

# PIRIMIPHOS-METHYL 50% EC

## INSECTICIDE



ORGANOPHOSPHATE  
INSECTICIDE



CONTACT, STOMACH,  
FUMIGANT



RAPID KNOCKDOWN



STORED GRAIN & FIELD

### TARGET PESTS



Whitefly



Aphid



Aphid



Grain Weevil

### CROPS

- Stored grains
- Wheat
- Maize
- Rice
- Vegetables
- Cotton
- Ornamentals

### PRODUCT DESCRIPTION

Broad-spectrum organophosphate insecticide with contact, stomach, and fumigant action. Provides rapid knockdown and extended residual control of stored grain pests and field insects with minimal mammalian toxicity.

### MODE OF ACTION

Pirimiphos-methyl inhibits acetylcholinesterase enzyme at nerve synapses, causing accumulation of acetylcholine. This results in continuous nerve stimulation, leading to tremors, paralysis, and death of target pests. Shows good vapor action in enclosed spaces.

### TARGET PESTS

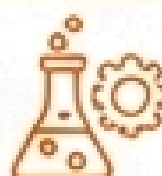
- Grain weevils (*Sitophilus* spp.)
- Aphids (*Aphis* spp., *Myzus persicae*)
- Whiteflies (*Bemisia tabaci*)
- Thrips (*Frankliniella* spp.)
- Bollworms (*Helicoverpa* spp.)

### COMPREHENSIVE DOSAGE TABLE

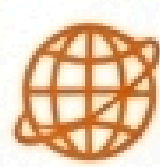
Crops	Target Pest	Dosage /ha	Formulation (ml)
Stored Grains	Grain weevils, Beetles	-	4-8 ml/ton grain
Vegetables	Aphids, Whiteflies	500-750	500-750
Cotton	Bollworms, Aphids	750-1000	750-1000
Ornamentals	Aphids, Thrips	400-600	400-600



STRONG  
MANUFACTURING



INNOVATIVE  
R&D



GLOBAL  
REGULATORY  
SUPPORT



DECADES OF  
EXPERIENCE