

MilStop®

Broad Spectrum Foliar Fungicide

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW AND OTHER DISEASES ON TERRESTRIAL AND INDOOR ORNAMENTAL PLANTS, GREENHOUSE AND AGRICULTURAL CROPS

This package can treat up to one (1) acre at the recommended maximum treatment rate.

ACTIVE INGREDIENT:

Potassium Bicarbonate.....85.00%

OTHER INGREDIENTS.....15.00%

TOTAL.....100.00%

EPA REG. NO. 70870-1-68539

EPA EST. NO. 67187-NY-01

Net weight: 5 lbs. (2.27 kg)
25 lbs. (11.35 kg)

KEEP OUT OF REACH OF CHILDREN

CAUTION

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing.

First Aid

If swallowed:

- Call poison control center or doctor immediately for treatment advice.
- Have person drink several glasses of water.
- Do not induce vomiting.
- Do not give anything by mouth to an unconscious person.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have a product label or container with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center (NPIC) at 1-800-858-7378 between the hours of 6:30 a.m. to 4:30 p.m. Pacific Time, seven days a week for emergency medical information.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters and rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a restricted entry of one (1) hour for this product.

PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls over short sleeved shirt and short pants, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of reach of children. Avoid contamination with other pesticides or fertilizers.
PESTICIDE SPILL PROCEDURE: In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.
PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke

GENERAL INFORMATION

MilStop is a broad spectrum, contact foliar fungicide that controls a variety of diseases on terrestrial and indoor woody and herbaceous ornamental plants, and on greenhouse, nursery and agricultural crops. MilStop is applied using a sufficient volume of water to insure complete coverage of all stems and foliage.

NOTICE TO USER: Due to variability within species and in application techniques and equipment, and possible tank mix combinations, neither the manufacturer nor the seller has determined whether MilStop can be safely used on all varieties and species of ornamentals, greenhouse, and agricultural plants under all conditions. Therefore, the professional user should determine if MilStop can be used safely before broad usage by applying the prescribed use rate under the conditions expected to be encountered to a small test area. Any adverse effects should be visible within 14 days.

For curative disease control on sensitive crops apply at a rate of 2.5 pounds of MilStop per 100 gallons of water per week and increase the rate each week in 0.25 pound increments. Do not exceed a use rate of 3.0 pounds per acre per application.

IMPORTANT: Read the entire label before using MilStop. Consult your State Agricultural Experiment Station or Extension Service Specialist for

additional information on timing of applications, rates, and any additional requirements or restrictions.

MIXING INSTRUCTIONS: MilStop must be diluted with water before applying. Carefully measure and mix the product and water. Fill tank with 1/2 to 3/4 of the selected volume of water prior to the addition of MilStop. Start mechanical or hydraulic agitation. Slowly add the required amount of MilStop to the tank. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

DO NOT MIX WITH OTHER SOLUBLE PESTICIDES OR FERTILIZERS NOT COMPATIBLE WITH MILD ALKALINE SOLUTIONS. THE ADDITION OF SURFACTANT OR WETTING AGENT TO SPRAY IS NOT REQUIRED. PRODUCT IS PRE-FORMULATED WITH THESE PRODUCTS FOR BEST PERFORMANCE. DO NOT ADJUST SPRAY SOLUTION pH AFTER MIXING OF PRODUCT. ACIDIFICATION OF SOLUTION WILL CAUSE REDUCED PRODUCT PERFORMANCE.

SPRAY APPLICATION METHOD: Do not apply this product through any type of irrigation system. Do not apply directly to soil as a directed spray or drench. For best results, use a properly calibrated sprayer or similar equipment, and check equipment calibration frequently.

CLEANING SPRAY EQUIPMENT: Clean application equipment thoroughly using a detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product.

FIELD APPLICATION: Apply at a rate of 2.0 to 3.0 pounds of MilStop per acre. Use a sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per acre of treatment can vary depending upon plant type and stage of development. Concentration of spray solution and frequency of application will depend upon disease pressure. Do not exceed a use rate of 3 pounds of MilStop per acre, per application. Do not store unused spray solution. Dispose of unused solution on site.

