

# BotaniGard<sup>®</sup> ES

MYCOINSECTICIDE

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



## BENEFITS & FEATURES

- Controls resistant strains such as Q-Biotype whitefly.
- 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

## PROVEN & EFFECTIVE

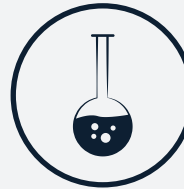
For more than 20 years, Certis Biologicals has been a pioneer in the field of biological pesticides. With a proven, broad portfolio of crop protection solutions for organic and conventional production, Certis Biologicals has the answers growers need in today's dynamic greenhouse, nursery and Controlled Environment Agriculture (CEA) markets. Certis Biologicals is a leader in commercializing new product innovations in bio-control to solve tomorrow's agricultural issues.

### INSECT CONTROL



BotaniGard ES is a biological insecticide made from the fungal spores of *Beauveria bassiana* strain GHA (aka mycoinsecticide). BotaniGard ES controls adult and immature stages of aphids, thrips, whiteflies and more..

### SUPERIOR FORMULATION



BotaniGard ES contains the highest spore concentration in a *Beauveria*-containing insecticide. 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.



4 hr. REI  
0 PHI



1.800.250.5024

www.CertisBio.com

**CERTIS**  
●●●  
Biologicals

## ACTIVE INGREDIENT

*Beauveria bassiana* strain GHA



### PRODUCT INFORMATION

#### SHELF LIFE

- Do NOT freeze  
Refrigeration: Not needed  
21° - 24°C: 12 months  
Above 35°C: 6 months or less
- *Beauveria bassiana* strain GHA
  - Available Sizes: 1 litre
  - Registered for use in Canada
  - 4-hour REI, 0-day PHI



### APPLICATION RATES

#### FOLIAR SPRAY

- Make applications on a 7 day interval
- Spray to glisten, not run off
- Ensure complete coverage
- Dry within 1 - 2 hours, lights off
- Suspend sprays 2-3 weeks prior to harvest

#### RATE

Rate per 400 litres: 1 litre

Rate per 4 litres: 2 tbsp (10 ml)



### APPLICATION SCHEDULE

#### SCHEDULE

- Make applications on a 7 - 10 day interval depending upon insect pressure
- After 2 consecutive applications, rotate out to BotaniGard ES for 1 - 2 applications



### CONTACT US

#### 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.

