

# Biomysis Mean 1.15% WP



Beyond Business

(*Metarhizium anisopliae* (Metchnikoff) Sorokin strain 1.15% WP)(1\*108 cfu/ml)

PCPB No.: 2207

**WHO CLASS:** Not Applicable for Bio Pesticides.

Biological insecticide for control of Thrips and Caterpillars on French beans; Thrips, Caterpillars and Mealybugs on Roses and Thrips in chives.

## **Mode of Action**

When the spore of *Metarhizium anisopliae* contained in **BIOMYSIS Mean 1.15% WP** infects insects that come in contact with it. Once the fungus spores attach to the outer surface of the insect, they germinate and begin to grow. After penetrating the outside skeleton of the insect, they grow rapidly inside the insect, causing the insect to die. Insects that come in contact with infected insects also become infected.

## **Target Pests**

Thrips, Aphids, Whiteflies, Caterpillar, Mealy bugs,.

## **Rate of Applications**

Crops	Pests	Application Rate, spray volume	Timing & frequency of application
Roses	Thrips, Caterpillars and Mealy bugs	2.5kg/Ha/1000 litres of water (50g/20 litres of water)	A maximum of 3 applications per growing season are recommended. Unless necessary repeat application to be done after a 10 day interval.
French Beans	Thrips and Caterpillars	2.5kg/Ha/800 litres of water (62.5g/20 litres of water)	A maximum of 3 applications per growing season are recommended. Unless necessary repeat application to be done after a 10 day interval.
Chives	Thrips	1.9kg/Ha/1000 litres of water (38g/20 litres of water)	Onset of the pest, 7 times at interval of 7 days

## **Benefits of Biomysis 1.5 WP**

- > It effectively controls the economically important crop pests in agriculture.
- > It is pet friendly, infant friendly, eco-friendly and helps to maintain the ecological balance.
- > It helps in Pest reduction that leads to improved plant health and thereby increase in crop productivity.
- > It does not cause harm to the beneficial parasites and useful predators, thus provides long lasting control.
- > It is excellent potential for management of thrips in various crop ecosystems.
- > Can also be applied on harvest.

## **Direction of use**

Measure out a required quantity of the product and mix it well with a small quantity of water. Add the remaining quantity of water as specified with thorough agitation.

## **Timing of application**

Apply treatments when weather conditions favour pests outbreak and continue until the threat of pests has passed. Repeated applications at suitable intervals are necessary to protect new plant growth and as conditions favour disease development, reduce the spray intervals.

## **Precautions**

1. **Compatibility:** Do not mix **Biomysis Mean 1.15 WP** with other chemicals / pesticides.
2. Though the product is non - phytotoxic to most crops varieties when used at recommended rates, it is always advisable to do a small phytotoxic trials before wide spread application.
3. **Environment:** Avoid spraying when bees are actively foraging. Do not contaminate water sources or water ways.
4. Follow proper insecticide rotation with different group of pesticide resistance management.

## **Condition of sale / Owners Liability**

The use of **Biomysis Mean 1.15 WP** as an agricultural insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by the company, regarding it's suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and the manufacturer or the distributor of **Biomysis Mean 1.15 WP** accepts no responsibility for any consequence whatsoever resulting from the use of this product.