GREENHOUSE APPLICATION: Apply at a rate of 1.25 to 3.0 pounds per 100 gallons of water. Use a sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Concentration of spray solution and frequency of application will depend upon disease pressure. Do not exceed a use rate of 0.3 pounds of MilStop per 4350 sq.ft. or 0.70 pounds per 10,000 sq. ft., per application. Do not store unused spray solution. Dispose of unused solution on site.

See special instructions for use on poinsettia, impatiens and pansy.

Small Volume Application Chart: Use the chart below to determine MilStop quantities for small area applications. Adjust to desired concentration for low disease pressure or as a curative treatment.

Chart Treatment Rate: 2.5 lbs. per 100 gallons

Amount of MilStop	Amount of Water	Square feet treated
1 Tbsp	1 gallon	500
2 Tbsp	2 gallons	1,000
4 Tbsp	4 gallons	2,000
1/8 cup	2 gallons	1,000
1/4 cup	4 gallons	2,000
1/2 cup	8 gallons	4,000
1 oz. (28 grams)	2.5 gallons	1,100
2 oz. (57 grams)	5 gallons	2,200
4 oz. (113 grams)	10 gallons	4,400

ELECTROSTATIC SPRAYERS: Apply at a rate of 0.31 pounds (5 ounces) to 0.75 pounds (12 ounces) per 2 gallons of water per 10,000 sq.

ft. Do not exceed a rate of 0.75 pounds (12 ounces) per 2 gallons of water.

THERMAL FOGGERS: Apply at a rate of 0.31 pounds (5 ounces) to 0.75 pounds (12 ounces) per 1 gallon of water per 10,000 sq. ft. Use the 0.313 pounds (5 ounces) per 1 gallon of water rate for plants that are in flower. Do not exceed 0.75 pounds (12 ounces) per 1 gallon of water.

APPLICATION TIMING: Start application at first sign of disease. For best protection, repeat at one to two week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather or during periods of high relative humidity. For appropriate crops, apply MilStop as a post-harvest treatment to remaining foliage to decrease overwintering inoculum.

PREHARVEST INTERVAL: MilStop can be applied up to and including the day of harvest.

ORNAMENTAL APPLICATIONS: (California registered uses are listed in a separate section.) MilStop is for use in the following use sites: Greenhouse, Lathhouse, Shadehouse, Commercial and Residential Landscapes, Interiorscapes, Nursery, Container Production and Field Applications.

ORNAMENTAL PLANT TYPES: MilStop is for use on the following plant types: Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, Woody and Ornamental Shade Trees, Woody and Herbaceous Ornamentals, and Ornamental Nut and Fruit Trees.

FOR USE ON: Ageratum, Ajuga, Almond-Ornamental, Alyssum, Andromeda, Aphelandra, Apple-Ornamental, Apricot-Ornamental, Artemisia, Aster, Azalea, Begonia, Boxwood, Calendula, Carnation, Centaurea montana, Cherry-Ornamental, Chrysanthemum, Cineraria, Citrus, Coleus, Columbine, Coral Bells (Heuchera), Clematis, Crape Myrtle, Crassula, Croton, Daylily, Delphinium, Dianthus, Dizygotheca, Dogwood, English Ivy, Episcia, Euonymus, Fern, Fir, Forsythia, Gazania, Geranium, Gerbera daisy, Ginseng, Gladiolas, Gloxinia, Gypsophila, Hawthorn, Heliopsis scabra, Hibiscus, Holly, Hoya, Hydrangea, Impatiens*, India hawthorn, Iris, Juniper, Kalanchoe, Lavender, Lemon balm, Lipstick balm, Lipstick Vine (Aeschynanthus), Marigold, Monarda (Bee balm), Nectarine-Ornamental, Pachysandra, Palm, Pansy*, Peach-Ornamental, Peperomia, Periwinkle, Philodendron, Phlox, Photinia, Pilea, Pine, Pittosporum, Plum-Ornamental, Poinsettia*, Poppy, Pothos, Primrose, Privet, Protea, Prune-Ornamental, Pulmonaria, Pyracantha, Rhododendron, Rose, Rose-of-Sharon, Schefflera, Snapdragon, Spruce, Statice, Tree Ivy, Verbena, Viburnum, Violet, Zinnia.

