

EU PESTICIDE RENEWAL MONITOR

February 29, 2020¹

In the European Union, all active ingredients undergo periodic reevaluation, as laid out in Regulation (EC) No. 1107/2009². The reevaluation process typically follows the scheme indicated in the figure below.

This document provides an overview of active ingredients that are currently undergoing or are scheduled for the periodic active ingredient renewal in the European Union and it is prepared based on publicly available information. It lists active ingredients that expired or are expected to expire, as of **February 29, 2020**. Please note that the renewal process relates to the approval of active ingredients used in the EU market. It is lengthy and unpredictable. Only final, published Regulations are definitive. Pesticide Renewal is a separate process to the EU MRL and Import Tolerance setting, which is governed by specific legislation. MRL change or removal may happen after non-renewal has been finalized.

For additional information on the registration status and expiry dates for active ingredients that are not listed in this document, please refer to the [EU pesticide database](#)³.

For information on specific active ingredients, please consult the [EFSA website](#)⁴ (then click on the “Pesticide Dossier” tab) or contact the companies that are supporting the active ingredient through the renewal process by contacting croplife@croplife.org.



Figure 1: Schematic overview of the EU reevaluation process, timelines are indicative as outlined in Regulation (EC) No. 1107/2009. Steps can take longer than indicated.

Disclaimer: The EU Pesticide Renewal Monitor is intended for information purposes only. Users are invited to verify the information obtained from the EU Pesticide Renewal Monitor with knowledgeable third parties prior to engaging in any business activities, such as the sale or shipment of any product. Users acknowledge that CropLife International and [BCI](#) are not responsible for the accuracy, reliability, and currency of the information and that the information provided may not be one hundred percent (100%) accurate, up-to-date, and free of omissions. CropLife International and BCI shall not be held liable for any losses or damages arising from any errors, omissions, or misrepresentations from the use of the information contained in the EU Pesticide Renewal Monitor.

¹ This EU Pesticide Renewal Monitor issue reflects substances listed as non-renewal or restricted renewal on the PAFF agenda up to the December 2019 meeting.

² <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32009R1107&from=EN>

³ <https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN>

⁴ <http://registerofquestions.efsa.europa.eu/roqFrontend/ListOfQuestionsNoLogin>

APPLICATION FOR RENEWAL - EXPIRED (February 2019 - February 2020)

Chemical companies must submit an application for renewal of approval of their active ingredient to EU authorities. If they do not, the active ingredient will automatically expire in the EU on a set date. Active ingredients below **have already expired** due to **no submission of application for renewal** or **withdrawal of application for renewal**. This list includes substances that have expired since February 2019.

Propanil	20/02/2019	Putrescine	31/08/2019
Fuberidazole	28/02/2019	Sodium hypochlorite	31/08/2019
Fenpropimorph	30/04/2019	Triadimenol	31/08/2019
Tralkoxydim	30/04/2019	Trimethylamine hydrochloride	31/08/2019
Trichoderma polysporum strain IMI 206039	30/04/2019	Sodium aluminium silicate	31/08/2019
Bacillus thuringiensis subsp. Tenebrionis strain NB 176 (TM 14 1)	30/04/2019	Quizalofop-P	30/11/2019
Sea-algae extract	31/08/2019	Teflubenzuron	30/11/2019
Ammonium acetate	31/08/2019	Difenacoum	30/12/2019
Limestone	31/08/2019	Chlorsulfuron	31/12/2019
Methomyl	31/08/2019	Cyromazine	31/12/2019
Pepper	31/08/2019	Lufenuron	31/12/2019

APPLICATION FOR RENEWAL - EXPECTED TO EXPIRE (Up to February 2021)

Applications for **renewal of approval were not submitted** or **applications have been withdrawn** for the active ingredients below. The expiration date is outlined. Please note that the expiration of active ingredients in the EU is not notified to the World Trade Organization (WTO).

Phlebiopsis gigantea multiple strains	30/04/2020	Spirodiclofen	31/07/2020
Trichoderma atroviride	30/04/2020	FEN 560	31/10/2020
Triflumizole	30/06/2020		

UP NEXT FOR REVIEW (Up to December 2020)

Under the EU pesticide review program, the active ingredients listed below have **upcoming deadlines** for the **submission of the application for renewal**. The list shows all active ingredients that are scheduled to go through the periodic renewal process. This does not imply that these active ingredients will have issues with renewal in the EU.

