Feed additives: January–February 2024 authorisations

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EU authorises or reauthorises certain feed additives, denies other authorisations

Commission Implementing Regulations 2024/220, 2024/221, 2024/228, 2024/231, 2024/239, 2024/251, 2024/252, 2024/260, 2024/261, 2024/262, 2024/265, 2024/285, 2024/749, 2024/750, 2024/752, 2024/754, 2024/763

Update

An overview of the latest authorisations, reauthorisations, and denied authorisations of feed additives and their use in animal nutrition in target animals.

Impacted products

Feed additives, prepared fodder

What is changing?

New authorisations (January - February 2024)

In January and February 2024, the EU authorised the new feed additives listed in Table 1.

These authorisations are based on the following opinions published by the European Food Safety Authority: EFSA (2022a), (2022b), (2022c), (2022d), (2022e), (2023a), (2023b), (2023c), (2023d), (2023e), (2023f), (2023g), (2023h), (2023i).

Reauthorisations

In January and February 2024, the EU reauthorised the feed additives listed in Table 2.

These reauthorisations are based on the following opinions published by EFSA: (2023j), (2023k), (2023l), (2023m), (2023n), (2023o), (2023p), (2023q).

Denied authorisations

Regulation 2024/752 denies authorisation of a preparation of astaxanthin-rich *Phaffia rhodozyma* (ATCC SD-5340) as a feed additive for salmon and trout, based on EFSA's opinion (2022f).

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Amended authorisations

Regulation 2024/754 authorises the use of a preparation of *Bacillus subtilis* DSM 32324, DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840 for all poultry species simultaneously with the coccidiostats diclazuril, decoquinate, halofuginone, monensin, salinomycin, narasin, a combination of nicarbazin and narasin, and lasalocid, based on EFSA's opinion (2023r) that these uses are compatible.

The EU also corrected and amended Implementing Regulations (EU) 2022/1421, (EU) 2022/652, (EU) 2022/1490 and (EU) 2022/320 regarding the use of expressed orange essential oil, distilled orange essential oil and folded orange oils from *Citrus sinensis* as feed additives for dogs, cats, horses, rabbits, ornamental fish, and ornamental birds.

Why?

Applications for the above authorisations and reauthorisations were submitted and considered by the Reference Laboratory set up by the Feed Additives Regulation (1831/2003).

EFSA could not conclude on the safety of astaxanthin-rich *Phaffia rhodozyma* (ATCC SD-5340) as a feed additive for salmon and trout, and its safety for consumers of these products.

EFSA could not conclude on the safety of citrus by-products as feed additives for dogs, cats and ornamental fish, because they are not normally exposed to those by-products.

Timeline

Regulations 2024/220, 2024/221, 2024/228, 2024/231, and 2024/260 apply from **1 February 2024**. These authorisations remain valid until 4 February 2034.

Regulations 2024/251, 2024/252, and 2024/285 apply from **6 February 2024**. These authorisations remain valid until 6 February 2034.

Regulations 2024/261, 2024/262, 2024/265, and 2024/285 apply from **7 February 2024**. These authorisations remain valid until 7 February 2034.

Regulations 2024/749, 2024/750, 2024/752, 2024/754, and 2024/763 will apply from **21 March 2024**. These authorisations remain valid until 21 March 2034.

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What are the major implications for exporting countries?

With new authorisations, more feed additives will be available on the market. Authorisations and renewals are valid for 10 years. The way that all preparations and substances specified as feed additives are used must comply with the provisions of use specified in the Annex to each Regulation.

Recommended Actions

Non-EU countries producing feed additives, compound feed, and feed materials for export to the EU are recommended to check the status of the feed additives in the EU Feed Additives register.

To be able to filter and to see more information, it is advised to download the register in Excel format (see foot of Food and Feed Information Portal).

Background

The procedure for authorising the placing on the market and use of feed additives is set out in Regulation (EC) 1831/2003. For the latest updates on feed additives see the EU Feed Additives register.

Resources

European Commission:

Regulation 1831/2003 on additives for use in animal nutrition

EU Feed Additives register

European Food Safety Authority:

EFSA (2023a) Efficacy of a feed additive consisting of *Companilactobacillus farciminis* CNCM I-3740 (Biacton®) for chickens and turkeys for fattening (ChemVet dk A/S). EFSA Journal, 21(6): 8049.

EFSA (2023b) Safety and efficacy of a feed additive consisting of halofuginone hydrobromide (STENOROL®) for chickens for fattening and turkeys for fattening/reared for breeding. EFSA Journal, 21(4): 7978.

