

# Revision of permitted substances for use in organic production (2025)

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## EU to update list of substances that may be used in organic production

Draft Implementing Regulation amending and correcting Implementing Regulation (EU) 2021/1165 authorising certain products and substances for use in organic production and establishing their lists

Draft Annex

## Update

The European Union (EU) proposes to update the list of substances and products that can be used in the production of organic products for the EU market, with additions to the lists of authorised low-risk active substances, fertilisers, feed materials, feed additives, and food additives.

It also proposes to authorise certain substances that may only be used in products produced in non-EU countries due to specific conditions and needs in those countries: micro-organisms used as biological control agents and ethylene for flower induction in pineapple.

## Impacted products

Organic products

## What is changing?

The draft Regulation proposes to make a number of additions and amendments to the lists of substances authorised for use in organic products that are imported into the EU (Annexes to Regulation [2021/1165](#)).

In particular, the following are added to the list of substances that may be used in organic production (Annex VI):

- micro-organisms including viruses, when used as biological control agents. These must not be from genetically modified organisms (GMOs) or produced using media of GMO origin

- ethylene for flower induction in pineapple.

Proposed additions to the lists of authorised low-risk active substances, fertilisers, feed materials, feed additives, and food additives are summarised in Table 1.

Those substances for which there has been an amendment to the description and/or conditions of use are summarised in Table 2.

Details of these changes can be found in the [Annex](#) to the draft Regulation.

## Why?

The proposed changes to the list of low-risk substances reflect the renewal of approvals of these substances under Regulation [1107/2009](#).

The proposed changes to fertilisers, feed additives, and the use of micro-organisms and ethylene in non-EU countries' organic production are based on recommendations from the European Commission's Expert Group for Technical Advice on Organic Production (see [EGTOP reports on organic production](#)).

## Timeline

The European Commission intends to adopt the proposed Regulation in the first quarter of 2025. The Regulation will apply within 20 days of its publication (expected to be in the second quarter of 2025).

## What are the major implications for exporting countries?

Operators in non-EU countries are recommended to reconfirm with their certification body which substances are authorised for use under the new EU organic rules. Dossiers may need to be submitted to the EU in the case of some substances that were previously used under the old equivalence rules, but which now require specific EU authorisation for use on organic exports (provided they are registered for use in the country of origin).

## Recommended Actions

The European Commission's [Have Your Say](#) consultation closed on 4 March 2025; the World Trade Organization's consultation closed on 11 April 2025.

## Background

The Organic Regulation (EU) [2018/848](#) lays down the EU rules on organic production and labelling of organic products. It revised and strengthened the controls system, trade regime, and production rules that had been in place since 2007. The move from the principle of equivalence to the principle of conformity marked a fundamental change to the regulatory approach. The earlier Regulation (EC) [834/2007](#) recognised that organic goods could be produced in ways that were different, but equivalent in terms of their outcome and alignment with organic principles. Under the new Regulation, producers in non-EU countries that do not have equivalence recognised in a trade agreement with the EU, or are not recognised as an equivalent country under Regulation 834/2007, will have to conform with exactly the same set of rules as those in the EU.

In certain instances, farmers in non-EU countries, with specific conditions that are different from EU production conditions, will require different tools. Recognised control authorities/bodies can ask the Commission to evaluate and authorise additional substances in non-EU countries for use in the production of organic products for the EU market (Regulation [2021/1165](#), Art. 10).

For further information see [New EU Organic Regulation Explained](#).

## Resources

Commission Regulation [2018/848](#) on organic production and labelling of organic products

Commission Regulation [2021/1165](#) authorising certain products and substances for use in organic production and establishing their lists

European Commission: [EGTOP reports on organic production](#)

## Sources

[Draft](#) Implementing Regulation amending and correcting Implementing Regulation (EU) 2021/1165 authorising certain products and substances for use in organic production and establishing their lists


[Draft](#) Annex

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## Table & Figures

Table 1 Proposed additions to Annexes of Regulation 2021/1165 <sup>[a]</sup>					
Additions to authorised list of:					
Low-risk active substances	Fertilisers, soil conditioners, and nutrients	Feed materials	Feed additives and processing aids	Food additives and processing aids	Substances that may be used in organic production in non-EU countries
Annex I	Annex II	Annex III(A)	Annex III(B)	Annex V	Annex VI
Lavandulyl senecioate	Carbon dioxide	Single-cell proteins from <i>Trichoderma viride</i> and <i>Aspergillus oryzae</i>	Calcium propionate (preservative)	Buffered vinegar	Micro-organisms including viruses, when used as biological control agents <sup>[c]</sup>
Potassium hydrogen carbonate <sup>[b]</sup>	Calcium acetate	Products from <i>Bacillus subtilis</i> rich in protein	Iron(II) fumarate (nutritional additive, compounds of trace elements)	Fermentation activators	Ethylene for flower induction in pineapple
Straight-chain lepidopteran pheromones (acetates)	Calcium phosphate	Calcium stearate	Ethanol (processing aid)		
Sheep fat <sup>[b]</sup> (used as repellent by smell)	Plant fibre mats		Papain (processing aid)		
Quartz sand <sup>[b]</sup>	Calcium and magnesium gluconate				
Silicon dioxide					
<p>[a] For details of the description, specific limits, and conditions, see Annex to the draft Regulation.</p> <p>[b] Moved to category “low-risk active substances” from category “active substances other than basic substances”.</p> <p>[c] These must not be from genetically modified organism (GMOs) or produced using media of GMO origin.</p> <div>    <a href="http://www.agrininfo.eu">www.agrininfo.eu</a> </div>					

Source: based on [Annex](#) to the draft Regulation

Table 2 Proposed changes to description/conditions of use in Annexes of Regulation 2021/1165				
Low-risk active substances	Fertilisers, soil conditioners, and nutrients	Feed materials	Feed additives and processing aids	Food additives and processing aids
Annex I	Annex II	Annex III(A)	Annex III(B)	Annex V
Pheromones and other semiochemicals	Products and by-products of plant origin; stone meal, clays, and clay minerals	Calcium chloride, and propylene glycol	Lecithin and iron dextran	Yeasts for wine production and lactic acid bacteria
 www.agrininfo.eu				

Source: based on [Annex](#) to the draft Regulation

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