



BioWorks®
How You Grow Matters™



Greenhouse Tomatoes

Application Tips

BotaniGard Mycoinsecticide is the foundation for a successful insect control program in greenhouse vegetable production. BotaniGard provides excellent control of whiteflies, thrips and aphids.

BotaniGard 22WP* provides the following benefits to the grower:

- Broad spectrum control
- 4-hour REI
- Zero day preharvest interval
- Gentle to plants
- Safe to workers and the environment
- Easy on beneficial insects
- No resistance issues

As with all insecticides, proper application is the key to getting the best results. Here are a few simple procedures that can help you get the maximum benefit of your BotaniGard program.

Thorough spray coverage is essential.

Spray coverage must uniformly cover areas infested by the target pest (e.g. the undersides of leaves infested by whitefly nymphs; leaves and flowers infested by thrips adults and nymphs and the media at the base of the plant infested by thrips prepupae and pupae).

Spray to thoroughly wet, but not to run-off.

A high concentration of pesticide may run with the leading edge of the drip. This means that spraying to runoff can actually reduce the amount of BotaniGard that stays on the plant. This is true of standard chemistries as well as BotaniGard.

Begin your BotaniGard spray program when insect pressure is light.

BotaniGard is most effective on the immature stages of the insect. Treatment should begin at the first appearance of the insect pest (e.g. adults, eggs or larvae).

Keep the insect population from building.

Apply BotaniGard at 7 – 10 day intervals as long as insects persist. If you have a heavy insect population, combine BotaniGard with a chemical adulticide to get an initial knockdown of the adults. Increasing your BotaniGard spray frequency to a 3 – 5 day cycle will also help. There is no limit to the number of times that BotaniGard can be applied in a season.

Refer to product technical guides for specific insecticide and fungicide compatibility information.

The suggested rate of BotaniGard 22WP applied in standard high volume sprays is:

- ½ lb per 100 gallons for whiteflies
- ½ to 1 lb per 100 gal. for aphids
- 1 lb per 100 gal. for thrips

**Note: BotaniGard ES is not labeled for tomatoes.*

To find out more about the BioWorks family of products, please contact us at **800-877-9443** or visit www.bioworksinc.com. © 2008 BioWorks, Inc.

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