

CONSOLIDATED EU EARLY ALERT - PESTICIDE REVIEW

March 8, 2023

The **Consolidated** version of the **EU Early Alert – Pesticide Review** incorporates information made available in past publications with the updates of the latest version (**February 28, 2023**).

APPLICATION FOR RENEWAL – EXPECTED TO EXPIRE (up to February 2024)

Chemical companies must support the review of their substance. If they do not, the active ingredient will automatically expire in the EU on a set date. For the substances below, registrants **have not submitted the application** for renewal of approval or **have withdrawn the application** and **approval will expire**. Corresponding MRLs may be affected. The substance's expiration date is outlined in parentheses.

- **Bacillus firmus I-1582*** (September 30, 2023)
- **Spiromesifen** (September 30, 2023)
- **Trichoderma atroviride** (formerly *T. harzianum*) **strain IMI 206040*** (September 30, 2023)

APPLICATION FOR RENEWAL - EXPIRED (2017 – February 2023)

Substances in this section **have already expired** due to **non-submission of application for renewal** or **withdrawal of application for renewal**. This list includes substances that have expired since 2017. Corresponding MRLs may be affected. Expiration date is outlined in parentheses.

- **Imazosulfuron** (July 31, 2017)
- **Fipronil** (September 30, 2017)
- **Glufosinate** (July 31, 2018)
- **Imazaquin** (December 31, 2018)
- **Propanil** (February 20, 2019)
- **Ammonium acetate** (August 31, 2019)
- **Methomyl** (August 31, 2019)
- **Sodium hypochlorite** (August 31, 2019)
- **Triadimenol** (August 31, 2019)
- **Quinalofop-P** (November 30, 2019)
- **Chlorsulfuron** (December 31, 2019)
- **Cyromazine** (December 31, 2019)
- **Triflumizole** (June 30, 2020)
- **Spirodiclofen** (July 31, 2020)
- **Diuron** (September 30, 2020)
- **Thiophanate-methyl** (October 31, 2020)
- **Imidacloprid** (December 1, 2020)
- **Zeta cypermethrin** (December 1, 2020)
- **Fenbuconazole** (April 30, 2021)
- **Carboxin** (May 31, 2021)
- **Cyproconazole** (May 31, 2021)
- **Etridiazole** (May 31, 2021)
- **Flutriafol** (May 31, 2021)
- **Myclobutanil** (May 31, 2021)
- **Oryzalin** (May 31, 2021)
- **Bispyribac** (July 31, 2022)
- **Plant oils /Citronella oil*** (August 31, 2022)

**Substance is exempted from a tolerance in the United States*

UP NEXT FOR REVIEW (Up to February 2024)

Under the EU pesticide review program, the substances listed in this section are scheduled to go through the periodic review process. They have **upcoming deadlines for the submission of the application for renewal**.

- **Methoxyfenozide** (March 31, 2023)
- **Pinoxaden** (June 30, 2023)
- **Cyantraniliprole** (September 14, 2023)
- **Isofetamid** (September 15, 2023)
- **Bacillus amyloliquefaciens MBI 600*** (September 16, 2023)

STANDING COMMITTEE ON PLANTS, ANIMALS, FOOD AND FEED (SCoPAFF)

Based on the European Food Safety Authority (EFSA) conclusions, the European Commission has proposed the substances in this section for **non-renewal** or **restricted renewal**. These include substances that were introduced for discussion since 2018 and remain **under consideration** by the Standing Committee on Plants, Animals, Food and Feed (SCoPAFF). Some draft proposals may be notified to the World Trade Organization (WTO) prior to the Committee's final vote. In these cases, substances are listed below and in the next section.

Drafts presented for discussion

- **Captan**

Drafts presented for a vote

- **Oxamyl**
- **Ipconazole**

WTO NOTIFICATION (2018 – February 2023)

The substances in this section have been notified to the **WTO as proposed for non-renewal or restricted renewal**. After the comment period, the Commission will analyze the comments received and publish the Implementing Regulation. Notification date is outlined in parentheses (.). Please refer to the draft Commission Regulation for the full explanation of the justification for the restricted or non-renewal of approval.

Mepanipyrim: proposed restricted use in greenhouses based on endocrine disrupting potential. (Sep 3, 2018)

Captan: proposed restricted renewal of approval to permanent greenhouse use only. (September 28, 2022)

Ipconazole: proposed withdrawal of approval due to high long-term risk to birds and classification as toxic for reproduction category 1B. (January 10, 2023)

Oxamyl: proposed non-renewal of approval due to high risk for all the representative uses assessed to exceed the acceptable operator exposure level, exceedance of the acute reference dose, others. (January 16, 2023)

COMMISSION IMPLEMENTING REGULATION (2018 – February 2023)

The Commission has published the final decision on non-renewal or restricted renewal in the EU for the substances in this section. EU MRLs may be subject to change as a result. Implementing regulation publication date is outlined in parentheses (). Please refer to the published Commission Regulation for the full explanation of the justification for the restricted or non-renewal of approval.

