

Mycotrol®

MYCOINSECTICIDE

Mycotrol® is a microbial biopesticide containing a naturally occurring fungus that infects and kills a wide variety of pests, such as aphids, mites, thrips, and

whiteflies. This product is ideal for use in greenhouses, fields, and nurseries that produce ornamentals, vegetables, fruits, berries, herbs and spices.



PRODUCT HIGHLIGHTS

Naturally occurring *Beauveria bassiana* GHA strain that can be used in both conventional and organic production

The highest concentration of spores in a *Beauveria*-containing insecticide

Infects and kills adult and immature stages of insect and mite pests across many labeled crops

Spores germinate within 24 hours of contact with the target pest. The fungus then penetrates the exoskeleton and multiplies within the host, killing it within 4-7 days

Ideal in an IPM program as a stand-alone, in rotation, or as a tank mix partner

Controls resistant pests such as Q-Biotype Whitefly



Always carefully read and follow label instructions.



1.800.250.5024

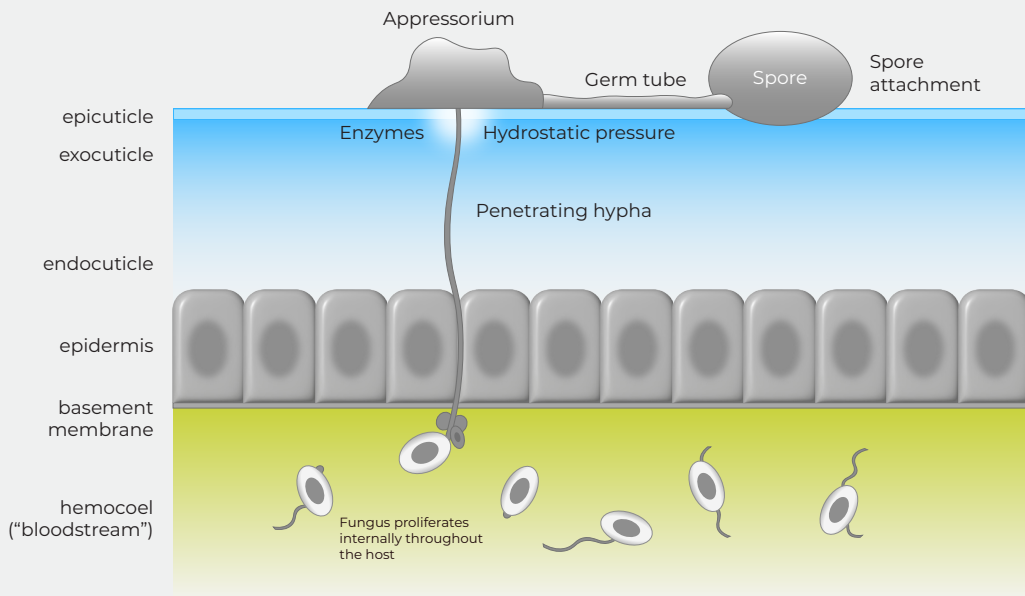
www.CertisBio.com

HOW IT WORKS

Mycoinsecticide Mode of Action: Fungal Infection

Penetration of insect cuticle and proliferation of entomopathogenic fungus in the host body cavity.

Adapted from Figure 6.9 in Vega, F.E. and H.K. Kaya (2012). *Insect Pathology*, 2nd ed.



Diagrammatic (not to scale)

HOW TO APPLY

- Application rate is dependent on insect population and foliage density; see label for details.
- There is no limit on the number of times you can apply Mycotrol in a season; a weekly application program can prevent population outbreaks.
- To apply, shake the container before measuring the product and apply preventively or at first appearance of pest, then in 7-day intervals to maintain pest-free crops and prevent outbreaks.
- Ensure uniform and complete spray coverage for best results
- Under heavy pest infestation, 3 or more applications at 3-5 day intervals may be required to establish control
- Under most conditions, fungus-killed insects will appear dark or discolored with no visible fungal growth. However, fungal outgrowth (mycosis) may be visible at high relative humidity.

Mycotrol WPO

PESTS	APPLICATION RECOMMENDATION
Whiteflies, aphids	0.5-1 lb./100 gal
Thrips	1-2 lbs./100 gal
Other labeled insects	0.5-2 lbs./100 gal

Mycotrol ESO

PESTS	APPLICATION RECOMMENDATION
Whiteflies, aphids	0.5-1 qt./100 gal
Thrips	1-2 qt./100 gal
Other labeled insects	0.5-2 qt./100 gal



ACTIVE INGREDIENT

Beauveria bassiana strain GHA

KEY PESTS CONTROLLED

See label for a complete list of pests

Aphids
Leafhoppers
Mealybugs
Plant Bugs
Psyllids
Thrips
Weevils

KEY CROPS

See label for a complete list of crops

Greenhouse, field, and nursery crops
Ornamentals and flowers
Vegetables
Fruits
Herbs