

BIO RAKSHAK

[A Dynamic Bio-Formulation For Lepidopteran Pests]

Loopers and Caterpillars are the most damaging and destructive pests and in recent years its activities have alarmingly increased. Being voracious feeder of young leaves the damage to the plant is very fast. It has become endemic to many gardens where they thrive throughout the year.

Chemical pesticides have failed to control the pest mainly due to two reasons. In earlier application these pesticides eliminate the natural predators and parasites that feed on the eggs of caterpillars and

loopers. Later applications have developed resistant strains which has caused menace to the situation. Bio Rakshak has been formulated with a concept of eliminating the pest where chemical control has proved to be disaster.

Bio Rakshak can kill the pest by direct contact, it works as an strong anti feedant and inhibit the secretion Ecdysone Hormone which is responsible for moulting. Thus the life cycle of the pest i.e. egg to larva to pupa to Adults is disturbed.

Active Ingredient : Bio Rakshak is based on botanical extract of Custard Apple.



“Toxicity & antifeedant activity of crude seed extracts of **Annona Squamosa (Custard Apple)** against **Lepidopteran Pests** upto fourth instar was significant.”

Ref : International Journal of
Topical Insect science 2004
CAMBRIDGE UNIVERSITY PRESS.



Target Pests :



Loopers



Catterpillars



Red Slugs



Grubs



Heliiothis



Diamondback Moth

Advantages : 1. Direct knock down effect, anti feeding and anti moulting activities control the pest amicably. 2. Do not leave any residue or taint in end-product. 3. Being secondary metabolites of plant origin, its efficacy is not affected by high temperature. 4. Pest can not develop resistance against it due to multistatic action. 5. Do not kill natural predators or parasites. 6. Compatible with most conventional chemicals. 7. Do not mix with any foliar (nutrients/micronutrients) & copper. 8. Ecofriendly, economic and dynamic in action.

(Use protective eye-glass to avoid irritation)

Dosage : 0.8 ml / l (320 ml / Ha)

**SHAKTI
BIOTECH**
In Harmony with Nature

Junaid Manzil, 2nd Floor, Flat 2A - 2B, 7B, Ahiripukur Road, Kolkata - 700 019
Ph : +91 33 2287 2244, E : support@shaktibiotech.in; ali@shaktibiotech.in
W : www.shaktibiotech.in

Warranty : The information supplied in this leaflet is true to our knowledge and based on our experience. However, no liability is accepted for any insufficiency or omission neither any responsibility is assumed for any procedural deviation in the actual working place.