Benzovindiflupyr	02/03/2020	Ametoctradin	20/07/2020
Isopyrazam	31/03/2020	Mandipropamid	20/07/2020
Lambda-Cyhalothrin	31/03/2020	Bacillus firmus I01582	30/09/2020
Metsulfuron methyl	31/03/2020	Bixafen	30/09/2020
Phosphane	31/03/2020	Candida oleophila strain O	30/09/2020
Cyflumetofen	31/05/2020	Halosulfuron methyl	30/09/2020
Helicoverpa armigera		Maltodextrin	30/09/2020
nucleopolyhedrovirus HearNPV	31/05/2020	Paecilomyces fumosoroseus	
Spodoptera littoralis		strain Fe9901	30/09/2020
nucleopolyhedrovirus	31/05/2020	Potassium phosphonates	30/09/2020
Trichoderma asperellum (s T34)	31/05/2020	Spiromesifen	30/09/2020
Trichoderma atroviride		Thymol	30/11/2020
strain I-1237	31/05/2020	Eugenol	30/11/2020
Zucchini Yellow Mosaik		Geraniol	30/11/2020
Virus, weak strain	31/05/2020		

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

Active ingredients below have been under discussion for **non-renewal** or **restricted renewal** and are now **under consideration** by the Standing Committee on Plants, Animals, Food and Feed (PAFF). A final decision has not yet been made.

- **Bifenazate**
- **Etoxazole**
- **Famoxadone**
- **Fenamiphos**
- **Indoxacarb**
- **Mancozeb**
- **Metalaxyl-M (Mefenoxam)**
- **Thiophanate-methyl**

WTO NOTIFICATION (February 2019 – February 2020)

Active ingredients below have been notified to the **WTO as proposed for non-renewal or restricted renewal**. These WTO Technical Barrier to Trade (TBT) notifications advise that the active ingredient is subject to a proposed non-renewal for use in the EU. This is not necessarily indicative of the final EU decision. Further Committee work is done by the Commission and EU Member States after notification, which can change the proposal. Definitive non-renewal regulation may take a significant period of time after the WTO consultation has completed. These notifications do not advise what will happen with EU MRLs. This information is provided in notifications via WTO Sanitary and Phytosanitary (SPS), typically some years later. For full explanation on the justification for proposed restricted or non-renewal of approval, please refer to the draft implementing regulation. Notification date is outlined in parentheses ().

Thiophanate-methyl: proposed non-renewal based on potential reproductive toxicity. (01/03/2019)

Beta-cyfluthrin: proposed non-renewal based on unacceptable risk to workers, high risk to residents, to non-target arthropods and to aquatic organisms. (20/02/2020)

Proposed restricted renewal:

Metalaxyl-M: proposed renewal limits the use of treated seeds to greenhouses. (04/11/2019)

COMMISSION IMPLEMENTING REGULATION (February 2019 - February 2020)

The Commission has published the final decision on non-renewal or restricted renewal in the EU for the active ingredients below. For full explanation on the justification for restricted or non-renewal of approval, please refer to the published implementing regulation. Publication date is outlined in parentheses ().

Ethoprophos: non-renewal based on health and environmental concerns that could not be finalized. (01/03/2019)

Chlorothalonil: non-renewal based on concerns of groundwater pollution, persistent biotoxicity and carcinogenic properties. (30/04/2019)

Chlorpropham: non-renewal based on concerns of endocrine disrupting properties and risk to non-target arthropods. (18/06/2019)

Dimethoate: non-renewal based on concerns of genotoxic, reproductive, persistent bioaccumulative toxicity, high risk to mammals and non-target arthropods, and a risk to honeybees. (27/06/2019)

Desmedipham: non-renewal based on potential endocrine disrupting, carcinogenic, and mutagenic properties. (28/06/2019)

Methiocarb: non-renewal based on an unacceptable risk to workers, even when considering the use of personal protective equipment and a high risk to birds, mammals and earthworms. (30/09/2019)

COMMISSION IMPLEMENTING REGULATION (continued)

Chlorpyrifos: non-renewal based on genotoxic potential, developmental neurotoxicity, and classification of the substance as toxic for reproduction, category 1B. (13/01/2020)

Chlorpyrifos-methyl: non-renewal based on genotoxic potential, developmental neurotoxicity, and classification of the substance as toxic for reproduction, category 1B. (13/01/2020)

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. (14/01/2020)

Restricted renewal:

Methoxyfenozide: restricted renewal as a candidate for substitution and limiting the uses to fruiting vegetables of Solanaceae in greenhouses. (01/02/2019)

Cyflumetofen: restricted renewal for plant protection products containing cyflumetofen shall only be authorised for uses where the level of metabolite B3 in groundwater is expected to be below 0,1 µg/L. (30/04/2019)

Tolclofos-methyl: restricted renewal to ornamentals and potatoes only, to minimize the exposure for consumers to certain metabolites and to reduce the exposure of aquatic organisms and wild mammals to this substance. (28/06/2019)

Alpha-Cypermethrin: restricted renewal as a candidate for substitution until October 31, 2026. (09/10/2019)

MRL CHANGES (February 2019 - February 2020)

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. Notifications of MRL changes will appear as WTO SPS notifications.