Penflufen: approval restricted to use on seeds and other propagating materials. (February 7, 2018)

Bifenthrin: approval restricted to greenhouse use based on potential bioaccumulation and biomagnification in the aquatic environment. (February 26, 2018)

Fenazaquin: approval restricted to greenhouse and ornamental use only. (May 7, 2018)

Propyzamide: restricted renewal as a candidate for substitution due to persistent and toxic properties. (May 23, 2018)

Clothianidin: approval restricted to permanent greenhouse use due to risk to bees. (May 29, 2018)

Imidacloprid: approval restricted to permanent greenhouse use due to high risk to bees. (May 29, 2018)

Thiamethoxam: approval restricted to permanent greenhouse use due to high risk to bees. (May 29, 2018)

Fenamidone: non-renewal based on inconclusive risk assessments for genotoxic potential, aquatic organisms, and a toxic groundwater metabolite. (July 25, 2018)

Malathion: approval restricted to permanent greenhouses use based on high risk to birds. (October 9, 2018)

Pymetrozine: non-renewal based on endocrine disrupting properties, potential toxic groundwater exposure, and potential risk to aquatic organisms. (October 9, 2018)

Thiram: non-renewal based on high risk to consumers, birds, mammals, and endocrine disrupting potential. (October 10, 2018)

Diquat: non-renewal due to high risk to bystanders and birds. (October 12, 2018)

Propiconazole: non-renewal based on reproductive toxicity characteristics and endocrine disrupting potential. (November 28, 2018)

Quinoxyfen: non-renewal based on persistent, bioaccumulative and toxic; very persistent and very bioaccumulative; and persistent organic pollutant properties. (December 7, 2018)

Copper Compounds: 5-year renewal as a candidate for substitution due to persistent, bioaccumulative and toxic properties. (December 14, 2018)

Propanil: non-renewal based on withdrawal of application for renewal. (January 31, 2019)

Methoxyfenozide: restricted renewal as a candidate for substitution and limiting the uses to fruiting vegetables of Solanaceae in greenhouses. (February 1, 2019)

COMMISSION IMPLEMENTING REGULATION *(Continued)*

Ethoprophos: non-renewal based on health and environmental concerns that could not be finalized. (March 1, 2019)

Chlorothalonil: non-renewal based on concerns of groundwater pollution, persistent biotoxicity and carcinogenic properties. (April 30, 2019)

Chlorpropham: non-renewal based on concerns of endocrine disrupting properties and risk to non-target arthropods. (June 18, 2019)

Dimethoate: non-renewal based on concerns of genotoxic, reproductive, persistent bioaccumulative toxicity, high risk to mammals and non-target arthropods, and risk to honeybees. (June 27, 2019)

Desmedipham: non-renewal based on potential endocrine disrupting, carcinogenic, and mutagenic properties. (June 28, 2019)

Methiocarb: non-renewal based on unacceptable risk to workers and genotoxic potential of metabolite. (September 30, 2019)

Alpha-cypermethrin: restricted renewal as a candidate for substitution until October 31, 2026. (October 9, 2019)

Chlorpyrifos: non-renewal based on genotoxic potential, developmental neurotoxicity, and classification of the substance as toxic for reproduction, category 1B. (January 13, 2020)

Chlorpyrifos-methyl: non-renewal based on genotoxic potential, developmental neurotoxicity, and classification of the substance as toxic for reproduction, category 1B. (January 13, 2020)

Thiacloprid: non-renewal based on a critical concern in relation to the contamination of groundwater by metabolites containing carcinogenic properties. There is also an undetermined risk to aquatic organisms, bees, and non-target plants, as well as concerns on the impact on reproductive toxicity. (January 14, 2020)

Metalaxyl-M: restricted renewal limits seeds treated with metalaxyl-M to only be grown in greenhouses. (May 5, 2020)

Beta-cyfluthrin: non-renewal based on unacceptable risk to workers, high risk to residents, non-target arthropods, and to aquatic organisms. (June 30, 2020)

Bromoxynil: non-renewal based on suggested classification as toxic for reproduction category 1B. (September 14, 2020)

Thiophanate-methyl: non-renewal due to the withdraw of application for the renewal of approval. (October 15, 2020)

Mancozeb: non-renewal based on classification as toxic for reproduction category 1B. (December 15, 2020)

Etoxazole: renewal as a candidate for substitution and restricted to use on ornamental plants in permanent greenhouses. (December 16, 2020)

COMMISSION IMPLEMENTING REGULATION *(Continued)*

Fenpyrazamine: renewal restricts products with concentration of hydrazine higher than 0.0001%. (March 16, 2021)

Alpha-cypermethrin: withdrawal of approval as applicant did not submit required confirmatory data. (May 17, 2021)

Cyazofamid: renewal subject to confirmatory data submitted within two years. (May 26, 2021)

Famoxadone: non-renewal due to high potential for workers exposure, high long-term risk for mammals and high risk for aquatic organisms. (August 20, 2021)

