

# MYCO PESTOP

## BIOPESTICIDE

### Introduction

Mycro Pestop is a microbial biocontrol solutions against insects and disease pests, The solutions consist of notably bacteria and fungi, conjunct with toosendanin (TSN) extracted from plants, that target damaging pests and keep crops healthy. It is a safe and effective, foliar applied insecticide, miticide and fungicide. The mode of action is as a contact killer. As an insecticide, it works best on soft bodied insects or on the juveniles.



### Composition

ACTIVE INGREDIENT: Beauveria bassiana, Bacillus thuringiensis, TSN, Other ingredients

Bacteria count  $2 \times 10^8$  CFU/g , powder type, 1 kg per foil bag

### Common Crops

- Corn
- Tobacco
- Potatoes
- Blueberry
- Strawberries
- Leafy beans
- Cucumbers
- Cotton
- Fruiting vegetables

### Target insect

- Thrips
- Aphids
- Mites
- Weevils
- Whiteflies

## Mode of Action

When The spores of microbe attach to the surface of the insect, germinate and penetrate the exoskeleton and grow inside the pest. so that they produce the toxin on their own to deter various insect pests. Death of target pest may take 3~7 days.

Once the toosendanin is incorporated into the growing medium, insects that come into contact with the products will become infected, it can block nerve central conduction, destroy respiratory metabolism, affecting digestion and absorption, causing the insect to die.

## Benefit:

- Unique contact infection mode of action
- Protect traditional chemistry from insect resistance development
- No known resistance, valuable tool for insecticide resistance management
- Competitive efficacy with chemical insecticides
- Zero residues, can be used in organic production
- Easy-to-use liquid formula
- No post-harvest interval

## Dosage & Method

Apply 600 ml / acre, 1: 600 dilution , foliar spray or drenched into the soil.

Repeat applications at 5-10 day intervals to achieve the best control.

Shake vigorously for 30-45 seconds before use, Best efficacy to spray at afternoon.

Apply in the early stages of population development, based on growers' economic thresholds

For whitefly and mite control, ensure coverage of the underside of the leaf.

If higher insect populations may require the use of chemical insecticides for knockdown and shorter application intervals of product to 2-5 days to achieve acceptable control

## Caution

If adding adjuvants, precautionary phyto testing prior to large scale spraying is recommended

## Packing and shelf life

2 year shelf life, 500 ml per bottle,

## Storage

Store in its original container at or below 68°F (20°C) in a dry, locked place, out of the reach of children and out of direct sunlight. Do not use or store near heat or open flame.

Use product within two year and by the expiry date noted on the label.

**Once opened, use entire contents of bottle.**