WTO SPS Notification

- **Azinphos-methyl:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Flufenoxuron:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Oxadiazon:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Phosalone:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Tall oil pitch:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Tall oil crude:** WTO notification G/SPS/N/EU/371. (2/28/2020)
- **Chlorpyrifos:** WTO notification G/SPS/N/EU/360. (12/12/2019)
- **Chlorpyrifos-methyl:** WTO notification G/SPS/N/EU/360. (12/12/2019)

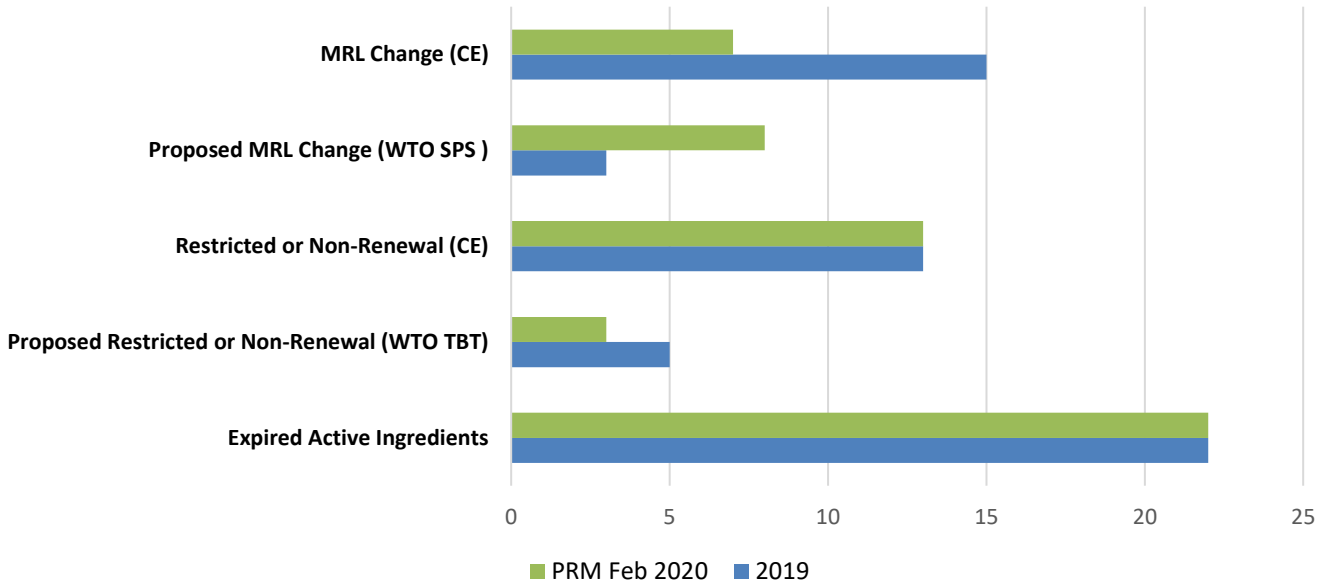
MRL CHANGES (*continued*)Implementing Regulation

- **Amitrole:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Flupyr sulfuron-methyl:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Isoproturon:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Triasulfuron:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Fipronil:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Imazosulfuron:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*
- **Orthosulfamuron:** Commission Regulation 2019/1792 on 17/10/2019. *Effective date: 18/05/2020*