DISEASES CONTROLLED

Alternaria blight, Anthracnose, Ascochyta blight, Blackspot, Botrytis blight, Botrytis gray mold, Cercospora leaf spot, Corynespora leaf spot, Didymellina leaf spot, Diplodia tip blight, Downy mildew, Entomosporium leaf spot, Fusarium, Helminthosporium leaf spot, Ink spot, Monilina fruit and blossom rot, Oculinia sp., Penicillium spp., Phomopsis blight, Powdery mildew, Ramularia leaf spot, Ray blight, Rust, Scab, Septoria leaf spot.

***SPECIAL INSTRUCTIONS:** Poinsettia - For control of intense powdery mildew, apply weekly at a rate of 0.25 pounds per 4350 sq. ft. or 1/10 acre during vegetative growth prior to bract formation, and apply every 14 days at 0.3 pounds per 4350 sq. ft. thereafter. A rate of 0.3 pounds per 4350 sq. ft applied weekly during vegetative growth has the potential to cause marginal burn to newly developing leaves, but does not injure developing bracts when applied biweekly.

Impatiens - For New Guinea impatiens, apply at a rate of 0.25 pounds per 4350 sq. ft. or 1/10 acre during vegetative growth; discontinue spraying when blossom buds are visible.

Pansy - Do not use on pansies at early stages of growth.

AGRICULTURAL APPLICATIONS: (California registered uses are listed in a separate section.) MilStop is for use in the following use sites: Greenhouse, Orchard, Nursery and Field Applications.

FOR USE ON: Acorn squash, Alfalfa, Almonds, Apples, Apricots, Avocado, Barley, Basil, Blueberries, Broccoli, Cabbage, Caneberries, Cantaloupe, Cauliflower, Chicory, Citrus, Crenshaw melon, Cucumber, Dry Beans, Eggplant, Endive, Escarole, Grapes, Honeydew, Hops, Kale, Lettuce, Lima bean, Mango, Muskmelon, Mustard greens, Okra, Oregano, Peaches, Pears, Peas, Pecans, Peppers, Pistachio, Plums, Potatoes, Prunes, Pumpkin, Radicchio, Rosemary, Sage, Snap beans, Snow peas, Soybeans, Spinach, Strawberries, Sugar Beets, Summer squash, Sweet potatoes, Thyme, Tobacco, Tomatoes, Turnip, Walnut, Watermelon, Wheat, Winter squash, Zucchini.

DISEASES CONTROLLED:

Alternaria leaf spot, Anthracnose, Botrytis, Cercospora leaf spot, Downy mildew, Fusarium, Fly speck, Monilinia fruit and blossom rot, Penicillium spp., Phoma, Phomopsis blight, Phytophthora, Powdery mildew, Scab, Septoria leaf spot

FOR USE ONLY IN CALIFORNIA

FOR USE ON: Acorn squash, Almonds, Apples, Apricots, Cantaloupe, Chicory, Crenshaw melon, Cucumber, Endive, Escarole, Grapes, Honeydew, Lettuce, Muskmelon, Peaches, Pears, Peppers, Pistachio, Plums, Prunes, Pumpkin, Radicchio, Rose, Spinach, Strawberries, Summer squash, Tomatoes, Walnut, Watermelon, Winter squash, Zucchini

DISEASES CONTROLLED: Downy mildew, Powdery mildew

NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental, greenhouse and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. Always follow the label directions. Exercise care when using this product on a given variety until familiar with the results under your growing conditions.

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.

To the extent allowable by state law the exclusive remedy of the user or Buyer, and the limit of liability of BioWorks, Inc. or any other Seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of BioWorks, Inc.

Manufactured in the USA for:



BioWorks, Inc.
345 Woodcliff Drive, First Floor
Fairport, NY 14450
(800) 877-9443