EFSA (2023c) Safety and efficacy of a feed additive consisting of a tincture derived from the fruit of *Anethum graveolens* L. (dill tincture) for use in all animal species (FEFANA asbl). EFSA Journal, 21(1): 7691.

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EFSA (2023d) Safety and efficacy of a feed additive consisting of a tincture derived from the fruit of *Foeniculum vulgare* Mill. ssp. *vulgare* var. dulce (sweet fennel tincture) for use in all animal species (FEFANA asbl). EFSA Journal, 21(1): 7693.

EFSA (2023e) Safety and efficacy of a feed additive consisting of a tincture derived from the fruit of *Petroselinum crispum* (Mill.) Fuss (parsley tincture) for use in all animal species (FEFANA asbl). EFSA Journal, 21(1): 7694.

EFSA (2023f) Safety and efficacy of feed additives prepared from *Piper nigrum* L.: black pepper oil and black pepper oleoresin for use in all animal species and a supercritical extract for use in dogs and cats (FEFANA asbl). EFSA Journal, 20(11): 7599.

EFSA (2023g) Safety and efficacy of a feed additive consisting of a zinc(II)–betaine complex for all animal species (Biochem Zusatzstoffe Handels- und Produktionsges. mbH). EFSA Journal, 21(2): 7819.

EFSA (2023h) Safety and efficacy of a feed additive consisting of a tincture derived from the roots of *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. (taiga root tincture) for use in dogs, cats and horses (FEFANA asbl). EFSA Journal, 21(2): 7876.

EFSA (2023i) Safety of a feed additive consisting of lignosulphonate for all animal species (Borregaard AS). EFSA Journal, 21(4): 7956.

EFSA (2023j) Assessment of the feed additive consisting of *Pediococcus pentosaceus* NCIMB 30168 for all animal species for the renewal of its authorisation (Volac International Ltd). EFSA Journal, 21(6): 8046.

EFSA (2023k) Safety and efficacy of a feed additive consisting of endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-glucanase produced by *Trichoderma reesei* ATCC 74444 (Ronozyme® Multigrain) for use in poultry for fattening, poultry for laying and piglets (weaned) (DSM Nutritional Products). EFSA Journal, 21(6): 8043.

EFSA (2023l) Assessment of eight feed additives consisting of *Lactiplantibacillus plantarum* CNCM I-3235, *L. plantarum* CNCM I-3736/DSM 11672,Pediococcus acidilactici CNCM I-3237, *P. acidilactici* CNCM I-4622/DSM 11673, *Pediococcus pentosaceus* NCIMB 12455, *Acidipropionibacterium acidipropionici* CNCM I-4661, *Lentilactobacillus buchneri* NCIMB 40788/CNCM I-4323 and *L. buchneri* NCIMB 40788/CNCM I-4323 *plus Lentilactobacillus hilgardii* CNCM I-4785 for all animal species for the renewal of their authorization (Danstar Ferment AG). EFSA Journal, 21(2): 7865.

EFSA (2023m) Assessment of the feed additive consisting of *Lactiplantibacillus plantarum* DSM 23375 for all animal species for the renewal of its authorisation (Agri-King, Inc.). EFSA Journal, 21(6): 8054.

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EFSA (2023n) Safety and efficacy of a feed additive consisting of endo-1,4-β-glucanase produced by *Trichoderma citrinoviride* IMI 360748 (Hostazym C) for use in all poultry species for fattening and reared for laying/breeding, ornamental birds and piglets (weaned and suckling) (Huvepharma NV). EFSA Journal, 21(4): 7954.

EFSA (2023o) Assessment of the feed additive consisting of thaumatin for all animal species for the renewal of its authorisation (ADISSEO France S.A.S.). EFSA Journal, 21(6): 8077.

EFSA (2023p) Assessment of the feed additive consisting of *Lactiplantibacillus plantarum* (formerly *Lactobacillus plantarum*) NCIMB 30083 for all animal species for the renewal of its authorisation (Chr. Hansen A/S). EFSA Journal, 21(8): 8154.

EFSA (2023q) Assessment of the feed additive consisting of *Lactiplantibacillus plantarum* (formerly *Lactobacillus plantarum*) NCIMB 30084 for all animal species for the renewal of its authorisation (Chr. Hansen A/S). EFSA Journal, 21(7): 8167.

