

BotaniGard[®] 22WP

MYCOINSECTICIDE

BotaniGard 22WP is a biological insecticide (Mycoinsecticide – Wettable Powder) for the control of adult and immature stages of aphids, thrips and whiteflies.



BENEFITS & FEATURES

- Controls resistant strains such as Q-Biotype whitefly.
- Provides a level of control comparable to conventional chemical products
- 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
- Tank mix compatible 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

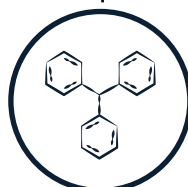
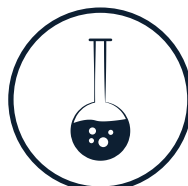
BotaniGard 22WP is a biological insecticide for the control of adult and immature stages of aphids, thrips, whiteflies and more. BotaniGard 22WP even controls resistant strains such as Q-Biotype whitefly.

SUPERIOR FORMULATION

BotaniGard 22WP 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 adhere to the host, germinate, produce enzymes, and dissolve the insect's cuticle. The fungus infects the insect directly through the cuticle. After penetrating the insect BotaniGard 22WP grows inside and takes over the insect's body.



1.800.250.5024

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PRODUCT INFORMATION

SHELF LIFE

Below 32 °F (0 °C): Not needed
Refrigeration 40 °F (4 °C): Not needed
70 - 75 °F (21 - 24 °C): 12 months*
Best to store below 85 °F

*From the date of manufacture

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

- *Beauveria bassiana* strain GHA
- Available Sizes: 1 lb
- Registered for use in the USA
- 4-hour REI, 0-day PHI

EPA registered: Reg. No. 82074-1



APPLICATION NOTES

BROAD SPECTRUM CONTROL

- Aphids
- Thrips
- Mealybugs
- Two Spotted Spider Mites
- Leafhoppers
- Weevils
- Plant Bugs
- Whiteflies
- Psyllids

RECOMMENDATIONS

- Shake the container before measuring out product

- Apply at first appearance of insect pests
- Apply at 7-day intervals to prevent insect population outbreaks
- Spray to wet, but avoid runoff
- To regain control of well established infestations, make 3 applications at an intervals of 3-5 days apart
- Insects are killed long before the appearance of any white mycelium
- Thorough coverage of both side of leaves and stems is required for control



APPLICATION RATES

INSECT PESTS	RATE*
Whiteflies, Aphids	0.5-1 lb/100 gal
Thrips	1-2 lbs/100 gal
Other labeled insects	0.5-2 lbs/100 gal

*Rate dependent on insect population and foliage density

There is no limit to the number of times that BotaniGard 22WP 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.



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.