



MilStop®



MilStop is a foliar fungicide that kills Powdery Mildew on contact by pulling water from spores and their growing strands. MilStop inhibits enzymes involved in fungal cell wall formation by altering the pH on the leaf surface.

Active Ingredient: Potassium bicarbonate

Benefits & Features

- Use at or before the first sign of disease
- Fully dissolves in water
- No residue, dries quick and clean
- Cost effective; comes pre-formulated with surfactants
- University tested and proven to be effective
- Does not restrict plant growth
- OMRI Listed
- No special storage conditions



DISEASE CONTROL

MilStop is an effective fungicide for the control of or suppression of Powdery Mildew due to *Podosphaera* spp., *Leveillula taurica*, *Oidium* spp., *Golovinomyces*, *Microsphaera* spp., *Erysiphe* spp., *Sphaerotheca* spp. and *Uncinula necator*.



KILLS POWDERY MILDEW

There is no known resistance. Use at or before the first sign of disease. MilStop kills powdery mildew on contact and provides 1-2 weeks of protection.



IPM

An excellent disease management tool as a stand-alone fungicide for foliar disease control or alternated as part of an integrated pest management program.



SUSTAINABLE. SIMPLE. SUPPORT.

For over 25 years, BioWorks has been helping our customers develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education and service.

**A WATER-SOLUBLE BROAD SPECTRUM FOLIAR FUNGICIDE****PRODUCT INFORMATION**

- Potassium bicarbonate
- Available Sizes: 2.27 kg (bag)
11.35 kg (bucket)
- 4-hour REI, 0-day PHI

SHELF LIFE

Below 0 °C (32 °F):	Not needed
Refrigeration 4 °C (40 °F):	Not needed
21-24 °C (70-75 °F):	2+ years
Above 24 °C (75 °F):	Store cool and dry

Effective on greenhouse vegetable crops and ornamental crops, outdoor bedding plants, field cucurbits, stone fruits, Cannabis (marijuana) that is produced commercially indoors, hops, greenhouse and field strawberries, greenhouse and field herbs and spices and mint, grapes, artichokes, greenhouse lettuce and field peppers.

**APPLICATION NOTES**

- To control/suppress powdery mildew, apply up to the maximum rate of 5.6 kg/ha every 1-2 weeks. Uniform and complete coverage using a properly calibrated sprayer (checking the calibration frequently) is essential for the best results. Shorten the interval during rainy weather or during periods of high relative humidity.
- Do not acidify water. Do not add a buffer agent to tank mixture. (MilStop has an approximate pH of 8.0)
- MilStop is formulated with surfactants. Do not add extra surfactant
- MilStop is a contact eradicant, good coverage is crucial for performance.
- Do not apply during hottest part of the day.
- Use caution with open blooms. Test on a small scale prior to spraying the entire crop

**APPLICATION RATES****PREVENT FOLIAR FUNGAL DISEASE**

- Apply preventively at 2.8 kg/ha every 2 weeks until conditions are no longer favorable for disease development
- To curatively kill Powdery Mildew, apply up to the maximum rate (5.6 kg/ha) every week for 3 weeks
- **Greenhouse**
Preventative: 0.28 kg/1000m² (2.8 kg/ha/1000 L)
Curative: 0.56 kg/1000m² (5.6 kg/ha/1000 L)
- **Field**
Preventative: 2.8 kg/ha/1000 L
Curative: 5.6 kg/ha/1000 L

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.

(800) 877-9443 or expert@bioworksinc.com

CONTACT KILL EFFECTS

Electron micrograph show the CONTACT-KILL effects of MilStop on powdery mildew spores within minutes of application. The mildew spore on the left is not treated (healthy). The mildew spores on the right are treated (rapid water loss) with MilStop.