

# AZACEL-10000™

Azadirachtin 1.0% EC [10000 PPM]



Azacel 10000™ is a versatile broad spectrum botanical insecticide. Its active ingredient "Azadirachtin" is extracted from the Neem tree "*Azadirachta indica* Juss" seeds and it is formulated as emulsifiable concentrate.

Azacel 10000™ is used for the control of various insect pests like Mites, Jassids, Aphids, White fly, Bollworms, Spodoptera, green leaf hopper, brown leaf hopper, Tea mosquito, Colorado potato beetle, rice root weevil, etc.,

#### Mode of Action

Varied modes of action are noticed

**Anti-feedant** - Insects stop feeding on the surface treated with azadirachtin.

**Repellent** - The odor repels the insects.

**Growth regulatory** - Azadirachtin ingested, young insects do not reach adulthood but become malformed miniature adults. It prolongs the larval stage. Evidences suggest that azadirachtin interferes with the morphogenetic and neuro-endocrine system.

**Ovipositor Effect** - Azadirachtin treated area prevents insects from laying eggs and reduces egg laying activities drastically.

**Effect on fertility and reproduction** - Azadirachtin is known to be an ecdysis inhibitor and also found to affect vitellogenesis, which leads to oocyte maturity. Marked reduction in fecundity is observed.

#### CROPS

<b>Fruit crops</b>	:	GRAPES, GUAVA, SAPOTA, CITRUS, MANGO, POMEGRANATE, CUSTARD APPLE, BANANA, APPLE, COCONUT ETC.
<b>Field crops</b>	:	COTTON, PADDY, SORGHUM, SUNFLOWER, POTATO, MUSTARD, GROUNDNUT, CUMIN ETC.
<b>Vegetables crops</b>	:	TOMATO, CHILLY, BRINJAL, ONION, LADY'S FINGER ETC.
<b>Plantation crops</b>	:	CARDAMOM, TEA, COFFEE, FLORICULTURE, HOME GARDENING, MEDICINAL PLANTS ETC.



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#### Method of Application

Mix the required amount of Azacel 10000™ with water and stir well to form a uniform suspension. Spray immediately after preparation. Spraying should be done during late afternoon or early morning. Thorough coverage of both sides of leaf surfaces is a must to get excellent results.

#### Compatibility

Azacel 10000™ is compatible with common insecticides, fungicides, bio-pesticides and foliar nutrients.

#### Dosage

300ml to 350ml in 200-250liters of water per acre spray [effective dose 15-20ppm]

#### Storage

Keep in dry and cool place. Do not expose to direct sunlight or heat

#### Packing

Azacel 10000™ is available in 250 ml, 500 ml, 1 liter and 5 liter pack size

#### Shelf life

One year from the date of manufacture



IMO CONTROL PRIVATE LIMITED

Product Approved for use in  
Organic Agriculture by IMO Control



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