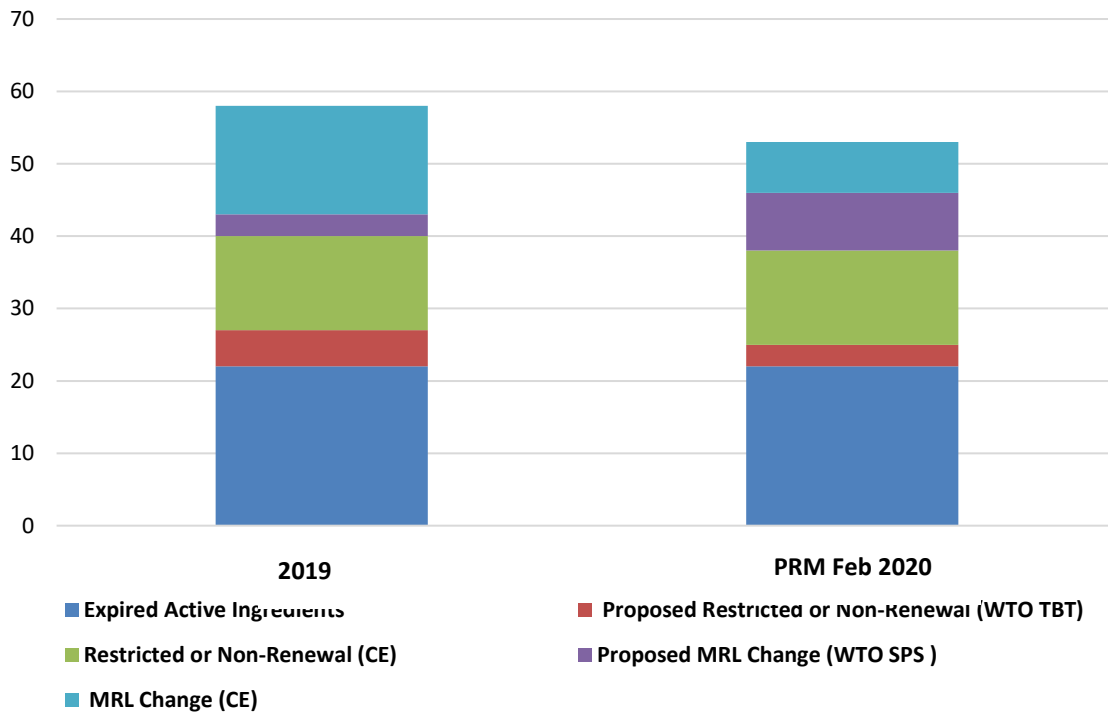
Table I. EU Pesticide Renewal Monitor in Numbers

Time scope / Review step	2019 (January-December)	PRM February 2020 (February 2019-February 2020)
Expired Active Ingredients	22	22
	Fuberidazole, Bacillus thuringiensis subsp. Tenebrionis strain NB 176 (TM 14 1), Fenpropimorph, Tralkoxydim, Trichoderma polysporum strain IMI 206039, Ammonium acetate, Limestone, Methomyl, Pepper, Putrescine, Sea-algae extract, Sodium aluminium silicate, Sodium hypochlorite, Triadimenol, Trimethylamine hydrochloride, Quinalofop-P, Teflubenzuron, Difenacoum, Chlorsulfuron, Cyromazine, Lufenuron, Propanil	Propanil, Fuberidazole, Fenpropimorph, Tralkoxydim, Trichoderma polysporum strain IMI 206039, Bacillus thuringiensis subsp. Tenebrionis strain NB 176 (TM 14 1), Sea-algae extract, Ammonium acetate, Limestone, Methomyl, Pepper, Putrescine, Sodium hypochlorite, Triadimenol, Trimethylamine hydrochloride, Sodium aluminium silicate, Quinalofop-P, Teflubenzuron, Difenacoum, Chlorsulfuron, Cyromazine, Lufenuron
Proposed Restricted or Non-Renewal of Approval (WTO TBT)	5	3
	Thiacloprid, Metalaxyl-M, Chlorpyrifos, Chlorpyrifos-methyl, Thiophanate-methyl	Thiophanate-methyl, Beta-cyfluthrin, Metalaxyl-M
Restricted or Non-Renewal of Approval (Commission Regulation)	13	13
	Ethoprophos, Chlorothalonil, Chlorpropham, Dimethoate, Desmedipham, Methiocarb, Chlorpyrifos, Chlorpyrifos-methyl, Thiacloprid, Methoxyfenozide, Cyflumetofen, Tolclofos-methyl, Alpha-Cypermethrin	Ethoprophos, Chlorothalonil, Chlorpropham, Dimethoate, Desmedipham, Methiocarb, Chlorpyrifos, Chlorpyrifos-methyl, Thiacloprid, Methoxyfenozide, Cyflumetofen, Tolclofos-methyl, Alpha-Cypermethrin
Active Ingredients with Proposed MRL Changes due to Non-Renewal (WTO SPS)	3	8
	Flufenoxuron, Chlorpyrifos, Chlorpyrifos-methyl	Azinphos-methyl, Flufenoxuron, Oxadiazon, Phosalone, Tall oil pitch, Tall oil crude, Chlorpyrifos, Chlorpyrifos-methyl
Active Ingredients with MRL Changes due to Non-Renewal (Commission Regulation)	15	7
	Iprodione, Linuron Buprofezin, Diflubenzuron, Picoxystrobin, Tepraloxymid, Ethoxysulfuron, Ioxynil, Amitrole, Flupyrsulfuron-methyl, Isoproturon, Triasulfuron, Fipronil, Imazosulfuron, Orthosulfamuron	Amitrole, Flupyrsulfuron-methyl, Isoproturon, Triasulfuron, Fipronil, Imazosulfuron, Orthosulfamuron
Total Number of Active Ingredients	58	53

