

# ACTELIC<sup>®</sup> 25 EC



*A broad spectrum insecticide for control of insect pests in crops and stored products.*

ACTIVE INGREDIENT	Contains 250 gms of Pirimiphos-Methyl per litre.
FORMULATION	Emulsifiable concentrate
REGISTRATION NO:	PCPB (CR) 0015
MODE OF ACTION	Actellic 25EC contains pirimiphos-methyl, an organo-phosphorous compound, which kills insects by contact, ingestion and fumigant action. Once in the insect, pirimiphos-methyl is an acetylcholinesterase inhibitor, causing malfunction of the nervous system.
SPECTRUM OF CONTROL	<p>Actellic 25EC is active on a broad range of pests, including chewing and sucking insects and mites. It has short persistence on green plant tissue and long persistence on inert surfaces. This makes it a valuable insecticide for many agricultural uses as well as for control of stored product insects.</p> <p>Actellic 25EC is effective on many agricultural pests, including whitefly on glasshouse crops, cotton and vegetables, diamond back moth (<i>Plutella</i> spp) on cabbages, scales and mealy bugs, thrips and many aphids and mites. Its short persistence on plants and in the environment added to its fumigant effect and low toxicity make it especially suitable for pre-harvest treatment, cereal application and for use in forestry.</p> <p>Actellic 25EC is an excellent insecticide for protecting stored products. It is active against a wide range of pests, including most of the important malathion - resistant strains. It quickly controls existing infestations, and gives long-term protection against re-infestation. Actellic 25EC persists for several months on grain and inert surfaces and it can be applied direct to grain, to walls, floors and ceilings of stores, and to sacks.</p>

CROP	PESTS	RATES (lt / ha)
French beans	Aphids, Thrips, White flies, mites	2
Peas	Aphids, Thrips, Weevils	2
Brassicas	Cabbage root fly, Flea beetle, Whitefly, Aphids, Caterpillars	2
Tomatoes, Peppers, Egg plants, Chillies	Aphids, Whitefly, Mites, Cut worms, Leaf worms	2
Lettuce	Aphids, Whitefly	2
Carrots, Parsley	Aphids, Carrot fly	2
Onions, Leeks	Onion Fly, Thrips	2
Cucumbers, Melons, Courgettes	Thrips, Aphids, Mites, Whitefly, Cucumber beetle, Fruit fly	2
Spinach	Leaf miner, Aphids, Whitefly	2
Okra	Aphids, White fly, Mites, Flea beetles, Spiny bollworm	2
Vegetables and Flower Crops, under glass or plastic	Whitefly, Aphids, Mites, Thrips, Caterpillars	3
Citrus	Rust mite, Whitefly, Thrips, Mites, Fruit fly, Mealy bugs, Citrus green scale, Aphids, Orange dog	3
Vines	Mites, Mealy bug, Berry moth	3
Coffee	Berry borer, Leaf miner, Fried Egg Scale	3
Strawberry	Sawfly, Beetle, Aphids	3
Tobacco	Thrips, Aphids, Whitefly	2

**Note:** For small scale farming use 400 lt of water while large scale use 1000 litres of water per ha.

STORED PRODUCTS	<ol style="list-style-type: none"><li><b>Stored products.</b><ol style="list-style-type: none"><li><b>Applied in stores as pre-treatment</b><ul style="list-style-type: none"><li>Applied on walls, floors and equipment in stores.</li><li>Best applied in an empty store.</li><li>Use 200ml of actellic 25EC per 100m<sup>2</sup> in 10 litres of water.</li></ul></li><li><b>To treat bagged grains,</b> Dilute 100ml of actellic 25EC with 5litre of water and apply by knapsack sprayer to 100m<sup>2</sup></li><li><b>For admixture treatment,</b> Apply actellic 25EC at 10-40ml in 1-2 Lt. water/1,000kg grain. Spray using a suitable nozzle as the grain is fed into the bins.</li></ol></li><li><b>Hides and Skins</b><p>Dip hide and skin in 2% solution (i.e. 2 litres actelic 25EC in 100litres of water).</p></li></ol>
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COMPATIBILITY	Actellic 25EC is compatible with a wide range of other Twiga products. It may be tank mixed with Duduthrin, Milthane Super and Galben M8-65 . It may be mixed with white petroleum oil for mealybug and scale insect control.
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## MAIN ADVANTAGES

1. Has wide spectrum of activity against insect pests in stored grain, horticultural crops, hides and skins, coffee and fruits.
2. Has fumigant action besides being a stomach and contact poison.
3. Acts effectively without prolonged residues on crops close to harvest.
4. Has low mammalian toxicity and is environmentally friendly.
5. Actellic does not taint nor stain sprayed surfaces - Therefore suitable for clean up sprays in ornamentals / flower industry.

## PRE-HARVEST INTERVAL

4 days

\* No withholding interval is necessary after treating stored products.

## AVAILABLE PACKS

100 ml, 1lt, 20lt

## HANDLING PRECAUTIONS

Wear eye protection (at least glasses) and rubber gloves when handling the concentrate.

## ENVIRONMENTAL HAZARD

Toxic to fish. Do not contaminate rivers, dams and ponds. Toxic to bees. Do not spray when bees are actively foraging.

## FIRST AID INSTRUCTIONS

Actellic 25 must not be used by individuals who have been told by a doctor not to work with any organophosphorus compounds. Do not smoke, drink or eat while using Actellic 25. Wear face mask when spraying indoors and work towards exit. Evacuate premises to be treated and thoroughly ventilate before re-entry. To avoid harming bees, warn bee-keepers to close hives during spraying. Wash thoroughly, change and wash work clothes.

Wash out for 10 - 15 minutes in case of eye splashes. If Actellic 25 is swallowed do not make the person vomit. Take the person and the container to a doctor at once.



LEADERS IN CROP PROTECTION

Actellic 25® EC is a trade mark of Syngenta AG, Switzerland.