1*	0.01*
	Aubergine/eggplants	0.5	0.01*
	Okra/lady's fingers	2	0.01*
Brassica vegetables	Broccoli, cauliflowers, other flowering brassica, head cabbages, other head brassica, Chinese cabbages/ pe-tsai, kales, kohlrabies, other leafy brassica	0.1*	0.01*
	Brussels sprouts	0.5	0.01*
Leaf vegetables	Lamb's lettuces/corn salads, lettuces, escaroles/broad-leaved endives, cresses and other sprouts and shoots, land cresses, Roman rocket/ rucola, red mustards, baby leaf crops, other lettuces, spinaches, purslanes, chards/beet leaves, other spinaches, grape leaves, watercresses, witloofs/ Belgian endives	0.1*	0.01*
Herbs and edible flowers	Chervil, chives, celery leaves, parsley, sage, rosemary, thyme, basil and edible flowers, laurel/bay leaves, tarragon, other herbs and edible flowers	0.1*	0.01*

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Table 1
Continued

Food category	Products	Benomyl (mg/kg)	
		Old carbendazim MRL (included benomyl)[1]	New MRL
Legume vegetables	Beans (with pods), peas (with pods)	0.2	0.01*
	Beans (without pods), peas (without pods), lentils, other legume vegetables	0.1*	0.01*
Stem vegetables	Asparagus, cardoons, celeries, Florence fennels, globe artichokes, leeks, rhubarbs, bamboo shoots, palm hearts, other stem vegetables	0.1*	0.01*
Fungi, mosses and lichens	Cultivated fungi	1	0.01*
	Wild fungi, mosses and lichens	0.1*	0.01*
Algae and prokaryotes	Algae and prokaryotes	0.1*	0.01*
Pulses	Beans, lentils, peas, lupins/lupini beans, other pulses	0.1*	0.01*
Oilseeds	Linseeds, peanut/groundnuts, poppy seeds, sesame seeds, sunflower seeds, rapeseeds/canola seeds, mustard seeds, cotton seeds, pumpkin seeds, safflower seeds, borage seeds, gold of pleasure seeds, hemp seeds, castor beans, other oilseeds	0.1*	0.01*
	Soyabeans	0.2	0.01*
Oil fruits	Olives for oil production, oil palm kernels, oil palm fruits, kapok, other oil fruits	0.1*	0.01*
Cereals	Barley, oat	2	0.01*
	Rye, wheat	0.1	0.01*
Teas		0.1*	0.05*
Coffee beans		0.1*	0.05*
Herbal infusions	Chamomile, hibiscus/roselle, rose, jasmine, lime/linden, other flower infusions strawberry, rooibos, mate/maté, other leaves/herb infusions, valerian, ginseng, other root infusions	0.1*	0.05*
Cocoa beans		0.1*	0.05*
Carobs/Saint John's breads		0.1*	0.05*
Hops		0.1*	0.05*
Spices	Anise/aniseed, black caraway/black cumin, celery, coriander, cumin, dill, fennel, fenugreek, nutmeg, other seed spices, allspice/pimento, Sichuan pepper, caraway, juniper berry, peppercorn (black, green, white), vanilla, tamarind, other fruit spices, cinnamon, other bark spices, liquorice, ginger, turmeric/curcuma, horseradish, other root/rhizome spices, cloves, capers, other bud spices, saffron, other flower pistil spices, mace, other aril spices	0.1*	0.05*
Sugar plants	Sugar beet roots, sugar canes, chicory roots, other sugar plants	0.1*	0.01*
Products of animal origin:			
Swine/cattle/sheep/goat/horse/poultry/other farmed terrestrial animals	Muscle, fat, liver, kidney, edible offals (other than liver and kidney)	0.05*	0.01*
Milk	Cattle, sheep, goat, horse, other milks	0.05*	0.01*
Bird eggs	Chicken, duck, geese, quail, other bird eggs	0.05*	0.01*
Honey and other apiculture products		1	0.05*
Amphibians and reptiles		0.05*	0.01*
Terrestrial vertebrate animals		0.05*	0.01*
Wild terrestrial vertebrate animals		0.05*	0.01*

1. Formally defined by the EU as "sum of benomyl and carbendazim expressed as carbendazim".
* Limit of determination.

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Source: based on Regulation 2026/1546

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