



BotaniGard® ES

BotaniGard ES is a biological insecticide (Mycoinsecticide – Emulsifiable Suspension) for the control of adult and immature stages of aphids, thrips, whiteflies and more.

Active Ingredient: *Beauveria bassiana* strain GHA

Benefits & Features

- Highest spore concentration in a *Beauveria*-containing insecticide
- Provides a level of control comparable to conventional chemical programs
- Excellent tool for resistance management
- Controls the early stages of insects, preventing population outbreaks and the need for rescue treatments
- Large and diverse crop list and multiple use sites
- Compatible for tank mixes with many pesticides
- Exempt from residue tolerance



INSECT CONTROL

BotaniGard ES is a biological insecticide for the control of adult and immature stages of aphids, thrips, whiteflies and more. BotaniGard ES even controls resistant strains such as Q-Biotype whitefly.



SUPERIOR FORMULATION

BotaniGard ES contains the highest spore concentration in a *Beauveria*-containing insecticide. It is versatile enough to use as a stand-alone, as a tank-mix partner or in rotation with other insecticides.



UNIQUE MODE OF ACTION

The applied spores infect directly through the outside of the insect's cuticle. Spores adhering to the host will germinate and produce enzymes that attack and dissolve the cuticle. This allows BotaniGard ES to penetrate into and grow inside the insect's body.



SUSTAINABLE. SIMPLE. SUPPORT.

For 25 years, BioWorks has been helping our customers to develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education and service.

A BIOLOGICAL INSECTICIDE (MYCOINSECTICIDE - EMULSIFIABLE SUSPENSION)



PRODUCT INFORMATION

- *Beauveria bassiana* strain GHA
- Available Sizes: 1 qt and 1 gal
- Registered for use in the USA

REI & PHI

- 4-hour REI, 0-day PHI

For use in greenhouse, field and nursery crops, including ornamentals, herbs and spices, vegetables, fruits and berries.

SHELF LIFE

Below 32 °F (0 °C): Not needed
 Refrigeration 40 °F (4 °C): Not needed
 70 - 75 °F (21 - 24 °C): 18 months
 Best to store below 85 °F

EPA registered: Reg. No. 82074-1
 Est. No. 65626-MT-02
 MPS Code: 3503/White



APPLICATION NOTES

RECOMMENDATIONS

- Shake the container vigorously before measuring out product
- Apply at first appearance of insect pests
- Apply at 7-day intervals to keep your crop clean and prevent insect population outbreaks
- Thorough coverage is required for control
- To regain control of well established infestations, make 3 applications at 3-5 day intervals
- Insects are killed long before the appearance of any white
- Tank mix compatible with many other inputs including some fungicides



APPLICATION RATES

Insect pests	Rate*
Whiteflies, aphids	0.5-1 qt/100 gal
Thrips	1-2 qt/100 gal
Other labeled insects	0.5-2 qt/100 gal

*Rate dependent on insect population and foliage density

There is no limit to the number of times that BotaniGard ES can be applied in a season. A weekly application program can prevent insect population outbreaks and provide a level of control comparable to conventional chemical programs.

TECHNICAL SUPPORT

If you are a commercial grower with questions, or if you want to discuss a particular issue, contact us.

Our team is ready to discuss your crop-specific issues or any questions you have about our products. We will provide you with rapid, comprehensive and personalized support.

(800) 877-9443 or expert@bioworksinc.com

BROAD SPECTRUM CONTROL

- Aphids
- Leafhoppers
- Mealybugs
- Plant bugs
- Psyllids
- Thrips
- Weevils
- Whiteflies