



## Use in Low Volume Applicators

### BotryStop™

Based on the naturally occurring non-pathogenic saprophytic fungus, *Ulocladium oudemansii* Strain U3, BotryStop can be used both in hydraulic and low volume applicators on greenhouse crops, other ornamental plants, and vegetables, fruits and nuts, etc. It is a biofungicide targeting the fungal pathogens *Botrytis* spp., *Monilinia* spp., and *Sclerotinia sclerotiorum*. BotryStop applications should begin prior to expected disease incidence. Use an application volume adequate to ensure complete coverage of the leaves and stems of the plants. Applications should be continued every 7 – 10 days during periods of disease pressure.

#### Key Features:

- Water-dispersible granular formulation
- Excellent tool for resistance management
- Tank-mix compatible with some chemical inputs
- Control as good as a full-season chemical program can be achieved with a BotryStop program
- OMRI Listed for organic production
- Exempt from residue tolerance
- 4-hour REI, 0-day PHI
- Excellent for sustainability or IPM programs

#### When using ultra low volume applicators (foggers), observe the following:

- Use only in true cold fogging equipment. Do not use BotryStop through any type of thermal fogger.
- Low volume sprayers have a high degree of efficiency in coverage of leaf and stem surfaces. Thoroughly cover the plant surfaces but note that spray deposition may not be visible after application.
- When using a low volume sprayer, first determine the proper application volume by spraying the material in a small area. Test the application on a few plants to assure proper coverage.
- Follow equipment manufacturer instructions carefully
- Properly calibrate the equipment regularly.
- Ensure that nozzles are clean and not worn so that correct droplet size is applied. Smaller droplets are more desirable in a fogging situation.
- Ensure that all the material is well mixed so application will be uniform throughout.
- Use the maximum amount of water that a given machine allows to help ensure material is completely mixed.
- Consider using a carrier solution appropriate to the type of fogger equipment. This will improve atomization and cause fewer large droplets to fall out in front of the fogger thus providing more uniform coverage. For Dramm AutoFOG™ equipment, the NutriFog™ carrier is compatible with BotryStop. Consult the Compatibility listing for BotryStop for other compatible materials.
- With most LVM equipment, keep nozzle output from directly contacting the plants. Nozzles should not be aimed directly at crop.
- Unlike hydraulic or low volume mist spraying, there should be no visible evidence (leaf wetness) of the application on the plant foliage.



## BOTRYSTOP LOW VOLUME APPLICATOR RATES:

Auto-Fog™, Coldfogger™

Hydraulic Rate/100 gal <sup>1</sup>	Rate/10,000 sq ft <sup>2</sup>	Minimum amt. of solution Auto-Fog	Minimum amt. of solution ColdFogger <sup>3</sup>
2 lb	7.4 oz	4 liters	10 liters
3 lb	11.0 oz	5 liters	10 liters
4 lb	14.7 oz	8 liters	10 liters

<sup>1</sup> Hydraulic sprayer rate per acre

<sup>2</sup> Rate is based on rate per acre factored down for 10,000 sq ft

<sup>3</sup> More solution may be used. Solution includes carrier + water. We do not recommend going below the amounts stated above. Please refer to Dramm User's Manuals for complete equipment operating instructions.

### NOTES:

- Mixing Guidelines:
  - It is essential to thoroughly pre-mix BotryStop with water in a separate container to ensure full suspension of BotryStop. Pour into partially filled tank with agitator running.
  - Add carrier if desired/required
  - Fill tank with remaining water.
- Please refer to Dramm User's Manuals for complete equipment operating instructions

Refer to product labels for complete application details. Additional technical information is available on our website ([bioworksinc.com](http://bioworksinc.com)) or from your BioWorks Biological Solutions Advisor. BotryStop™ is a trademark of BioWorks, Inc. Coldfogger™, NutriFOG™ and AutoFog™ are trademarks of the Dramm Corporation. Always read and follow label directions.