Cypermethrin: renewal of approval as a candidate for substitution. (November 25, 2021)

Indoxacarb: non-renewal due to risks posed to mammals and bees, as well as insufficient data to complete consumer, groundwater, and ecotoxicology risk assessments. (November 29, 2021)

Phosmet: non-renewal based on environmental concerns and multiple data gaps. (January 24, 2022)

Sulfoxaflor: restricted renewal to permanent greenhouse uses only. (April 28, 2022)

Bifenazate: restricted renewal to non-edible crops in permanent greenhouses. (May 3, 2022)

Benfluralin: non-renewal based on long-term risk to birds and mammals including the risk from secondary poisoning of earthworm eating birds and mammals, as well as the genotoxic potential of an impurity could not be excluded. (January 23, 2023)

MRL CHANGES (2018 – February 2023)

As a **result of non-renewal** or **expiration of approval**, restrictive MRLs have either been proposed (WTO notification) or implemented (Commission Regulation) for the substances below.

WTO Notification:


- **Imazaquin:** WTO notification G/SPS/N/EU/527. (December 15, 2021)
- **Cyromazine:** WTO notification G/SPS/N/EU/582. (July 21, 2022)
- **Topramezone:** WTO notification G/SPS/N/EU/582. (July 21, 2022)
- **Triflumizole:** WTO notification G/SPS/N/EU/582. (July 21, 2022)
- **Calcium phosphide*:** WTO notification G/SPS/N/EU/582. (July 21, 2022)
- **Phosmet:** WTO notification G/SPS/N/EU/606. (December 14, 2022)
- **Bifenazate:** WTO notification G/SPS/N/EU/609. (January 17, 2023)
- **Carboxin:** WTO notification G/SPS/N/EU/616. (February 23, 2023)
- **Diuron:** WTO notification G/SPS/N/EU/617. (February 24, 2023)
- **Etoxazole:** WTO notification G/SPS/N/EU/617. (February 24, 2023)
- **Methomyl:** WTO notification G/SPS/N/EU/617. (February 24, 2023)

MRL CHANGES (Continued)

Implementing Regulation:

- **Diphenylamine:** Commission Regulation 2018/1515 on October 10, 2018. *Effective date: May 1, 2019*
- **Iprodione:** Commission Regulation 2019/38 on January 11, 2019. *Effective date: July 31, 2019*
- **Linuron:** Commission Regulation 2019/58 on January 15, 2019. *Effective date: August 4, 2019*
- **Buprofezin:** Commission Regulation 2019/91 on January 24, 2019. *Effective date: August 13, 2019*
- **Diflubenzuron:** Commission Regulation 2019/91 on January 24, 2019. *Effective date: August 13, 2019*
- **Picoxystrobin:** Commission Regulation 2019/91 on January 24, 2019. *Effective date: August 13, 2019*
- **Fipronil:** Commission Regulation 2019/1792 on October 17, 2019. *Effective date: May 18, 2020*
- **Imazosulfuron:** Commission Regulation 2019/1792 on October 17, 2019. *Effective date: May 18, 2020*
- **Orthosulfamuron:** Commission Regulation 2019/1792 on October 17, 2019. *Effective date: May 18, 2020*
- **Triasulfuron:** Commission Regulation 2019/1792 on October 17, 2019. *Effective date: May 18, 2020*
- **Chlorpyrifos:** Commission Regulation 2020/1085 on July 24, 2020. *Effective date: November 13, 2020*
- **Chlorpyrifos-methyl:** Commission Regulation 2020/1085 on July 24, 2020. *Effective date: November 13, 2020*
- **Chlorothalonil:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Chlorpropham:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Dimethoate:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Ethoprop:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Fenamidone:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Propiconazole:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Pymetrozine:** Commission Regulation 2021/155 on February 10, 2021. *Effective date: September 2, 2021*
- **Thiram:** Commission Regulation 2022/1406 on August 3, 2022. *Effective date: February 28, 2023*
- **Cyfluthrin:** Commission Regulation 2023/173 on January 27, 2023. *Effective date: August 16, 2023*
- **Beta Cyfluthrin:** Commission Regulation 2023/173 on January 27, 2023. *Effective date: August 16, 2023*
- **Bromoxynil:** Commission Regulation 2023/128 on January 19, 2023. *Effective date: August 8, 2023*

**Substance is exempted from a tolerance in the United States*

MRL CHANGES *(Continued)* Implementing Regulation:

- **Chlorsulfuron:** Commission Regulation 2023/128 on January 19, 2023. *Effective date: August 8, 2023*
- **Clothianidin:** Commission Regulation 2023/334 on February 15, 2023. *Effective date: March 7, 2026*
- **Thiamethoxam:** Commission Regulation 2023/334 on February 15, 2023. *Effective date: March 7, 2026*
- **Sodium aluminum silicate:** Commission Regulation 2023/377 on February 22, 2023. *Effective date: September 14, 2023*
- **Triadimenol:** Commission Regulation 2023/377 on February 22, 2023. *Effective date: September 14, 2023*

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