

LARVOCEL™

Beauveria bassiana



LARVOCEL™ is a broad spectrum biological insecticide made of *Beauveria bassiana*, a naturally occurring entomopathogenic fungus. *Beauveria bassiana* is a fungus, which causes a disease known as the white muscadine in insects.

LarvoCEL™ is used for the control of various insect pests like **Bollworms - Heliothis** and **Spodoptera**, **fruit borers**, **root grubs**, **internodes borers**, **berry borers**, **shoot borers**, **beetles** and **tea mosquito bugs**.

Mode of Action

Once the spores of *Beauveria bassiana* come in contact with the cuticle (skin) of susceptible insects, they germinate and grow into their bodies. The fungi multiply rapidly inside the insect and spread throughout the insect body causing death due to tissue destruction and by secretion of toxins inside the body of the insect. The fungi emerge out of the infected insect for sporulation and these spores are disseminated in the air which provide as an inoculum for infection of other insects. Infected insects stop feeding thereby reducing further crop damage. As a result of these effects, LarvoCEL™ spray limits pest incidence in any crop below the economic threshold level once the organism gets established in the ecosystem. Regular spraying of LarvoCEL™ ensures a protective coating of these beneficial fungi on the surface of leaves and stems and the invasion of the pests is effectively arrested.

CROPS

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



EXCEL INDUSTRIES LTD.

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Method of Application

Mix the required amount of LarvoCEL™ 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. For speedy kill, higher dosage may be applied. Use natural wetting agent for better results.

Compatibility

LarvoCEL™ is compatible with most bio-pesticides and conventional insecticides. It should not be mixed with any chemical fungicides. Avoid chemical fungicide spray 3-5 days before or after the use of LarvoCEL™.

Dosage

5-10gm per liter or 1-1.5kg in 200-300 liters of water per acre spray.

Storage

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

Packing

LarvoCEL™ is available in 1kg and 250 gms E-Fluted Carton pack and 1ltr and 250ml Bottle pack to ensure better product quality and shelf life.

Shelf life

One year from the date of manufacture.



IMD CONTROL PRIVATE LIMITED

Manufactured by



RomVijay Bioo Tech Pvt. Ltd
Kanniakoil, Cuddalore Main
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Indian Society For Certification
of organic products [ISCOP]

Marketed by



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