Mycostop® Biofungicide
For Turf and Agronomic, Vegetable and Ornamental Crops

Active ingredient:
Streptomyces sp. Strain K61*.............35.0%
Other ingredients: ...............65.0%
TOTAL 100.0%

*Contains a minimum of 10^8 cfu (colony forming units) per 1g of product.

Net Weight:  
- 0.07 oz. (2g)
- 0.176 oz. (5g)
- 0.88 oz. (25g)
- 3.53 oz. (100g)

KEEP OUT OF REACH OF CHILDREN
CAUTION

See back panel for First Aid and additional Precautionary Statements
FIRST AID

If Inhaled
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible.
- Call a poison control center or doctor for further treatment advice.

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.

If on Skin or Clothing
- Take off contaminated clothing.
- Immediately rinse skin with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

EMERGENCY INFORMATION
For spill, leak, fire, exposure or accidental call CHEMTREC at 1-800-424-9300.

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals
CAUTION: Harmful if inhaled. Avoid breathing dust or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a NIOSH approved particulate respirator with any N, P or R filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are given for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations
Users should:
• Immediately remove clothing/PPE if pesticide gets inside. Then thoroughly wash and put on clean clothing.
• Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

Environmental Hazards
For terrestrial use: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or 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.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours. Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required 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
• Protective eyewear
• Waterproof gloves
• Shoes plus socks
• NIOSH-approved particulate respirator with any N, P or R filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

Non-Agricultural Use Requirements
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses. Do not enter treated area without protective clothing until sprays have dried.

MIXING INSTRUCTIONS
To make a suspension of MYCOSTOP® Biofungicide, mix in a small volume of water, such as 0.25-1.0 gallon, and let stand for approximately 30 minutes. Agitate as needed to evenly disperse MYCOSTOP® Biofungicide before diluting to final volume.

Do not tank mix MYCOSTOP® Biofungicide with any pesticides or with concentrated fertilizers.

EPA Reg. No. 64137-5
EPA Est. 091225-EST-001
08/17

LALLEMAND PLANT CARE, a business unit of LALLEMAND SPECIALTIES INC.
6120 West Douglas Avenue
Milwaukee, WI 53218
United States

Manufactured for:
DANSTAR FERMENT AG
Poststrasse 30
Zug CH-6300
Switzerland

LALLEMAND PLANT CARE
6120 West Douglas Avenue
Milwaukee, WI 53218
United States
**Turf, field crop, ornamental, vegetable, mushroom and tree and forest seedling uses**

MYCOSTOP® Biofungicide can be used for the control of seed rot, root and stem rot and wilt diseases caused by Fusarium, Alternaria and Phomopsis in ornamentals, vegetables, tobacco*, cotton*, corn, peanuts*, soybeans, wheat, sorghum, beans, peas, and tree and forest seedlings. MYCOSTOP® Biofungicide can be used as a seed treatment for seed or soilborne damping off and early root rot of vegetables, herbs, tobacco*, legumes, corn, cotton*, peanuts*, wheat, sorghum, trees, confiers and ornamentals planted in the field or greenhouse.

*Not for use in California.

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### APPLICATION RATES

<table>
<thead>
<tr>
<th>Application</th>
<th>Target</th>
<th>Unit of measure</th>
<th>Value for Given Unit of Measure per MYCOSTOP® package size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dry seed treatment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lettuce</td>
<td>Pound seeds</td>
<td>0.07 oz. (2 g)</td>
<td>2 100</td>
</tr>
<tr>
<td>Ornamentals, dill, leguminous plants, parsley, root crops, spinach, tomatoes, corn, tobacco*, cotton*, peanuts*, soybeans, wheat, sorghum, beans, peas, trees and conifers</td>
<td>Gallon water</td>
<td>0.176 oz. (5 g)</td>
<td>5</td>
</tr>
<tr>
<td>Brassica species (cole crops), herbs, leeks and onions</td>
<td>Cubic yard</td>
<td>0.88 oz. (25 g)</td>
<td>25</td>
</tr>
<tr>
<td><strong>Seed soak and transplant or cutting dip</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seeds, transplants and cuttings</td>
<td>Gallon water</td>
<td>3.53 oz. (100 g)</td>
<td>100</td>
</tr>
<tr>
<td>Growing medium</td>
<td>Cubic yard</td>
<td></td>
<td>50-100</td>
</tr>
<tr>
<td><strong>Soil spray or drench</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bedding plants, foliage plants, flowering plants, trees, conifers, forest seedlings, woody ornamentals, tobacco*, cotton*, legumes, vegetable transplants or vegetables grown for production</td>
<td>Square foot</td>
<td>100-200</td>
<td>5000-10000</td>
</tr>
<tr>
<td>Small seedings</td>
<td>Square foot</td>
<td>250-500</td>
<td>5000-10000</td>
</tr>
<tr>
<td>Band or in-furrow application and side-dress application</td>
<td>Square foot</td>
<td>1250-2500</td>
<td>5000-10000</td>
</tr>
<tr>
<td>Mushroom*</td>
<td>Square foot</td>
<td>625-5000</td>
<td>2000-20000</td>
</tr>
<tr>
<td><strong>Drip irrigation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornamental and vegetable plants</td>
<td>Plant number</td>
<td>1</td>
<td>100-200</td>
</tr>
<tr>
<td>Mushroom</td>
<td>Plant number</td>
<td>1000-5000</td>
<td>5000-20000</td>
</tr>
<tr>
<td>Field crops (such as tobacco*, cotton*, corn, peanuts*, soybeans, wheat, sorghum, beans, peas, and tree and forest seedlings)</td>
<td></td>
<td>1250-2500</td>
<td>5000-10000</td>
</tr>
<tr>
<td><strong>Spray to suppress Botrytis</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornamental and vegetable plants</td>
<td>Gallon water</td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td><strong>Spray for potential growth enhancement/yield increase</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornamental and vegetable plants</td>
<td>Square foot</td>
<td></td>
<td>5000</td>
</tr>
</tbody>
</table>

