



# TECHNICAL BULLETIN: MILSTOP<sup>®</sup> SP

## USE IN LOW VOLUME APPLICATORS

MilStop SP is a foliar fungicide that kills Powdery Mildew on contact. With no known resistance, MilStop SP stands alone in its effectiveness against this dangerous fungal disease. MilStop SP is preformulated with surfactants, and may be applied right up to the day of harvest. Add to that its broad spectrum preventative control of many other foliar diseases, and MilStop SP is one of the most powerful fungal solutions available. Used in regular spray rotation with our CEASE<sup>®</sup> fungicide, MilStop SP will also prevent the expression of Powdery Mildew, Botrytis and bacterial leaf spots all season – creating the perfect combination for controlling pathogens within larger disease control programs.

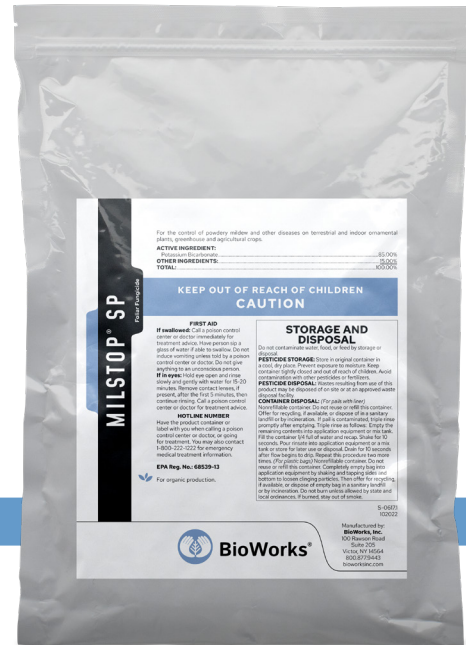
### KEY FEATURES:

- + Broad-spectrum foliar fungicide approved for organic production
- + Preformulated with surfactants to dissolve more quickly in water, requiring no additional wetting agents
- + Destabilizes and destroys fungi at the cell level, while altering pH levels on leaf surfaces to inhibit future growth
- + Can be used as a stand-alone fungicide or in combination with other foliar disease control solutions
- + Provides 1 to 2 weeks of residual protection against many other foliar diseases
- + Dries quickly and cleanly, with no visible residue
- + Does not restrict plant growth

### WHEN USING ULTRA LOW VOLUME APPLICATORS (FOGGERS),

#### OBSERVE THE FOLLOWING:

- + Ultra 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 an ultra 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 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 with water
- + 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 providing more uniform coverage. For Dramm BIO PulsFOG<sup>®</sup> equipment it is suggested to use NutriFog as a carrier for MilStop





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### WHEN USING ULTRA LOW VOLUME APPLICATORS (FOGGERS), OBSERVE THE FOLLOWING: (CONTINUED)

- + 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

DO NOT add a pH buffering agent to MilStop SP spray tank mixtures – doing so will reduce efficacy.

DO NOT add additional surfactants to spray solution – MilStop SP contains two proprietary surfactants – adding additional surfactants will result in phytotoxicity.

Dilute MilStop SP with room temperature or warm water.

### MILSTOP SP LOW VOLUME APPLICATOR RATES: COLDFOGGER™, AUTO-FOG™, TRACFOG™, BIO PULSFOG®

PROGRAMS <sup>1</sup>	HYDRAULIC RATE/100 GAL/ACRE	AREA FOGGING RATE <sup>2</sup> /10,000 SQ FT	MINIMUM AMT. OF SOLUTION <sup>3</sup> AUTO-FOG, TRACFOG, BIO PULSFOG	MINIMUM AMT. OF SOLUTION COLDFOGGER
MilStop® Preventative	1.25 lb	4.6 oz	4 liters	10 liters
MilStop® Curative	3.0 lb	11.0 oz	8 liters	10 liters

<sup>1</sup> Use the Preventative rate prior to disease incidence. The curative rate is for powdery mildew only.

<sup>2</sup> Area fogging rate gives the appropriate rate for MilStop which is based on area of coverage

<sup>3</sup> More solution may be used. Solution includes carrier + water. The Dramm owner’s manual states that you should never use less than 2 liters of water in their foggers no matter how small an area is being fogged to ensure optimum performance of their machines. We do not recommend going below the amounts stated above. Please refer to Dramm User’s Manuals for complete equipment operating instructions.

#### NOTES:

Pre-mix MilStop well in a separate container to ensure full suspension of the active ingredient. Pour into partially filled tank with agitator running.

Use caution when making MilStop applications at the curative rate to 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.

Refer to product labels for complete application details. Additional technical information is available at [bioworksinc.com](http://bioworksinc.com) or from your BioWorks technical sales representative. BotryStop® WP is a trademark of BioWorks, Inc. Always read and follow label directions.

### GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just 48 hours. So you can get back to the business of successful growing.



**BioWorks®**  
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