

Insecticides and Biocides Approved for treating Stores and Stored Commodity – Harvested Crop 2026

There is a constant review of plant protection products and biocidal products and while we have tried our best to ensure the accuracy of this list, we do not accept any liability for its accuracy. You must check approval status, use conditions and application details by reading the product label. This list may not be exhaustive.

Active ingredient	Product examples	Treatment of						Comment
		Empty cereal/OSR stores and equipment	Stored cereals wheat, barley	Stored maize	Stored oats	Stored oilseeds	Stored pulses (peas/beans)	
Cypermethrin	Phobi Grain EC (19691), Talisma EC (16541)	Yes (Once per yr)	Yes (Once)	No	Yes (Once)	No	No	Alternative pyrethroid to K-Obiol No admix use with handheld applicators
Cypermethrin	Talisma UL (16542)	No	Yes (Once)	No	Yes (Once)	No	No	Alternative pyrethroid to K-Obiol No admix use with handheld applicators
Cypermethrin	FumiCyp Smoke Pot (HSE 9182) EXPIRED	No	No	No	No	No	No	For use in empty stores only Biocide approval HSE 9182 Withdrawn - Final Use 13/12/2025 – Stock needs disposal, DO NOT USE
Deltamethrin + piperonyl butoxide	Deserve (19504 / 21339) K-Obiol EC25 (13573 / 20254) Crop Protect 25EC (20530)	Yes (Once per yr)	Yes (Once)	Yes (Once)	Yes (Once)	No	Yes (Once)	Deserve MAPP 19504 Expiry Date 30/11/2026 K-Obiol EC25 MAPP 13573 Expiry Date 30/04/2026. Pyrethroid store insecticide. K-Obiol is accepted for use by NABIM and Brewing Research International
Deltamethrin + piperonyl butoxide	K-Obiol ULV6 (13572 / 20174) Bank (20808)	No	Yes (Once)	Yes (Once)	Yes (Once)	No	Yes (Once)	Pyrethroid store insecticide. Accepted for use by UK Flour Millers and Brewing Research K-Obiol ULV6 MAPP 13572 expires 30/04/2026
Pirimiphos-methyl*	Actellic 50EC (19325)	Yes (Once per yr)	Yes (Once)	No	Yes (Once)	No	No	No admix use with handheld applicators / Application as a structural treatment must only be made using remotely controlled equipment
Pirimiphos-methyl*	Actellic Smoke Generator No 20 (15739 / 21597), PHOBI SMOKE PRO90 (17117)	Yes	No	No	No	No	No	Use to knock pests out of roofs and crevices after applying K-Obiol EC25, or Talisma EC to grain store walls and floor
<i>Chrysanthemum cinerariaefolium</i> extract** + piperonyl butoxide**	AquaPy (HSE 5799)	Yes	No	No	No	No	No	Not for direct use on grain. Accepted Brewing Research International. Biocide approval HSE 5799
<i>Chrysanthemum cinerariaefolium</i> extract** + piperonyl butoxide**	AquaPy Micro (HSE 6296)	Yes	No	No	No	No	No	Not for direct use on grain. Accepted Brewing Research International. Biocide approval HSE 6296
Diatomaceous earth	Diamite / Kieselgur / Silicosec	Yes	Yes (Not for milling)	Yes	Yes	Yes	Yes	Not acceptable to all consumers, please check before use. No authorisation required due to not being a biocide or PPP. Use must be declared on the Grain Passport.
Aluminium phosphide†	Detia Gas-Ex-T (17034 / 20942)	Yes (Once per yr)	Yes (Once)	Yes (Once)	Yes (Once)	Yes (Once)	Yes (Once)	Contractor applied. Withholding Period for Edible Commodities 7 Days
Aluminium phosphide†	PHOSTOXIN BAG (19333 / 20948)	Yes	Yes	Yes	Yes	Yes	Yes	Contractor applied. Withholding Period for Edible Commodities 7 Days Maximum 3 treatments per batch
Aluminium phosphide†	PHOSTOXIN PELLETT (19331 / 20950)	Yes	Yes	Yes	Yes	Yes	Yes	Contractor applied. Withholding Period for Edible Commodities 7 Days Maximum 3 treatments per batch
Aluminium phosphide†	PHOSTOXIN TABLET (19330 / 20951)	Yes	Yes	Yes	Yes	Yes	Yes	Contractor applied. Withholding Period for Edible Commodities 7 Days Maximum 3 treatments per batch
Magnesium phosphide††	Degesch Plate (19332 / 20940) Magtoxin Tablet (19344 / 20914)	Yes	Yes	Yes	Yes	Yes	Yes	Contractor applied. Withholding Period for Edible Commodities 7 Days Maximum 3 treatments per batch

†† This product must be used only by operators trained in the use of magnesium phosphide and familiar with the precautionary measures to be observed.

* This product contains an anticholinesterase organophosphorus compound and must not be used by those under medical advice not to work with such compounds.

† This product must be used only by operators trained in the use of aluminium phosphide and familiar with the precautionary measures to be observed.

** Active substance now approved for PT18 of the Biocidal Products Regulation.

Fungal disinfectant

The fungal disinfectant below claims a specific use versus the range of BPR biocidal disinfectants often used for general cleaning of stores and storage equipment e.g. [Jett 5](#) (peroxyacetic acid) from Certis Belchim

Fumite OPP

A fungicidal, bacterial and virucidal smoke containing Ortho-Phenyl-Phenol for store disinfection pre-harvest as an aid to management of mycotoxins.

Note Ortho-Phenyl-Phenol doesn't seem to be covered by COPR or BPR

<https://ukmalt.com/> - Use for latest BBPA Technical Circulars for Agrochemicals accepted by the BBPA for use on cereals for malting and brewing