Active Ingredients per Review Stage



Total Active Ingredients per EU Pesticide Renewal Monitor



EU PESTICIDE RENEWAL MONITOR Q&A

What is the EU Pesticide Renewal Monitor report?

- Provides an overview on the active ingredients that are scheduled for the periodic review or are currently undergoing the periodic review. The periodic review is a normal and regular procedure for all pesticides approved in the EU, according to Regulation 1107/2009 that regulates market access for pesticides in the EU.
- Active ingredients that have not been renewed, have a restricted renewal or are expired (no renewal dossier submitted) are also listed.

Why was this report created?

- CropLife International commissioned the Pesticide Renewal Monitor report to support governments, farmers and the agri-food value chain to better understand which active ingredients are currently undergoing the pesticide renewal process in the European Union.
- The EU pesticide renewal procedure can be complex, challenging to track and the status of products in the review process may be difficult to interpret.
- Information on review status of active ingredients is publicly available but spread over multiple websites and reports. Most information is not available in one place.
- The EU needs to notify WTO member states when an active ingredient registration is changed or not renewed (TBT notification). WTO notifications are only made late in the EU renewal process, consequently stakeholders are informed late in the process. A subsequent decision to lower or revoke MRLs (including ITs and Codex MRLs), which is done through a SPS notification, may be too late for stakeholders to adapt their supply and/or to engage in the discussion.
- The US Department of Agriculture (USDA) has commissioned a similar report for US relevant active ingredients which has been valuable for US stakeholders.

What is the difference between the USDA Early Alert list and the CropLife International EU Pesticide Monitor?

- The USDA Early Alert list covers active ingredients undergoing the EU renewal that are registered in the US.
- The CropLife International report covers all active ingredients undergoing the renewal in the EU. i.e. the CropLife International report covers more substances than the USDA report.

Why was the report developed?

- To inform interested stakeholders on the process and timing of active ingredient renewal in the EU, to create awareness for non-EU stakeholders
- In case of restrictive or non-renewal: alert stakeholders that/when MRLs may be lowered to the Limit of Quantification (LOQ).
- Provide timely information so stakeholders could engage in support of adequate transition periods or maintenance of MRLs that are important for trade with the EU.

Who is responsible for submitting a dossier for active ingredient renewal in the European Union?

- All stakeholders are invited to provide information relevant for the renewal of the active ingredients.

- Data requirements for active ingredient approval are in place (Regulation EU 283/2013).
- Normally, industry (individual companies, several companies jointly or task forces) generates the data and compiles and submits the dossier. A list of dossier submitters is available on the EFSA website: <http://registerofquestions.efsa.europa.eu/roqFrontend/ListOfQuestionsNoLogin> (then click on the “Pesticide Dossier” tab)

What is the relationship between active ingredient renewal and MRL / IT?

- When an active ingredient is not renewed in the EU or if the conditions of use were amended, MRLs may be deleted or lowered.
- Deletion of MRLs following the revocation of pesticide authorizations in the EU does not apply to MRLs based on Codex MRLs and Import Tolerances established to facilitate global trade, provided that they are deemed acceptable with regard to consumer safety.

Whom can I contact for questions on a specific active ingredient?

- Companies that submitted a dossier for EU renewal can be retrieved through the EFSA website: <http://registerofquestions.efsa.europa.eu/roqFrontend/ListOfQuestionsNoLogin> (then click on the “Pesticide Dossier” tab)
- Individual companies will have the relevant information on the active ingredient, products they sell to farmers and the range of crops that the product is approved for use.
- In case of issues in identifying the relevant authorization holder for a specific active ingredient, please feel free to contact CropLife International.

Is this a complete list of substances registered in the EU?

- No. Only active ingredients are listed that will undergo or currently undergo the renewal process. Also, substances that expired, were not renewed or had a restricted renewal are mentioned.
- For more information and for information on the registration status and expiry dates for active ingredient that are not listed in this document, we refer to the EU pesticide database: <https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN>

When will this report be updated?

- This report will be updated on a quarterly basis or at the discretion of CropLife International.