EFSA (2023r) Assessment of the application for modification of the terms of the authorisation of the feed additive consisting of *Bacillus subtilis* DSM 32324, *Bacillus subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840 (GalliPro® Fit) for all poultry species for fattening and reared for laying/breeding (Chr. Hansen A/S). EFSA Journal, 21(8): 8179.

EFSA (2022a) Safety and efficacy of a feed additive consisting of an essential oil from the fruit of *Cuminum cyminum* L. (cumin oil) for use in all animal species (FEFANA asbl). EFSA Journal, 20(12): 7690.

EFSA (2022b) Safety and efficacy of a feed additive consisting of a tincture derived from the roots of *Angelica sinensis* (Oliv.) Diels (dong quai tincture) for use in poultry, horses, dogs and cats (FEFANA asbl). EFSA Journal, 20(12): 7692.

EFSA (2022c) Safety and efficacy of a feed additive consisting of a tincture derived from the fruit of *Illicium verum* Hook f. (star anise tincture) for use in all animal species (FEFANA asbl). EFSA Journal, 20(12): 7695.

EFSA (2022d) Safety and efficacy of a feed additive consisting of an essential oil from the aerial parts of *Anethum graveolens* L. (dill herb oil) for use in dogs and cats (FEFANA asbl). EFSA Journal, 20(12): 7689.

EFSA (2022e) Safety and efficacy of a feed additive consisting of an essential oil from the gum resin of *Ferula assa-foetida* L. (asafoetida oil) for use in dogs and cats (FEFANA asbl). EFSA Journal, 20(12): 7688.

EFSA (2022f) Safety and efficacy of a feed additive consisting of astaxanthin-rich *Phaffia rhodozyma* for salmon and trout (Igene Biotechnology, Inc.). EFSA Journal, 20(2): 7161.

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Sources

Commission Implementing Regulations:

2024/220 concerning the renewal of the authorisation of a preparation of *Pediococcus pentosaceus* NCIMB 30168 as a feed additive for all animal species

2024/221 concerning the renewal of the authorisation of a preparation of endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-glucanase, produced by *Trichoderma reesei* ATCC 74444, as a feed additive for all poultry species for fattening, all poultry species for laying and weaned piglets

2024/228 concerning the authorisation of a preparation of *Companilactobacillus farciminis* CNCM I-3740 as a feed additive for chickens for fattening and turkeys for fattening

2024/231 concerning the authorisation of a preparation of halofuginone hydrobromide (Stenorol) as a feed additive for chickens for fattening, turkeys for fattening and turkeys reared for breeding

2024/239 correcting and amending Implementing Regulations (EU) 2022/1421, (EU) 2022/652, (EU) 2022/1490 and (EU) 2022/320

2024/251 concerning the renewal of the authorisation of the preparations of *Lactiplantibacillus plantarum* CNCM I-3235, *Lactiplantibacillus plantarum* DSM 11672/CNCM I-3736, *Pediococcus acidilactici* CNCM I-3237, *Pediococcus acidilactici* DSM 11673/CNCM I-4622, *Pediococcus pentosaceus* NCIMB 12455, *Acidipropionibacterium acidipropionici* CNCM I-4661, *Lentilactobacillus buchneri* NCIMB 40788/CNCM I-4323 and *Lentilactobacillus hilgardii* CNCM I-4785 and *Lentilactobacillus buchneri* CNCM I-4323/NCIMB 40788 as feed additives for all animal species

2024/252 concerning the renewal of the authorisation of a preparation of *Lactiplantibacillus plantarum* DSM 23375 as a feed additive for all animal species

2024/260 concerning the authorisation of cumin essential oil from *Cuminum cyminum* L., sweet fennel tincture from *Foeniculum vulgare* Mill. ssp. *vulgare* var. dulce, dong quai tincture from *Angelica sinensis* (Oliv.) Diels, parsley tincture from *Petroselinum crispum* (Mill.) Fuss, star anise tincture from *Illicium verum* Hook f., asafoetida essential oil from *Ferula-assa-foetida* L., dill herb essential oil from *Anethum graveolens* L. and dill tincture from *Anethum graveolens* L. as feed additives for certain animal species

2024/261 concerning the authorisation of black pepper essential oil and black pepper oleoresin from *Piper nigrum* L. as feed additives for all animal species and black pepper supercritical extract from *Piper nigrum* L. as a feed additive for cats and dogs

2024/262 concerning the renewal of the authorisation of a preparation of endo-1,4-beta-glucanase produced by *Trichoderma citrinoviride* IMI 360748 as a feed additive

