



BIO CATCH®

Biological Insecticide

Wettable Powder



Guarantee: ***Lecanicillium lecanii* 1.15%** (1×10^8 CFU's/gm)
 Classification: **Microbial bio-pesticide**
 Formulation: **Wettable powder**

General Description

Bio-Catch is a talc-based product containing spores and mycelial fragments of a naturally occurring entomopathogenic fungus *Lecanicillium lecanii*.

It is used in the control of several insect pests including Whiteflies, Thrips, Mealy bugs, aphids, and other sucking pests.

Mode of Action

* When the spores of this fungus come into contact with the skin of target insects, they germinate and grow directly through the cuticle to the inner body of their host. The fungus proliferates throughout the insect's body, draining the insect of nutrients, and eventually kills it in a week's time.

* The spores of *Lecanicillium lecanii* infect the insect with contact and do not need to be consumed by their host to cause infection.

Features and Benefits

- Ecofriendly and maintains the ecological balance.
- It does not create resurgence, resistance, and residues problem.
- Natural enemies are not affected and it offers a long lasting pest control.
- Bio-Catch is certified for use in organic agriculture.
- It is ideal for incorporation in IPM programmes.

Recommended Application Rates

CROP	PESTS	RATE	REPEAT APPLICATION
Vegetables (E.g. French beans, tomatoes etc.)	Whiteflies, Thrips, Aphids	5.0kg/ha (100gm/20L water)	Repeat applications at least once every 15-20 days. For high insect pressure continue weekly applications. In greenhouses repeat every 10-15 days.
Roses		5-6kg/ha	

Compatibility:

Fungicides may affect spores and mycelial fragments in Bio-Catch. Therefore, it must be used with great care. It is recommended to wait for a minimum of 48 hrs between a Bio-Catch application and a fungicide treatment. Do not tank mix Bio-Catch with fungicides.

Phytotoxicity:

Non-phytotoxic on most crops. However, always undertake tests on small areas before large-scale application.



Aphids



Mealy bugs



Thrips



Whiteflies

OSHO CHEMICAL INDUSTRIES LTD. (Kenya)

P.O. Box 49916 GPO 00100 Nairobi, Kenya
 Landline:- (+254) 020 3912000 , 3756222
 Mobile:- (+254) 0726 880480, 0733 524968, 0711 045000
 Fax: (+254) 0711 045600, (+254) 020 3912600, 6531429
 Email : oshochem@oshochem.com Web: www.oshochem.com

OSHO CHEMICAL INDUSTRIES LTD. (Tanzania)

P.O. Box 16189 Industrial Road, Unga Ltd. Arusha Tanzania.
 Tel / Fax : (+255) 0732-975476
 Mobile : (+255) 0715-466746, 0757-466746, 0786-466746
 E-mail : tz@oshochem.com

OSHO CHEMICALS ZAMBIA LTD. (Zambia)

P. O. Box 240346,
 Ndola, Zambia
 Tel. : (+260) 212622450
 Plot No. 9704,
 Liberia Road, Industrial Area