



Pesticide Monitoring

Vol. 1, July 2020

EU Updates on Pesticides

Chlorpyrifos & Chlorpyrifos-methyl: reduction of MRL¹

Consequent upon non-renewal of active substance chlorpyrifos² and chlorpyrifos-methyl³ the European Union (in Jan. 2020), the Maximum Residual Limit (MRL) for these two active substances has now been reduced to default level of 0.01 mg/kg.

- **Effective date:** New MRLs will apply from 13 November 2020.
- **Reason for non-approval:** Concerns about the neurological effects in children
- **Usage in India:** Used as an insecticide on grain, cotton, field, fruit, nut, rice and vegetable crops, and well as on lawns and ornamental plants.

Propiconazole: expiration of grace period for use⁴

In November 2018, Commission published the decision of non-approval of Propiconazole giving a grace period upto 19 March 2020 for withdrawal of plant protection products containing this substance.

The use of Propiconazole is now illegal in the EU. **The MRLs will soon be revised to the default level 0.01 mg/kg.**

- **Effective date:** Unlikely to get any transitional period.
- **Reason for non-approval:** Toxic effects on endocrine organs and endocrine disrupting potential
- **Usage in India:** Used in the cultivation of cereals, groundnut and tea.

Chlorate - Change in MRL⁵

EU has amended the MRLs for Chlorate. Although no longer used in pesticides, traces of chlorate in food most frequently occur due to the use of chlorinated water during food processing.

- **Effective date:** Effective from 20th June 2020.
- **Reason for change:** Causes health concerns for at-risk groups with existing thyroid problems. It can block iodine uptake.
- **Usage in India:** It is possible that forms of chlorate are included in pesticides in rice-producing countries or used for other technical purposes, for example, as desiccants.

New MRLs

- Fruits, fresh or frozen – Most are 0.05mg/kg except for Treenuts – 0.1mg/kg, edible/ inedible peel large / small – 0.3 mg/kg except for table olives - 0.7 mg/kg.
- Vegetables, fresh or frozen – MRL ranges from 0.05 mg/kg to 0.15 mg/kg for various vegetables
- Pulses – 0.35 mg/kg.
- Oil seeds – 0.05 mg/kg, oil fruits – 0.7 mg/kg.
- Cereals – 0.05 mg/kg.
- Tea, coffee, herbal infusion, cocoa and carobs and HOPS - 0.05 mg/kg.
- Spices – 0.07 mg/kg.
- Sugar Plants – 0.05 mg/kg.
- Products of animal origin terrestrial animals – Most MRLs are 0.05 mg/kg (except for animal fat and milk it is 0.1 mg/kg).

¹ Reg EU 2020/1085 dated 23 Jul 2020 https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv%3AOJ.L_2020.239.01.0007.01.ENG&toc=OJ%3AL%3A2020%3A239%3ATOC

² Reg EU 2020/18 dated 10 Jan 2020 <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1578929027090&uri=CELEX:32020R0018>

³ Reg (EU) 2020/17 dated 10 Jan 2020 <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1578929546116&uri=CELEX:32020R0017>

⁴ Reg (EU) 2018/1865 dated 28 Nov 2018 <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1543505797502&uri=CELEX:32018R1865>

⁵ Reg (EU) 2020/749 dated 4 Jun 2020 <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R0749>

EU Active Substance Renewal Monitor⁶

Active substances due to be phased out from EU	
Active Substance	Expiration of Approval w.e.f.
FEN 560	31-10-2020
Triflumuron	31-03-2021
Fenbuconazole	30-04-2021
Metosulam	
Bromadiolone	31-05-2021
Carbetamide	
Carboxin	
Diethofencarb	
Etridiazole	
Fenoxycarb	
Myclobutanil	
Oryzalin	

- Applications for renewal of approval of these substances were not submitted or have been withdrawn.
- **After disapproval MRL of these substances would be set at default level 0.01mg/kg.**

Active substances due for renewal	
Active Substance	Deadline for submitting renewal application
Bacillus firmus I01582	30-09-2020
Bixafen	
Candida oleophila strain O	
Halosulfuron methyl	
Maltodextrin	
Paecilomyces fumosoroseus strain Fe9901	
Potassium phosphonates	
Spiromesifen	
Thymol	30-11-2020
Eugenol	
Geraniol	
Aureobasidium pullulans (strains DSM 14940 & DSM 14941)	31-01-2021
Disodium phosphonate	
Fluopyram	
Penflufen	
Pseudomonas sp. DSMZ 13134	
Pyriofenone	
Sedaxane	

Open Public Consultation⁷ – EFSA

Public consultation on the active substance benthiavalicarb as regards the assessments following the clock stop on endocrine properties in the context of the pesticides peer review – evaluated by Poland as rapporteur Member State (RMS).

Deadline :
26-09-2020

EU Green Deal

EU has adopted its new Farm2Fork strategy for a fair, healthy and environmentally friendly food system. The policy aims to reduce pesticides use by 50%, by 2030.

⁶ <https://ec.europa.eu/food/plant/pesticides/eu-pesticides-database/public/?event=homepage&language=EN>

⁷ <https://www.efsa.europa.eu/en/calls/consultations>

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