



Application Tips BotaniGard® / Mycotrol®

BotaniGard® and Mycotrol® mycoinsecticides are the foundation for a successful insect control program in field and greenhouse ornamental or vegetable production. They provide excellent control of aphids, whiteflies, and thrips. However, 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 excellent control from your BotaniGard/Mycotrol program.

Always shake the container vigorously before using. Ensure that any material that has settled on the bottom of the bottle goes back into suspension.

Thorough spray coverage is essential. For thrips and aphid populations, sprays should be directed at terminals and buds. For whiteflies, sprays need to be directed into the plants and under the leaves.

Spray to thoroughly wet but not to run-off. A high concentration of mycoinsecticide may run with the leading edge of the drip. This means that spraying to runoff can actually reduce the amount of mycoinsecticide that stays on the plant. This is true of standard chemistries as well as BotaniGard/Mycotrol.

Monitor spray coverage periodically. This can be done with readily available water sensitive spray paper:

- Spray paper should be marked to show location, i.e. top or bottom of the leaf, high or low in the canopy. The spray paper can be stapled or pinned to the leaves throughout the crop.
- Spray as usual or with water only. Collect the spray cards and lay them out on a poster board to represent their relative location on the bench or bed. This method will illustrate the degree of the spray coverage achieved in the crop.

Start your BotaniGard/Mycotrol spray program when insect pressure is low. If you have a heavy infestation, combine BotaniGard/Mycotrol with a chemical adulticide to get an initial knockdown of the adults. Increasing the spray frequency to a 3-5 day cycle will also help bring the population under control.

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

Good Housekeeping practices will improve the results from any insecticide program. Keep the soil or floor of the greenhouse free of debris. Keep weeds or “pet” plants out of, and away from the exterior of the greenhouse. Don’t dump infested plant material outside near the greenhouse vents.

NOTE: Use caution when making BotaniGard ES and Mycotrol ESO applications to ornamental open blooms, especially on varieties known to be sensitive. It is recommended that a small group of plants be tested for effects on open blooms before making applications to the whole crop. Always read and follow label directions.

Refer to product labels for complete application details. Additional technical information is available on our website (bioworksinc.com) or from your BioWorks technical sales representative. BotaniGard® and Mycotrol® are registered trademarks of LAM International. Always read and follow label directions.