

Grainex® 500EC

For use in grain, grain stores and for fly control.



Active Ingredient: 500g/litre pirimiphos-methyl as an emulsifiable concentrate.

Chemical Group: Organophosphate.

Formulation: Emulsifiable Concentrate

Pack Size: 5 litre

Grainex® 500EC provides dependable grain protection:

- ✓ 3-way activity (contact, ingestion, vapour).
- ✓ Good persistence on all inert surfaces for 3-6 months.
- ✓ Low mammalian toxicity.
- ✓ Internationally established MRLs for stored grain.
- ✓ No withholding periods on stored grain.

About Grainex® 500EC

Grainex® 500EC offers reliable stored grain protection and grain storage disinfestation. Grainex has powerful 3-way activity against grain pests, with a high level of persistence for residual control.

Grainex® 500EC is a fast acting broad-spectrum organophosphate insecticide of low mammalian toxicity. It kills insects by contact, ingestion and fumigant action. Grainex 500EC controls a range of pests in grain, grain stores, livestock houses and yards. Insect pests controlled include: Flies, Wasps, Beetles, Weevils and Moths. Grainex 500EC provides rapid knockdown of insect pests and will persist on walls, floors and other inert surfaces to give residual control.

Directions for use:

Symptoms of Poisoning: These may include excessive sweating, headache, weakness, faintness, giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

First Aid: If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs) or a doctor immediately for advice.

IT IS AN OFFENCE to use this product on animals. IT IS AN OFFENCE for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Directions for use cont... Grain/Storage Pests:

SITUATION	PEST	RATE	CRITICAL COMMENTS
Disinfestation of empty grain stores, silos, grain handling equipment and the treatment of bagged small grains.	Saw-toothed Grain Beetle, Granary Weevil, Maize Weevil, Rice Weevil, Red Flour Beetle, Confused Flour Beetle, Angoumois Grain Moth, Keuhniella, Mediterranean Flour Moth, Fruit Moth, Cereal Mite, Flour mite, Flat Grain Beetle, Indian Meal Moth, Lesser Meal Worm Hide Beetle, Psocids Brown House Moth, Bean Weevil, White Shouldered House Moth, Australian Spider Beetle, Cadelle, Dried Fruit Moth.	200 ml in 10 litres of water	Note: Lesser Grain Borer (<i>Rhizopertha dominica</i>) may require higher rates or an alternative material.
Unpainted concrete Surfaces.		200 ml in 10 litres of water	Spray to point of run-off.
Other surfaces.		100 ml in 10 litres of water	Spray to point of run-off.
Bagged grain.		50-100 ml in 5 litres of water per 100 square metres	Use the higher rate for existing infestations.
Admixture to stored Grain.		8 ml per tonne of grain	Recommended where long-term protection is required. Apply dilute with sufficient water to obtain uniform distribution. It is not essential to cover every grain as the fumigant action of Grainex 500EC will help with overall insect control.

Flies / Wasps:

SITUATION	PEST	RATE	CRITICAL COMMENTS
Indoor residual spray Slaughter houses, dairy factories, poultry houses, piggeries.	Flies	100 ml in 10 litres of water	For surfaces other than unpainted concrete. Remove all animals from areas to be treated and DO NOT use in areas where dairy or meat products or packaging materials are processed, packed or stored. Apply using a coarse spray, apply to wet all surfaces. Particular attention should be paid to areas where flies congregate. Repeat monthly or when flies reappear.
Outdoor Stockyards, around animal houses, refuse tips, bins and compost heaps.	Flies	500 ml in 10 litres of water per 100 square metres	Use after removing all animals from areas to be treated.
Outdoor nests	Wasps	100 ml in 10 litres of water	Thoroughly spray nests and surrounding area. Treat in the evening or early morning when wasps are not active. Plug entrance after treatment.

Directions for use cont...

General Information: Grainex 500EC is a fast acting broad-spectrum organophosphate insecticide of low mammalian toxicity. It kills insects by contact, ingestion and fumigant action. Grainex 500EC controls a range of pests in grain, grain stores, livestock houses and yards. Insect pests controlled include: Flies, Wasps, Beetles, Weevils and Moths. Grainex 500EC provides rapid knockdown of insect pests and will persist on walls, floors and other inert surfaces to give residual control.

Preparation: All surfaces to be treated should be free of dust, dirt or food residues as these impair insecticide adhesion and encourage reinfestation. All exposed food and open food containers should be removed before treatment, or covered to avoid unnecessary contamination. Food contact surfaces should be thoroughly cleaned after application.

Application: Grainex 500EC may be applied through all conventional spraying equipment including knapsack and motorised sprayers. When applying as a spray, sufficient water should be used to wet all surfaces yet avoid run-off. All surfaces should be sprayed including floors, walls and ceilings, with particular attention to areas where insects breed and hide, such as cracks and crevices and warm areas around equipment. Note: In practice the actual amount of spray which can be applied to a surface without run-off varies. Normally 5 litres per 100 square metres will be sufficient, but on porous surfaces such as concrete, bricks and unpainted wood, up to 15 litres per 100 square metres may be required. In the interests of efficiency and economy it is necessary to consider the type of surface to be sprayed. Regular treatment may be necessary where washing or rain removes insecticide residues and on alkaline surfaces such as plaster or unpainted concrete.

Registered to and distributed by: Adria New Zealand Limited. P.O. Box 535 Kumeu, Auckland 0841, NEW ZEALAND.

Ph: +64-9-412-9817 www.adria.nz.

Grainex® 500EC is registered pursuant to the ACVM Act 1997, Approval No. P8811. Approved under the HSNO Act 1996, HSR000196.