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for chickens for fattening, minor poultry species for fattening and weaned piglets, the authorisation of that preparation as a feed additive for turkeys for fattening, all poultry species reared for laying or breeding, ornamental birds and suckling piglets

2024/285 concerning the authorisation of taiga root tincture from *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim as a feed additive for dogs, cats and horses

2024/749 concerning the authorisation of lignosulphonate as a feed additive for all animal species

2024/750 concerning the renewal of the authorisation of thaumatin as a feed additive for all animal species

2024/752 concerning the denial of authorisation of a preparation of astaxanthin-rich *Phaffia rhodozyma* (ATCC SD-5340) as a feed additive for salmon and trout

2024/754 amending Implementing Regulation (EU) 2020/1762 as regards the terms of the authorisation of a preparation of *Bacillus subtilis* DSM 32324, *Bacillus subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840 as a feed additive for all poultry species for fattening or reared for laying or reared for breeding

2024/763 concerning the renewal of the authorisation of preparations of *Lactiplantibacillus plantarum* NCIMB 30083 and *Lactiplantibacillus plantarum* NCIMB 30084 as feed additives for all animal species

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Tables & Figures

Table 1
New authorisations of feed additives (January - February 2024)

Regulation	Additive	Use	Target
2024/228	Preparation of *Companilactobacillus farciminis* CNCM I-3740	Gut flora stabiliser	Chickens, turkey for fattening
2024/231	Halofuginone hydrobromide (Stenorol)	Coccidiostats and histomonostats	Chickens for fattening; turkeys for fattening, breeding
2024/260	Cumin essential oil (*Cuminum cyminum* L.)	Flavouring compounds	All animal species
	Sweet fennel tincture (*Foeniculum vulgare* Mill. ssp. *vulgare* var. dulce)		
	Dong quai tincture (*Angelica sinensis* (Oliv.) Diels)		
	Parsley tincture (*Petroselinum crispum* (Mill.) Fuss)		
	Star anise tincture (*Illicium verum* Hook f.)		
	Asafoetida essential oil (*Ferula-assa-foetida* L.)		
	Dill herb essential oil; dill tincture (*Anethum graveolens* L.)		
2024/261	Black pepper (*Piper nigrum* L.) essential oil, oleoresin, supercritical extract	Flavouring compounds	All animal species
2024/265	Zinc(II)– betaine complex	Nutritional additives	All animal species except aquatic animals in marine aquaculture systems
2024/285	Taiga root tincture (*Eleutherococcus senticosus* (Rupr. & Maxim.))	Flavouring compound	Dogs, cats, horses
2024/749	Lignosulphonate	Binder	All animal species

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Source: based on Regulations 2024/228, 2024/231, 2024/260, 2024/261, 2024/265, 2024/285, 2024/749

Table 2
Renewed authorisations of feed additives (January - February 2024)

Regulation	Additive	Use	Target
2024/220	Preparation of *Pediococcus pentosaceus* NCIMB 30168	Silage additive	All animal species
2024/221	Preparation of endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-glucanase, produced by *Trichoderma reesei* ATCC 74444	Digestibility enhancers	Poultry for fattening, laying; weaned piglets
2024/251	*Lactiplantibacillus plantarum* CNCM I-3235, DSM 11672/CNCM I-3736	Silage additives	All animal species
	Pediococcus acidilactici CNCM I-3237, DSM 11673/CNCM I-4622		
	Pediococcus pentosaceus NCIMB 12455		
	Acidipropionibacterium acidipropionici CNCM I-4661		
	Lentilactobacillus buchneri NCIMB 40788/CNCM I-4323, CNCM I-4323/NCIMB 40788		
	Lentilactobacillus hilgardii CNCM I-4785		
2024/252	*Lactiplantibacillus plantarum* DSM 23375	Silage additive	All animal species
2024/262	Preparation of endo-1,4-beta-glucanase produced by *Trichoderma citrinoviride* IMI 360748	Digestibility enhancer	Poultry for fattening, laying, or breeding; weaned and suckling piglets, ornamental birds
2024/750	Thaumatin	Flavouring compound	All animal species
2024/763	Preparations of *Lactiplantibacillus plantarum* NCIMB 30083, NCIMB 30084	Silage additives	All animal species

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Source: based on Regulations 2024/220, 2024/221, 2024/251, 2024/252, 2024/262, 2024/750, 2024/763

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