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<tr>
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<tr>
<td><strong>Seed treatment</strong></td>
<td></td>
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<tr>
<td>MYCOSTOP® Biofungicide can be applied as a treatment to vegetable, herbs, tobacco*, corn, cotton*, peanuts*, wheat, sorghum, ornamental, legume, tree and conifer seeds. MYCOSTOP® Biofungicide can be dry mixed with seed in a small container such as a jar, add the required amount of MYCOSTOP® Biofungicide and seeds, shake until the seeds become coated with powder, then pour into planter box.</td>
<td>Pound seeds</td>
<td>0.176 oz. (5 g)</td>
<td>5</td>
</tr>
<tr>
<td><strong>Incorporation in Potting Media</strong></td>
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<tr>
<td>MYCOSTOP® Biofungicide can be mixed into potting media. Apply MYCOSTOP® Biofungicide in a concentrate spray to the growth media when the media is being mechanically blended or rake in by hand in beds. It is important that MYCOSTOP® Biofungicide be evenly incorporated to assure best performance. Use potting media containing MYCOSTOP® Biofungicide within 2 days after incorporation. Do not store above 90°F. A drench or spray application of MYCOSTOP® Biofungicide is recommended within 2-6 weeks as described below under Soil Spray or Drench Applications.</td>
<td>Cubic yard</td>
<td>0.88 oz. (25 g)</td>
<td>25</td>
</tr>
<tr>
<td><strong>Transplant Dip or Cutting Dip</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MYCOSTOP® Biofungicide may be applied by dipping roots of transplants or cuttings (including bare root seedlings), such as carnations, in a suspension shortly before planting. Use a suspension of 0.1% to 0.5% by weight. Use the higher rate for high stress disease pressure.</td>
<td></td>
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</tbody>
</table>

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| **Soil Spray or Drench Application** | | | |
| MYCOSTOP® Biofungicide may be applied to bedding plants, foliage plants, flowering plants, corn, tobacco*, legumes, trees, conifers, forest seedlings, woody ornamentals, vegetable transplants or vegetables grown for production. Examples of ornamental crops include carnation, gerbera, African violet, cyclamen, geranium, pine and others. Examples of vegetable crops include cabbage, cucumbers, melons, peppers, tomatoes and others. | | | |
| **Soil Spray/Drench** | Uniformly apply MYCOSTOP® Biofungicide over the area to be treated. For example, use 0.116 oz./1.3 gal.4680 sq ft. Follow with normal irrigation or sufficient water (1/8-1/4 inch) within 6 hours to move MYCOSTOP® Biofungicide into the plant root zone. | | |
| Soil spray or drench application every 2-6 weeks or as needed for disease control. Use the higher rate and more frequent application for high disease pressure and for larger plants. | | | |
| **Band or In-Furrow Application** | Apply MYCOSTOP® Biofungicide shortly before or at the time of planting in 0.5-1 pints of water/treated 100 sq ft. A 7-inch band is recommended for banded applications. Lightly incorporate into the top 2-3 inches of soil. An in-furrow application of MYCOSTOP® Biofungicide may also be made at the same rates. Spray all the soil that surrounds and covers the seed. | | |
| Repeat spray or drench application every 2-6 weeks or as needed. | | | |

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| **Side-Dress Application** | | | |
| Apply MYCOSTOP® Biofungicide in 0.5-1 pints of water/treated 100 sq ft. Repeat every 2-6 weeks or as needed. | | | |
| **Botrytis Suppression** | A 0.1% by weight (0.14 ounces/gallon of water) MYCOSTOP® Biofungicide spray will help suppress Botrytis infection. Direct spray to susceptible leaves, flowers and fruits to the point of run-off. Apply every 2-3 weeks or as needed depending on disease pressure. | | |

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| **Control of Dry Bubble (Lecanicillium fungicola) in Mushroom Houses** | | | |
| As a direct spray or soil drench, apply MYCOSTOP® Biofungicide at a rate of 0.18 – 1.40 ounces/1000 sq. ft. in 20 – 30 gallons of water/1000 sq. ft. depending on disease pressure. Repeat as needed for control. | | |

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| **Suppression of Septoria on Tree Seedlings** | | | |
| Apply 0.05% by weight (0.07 ounces/gallon of water) MYCOSTOP® Biofungicide water suspension on tree seedlings after emergence and at nursery stage by foliar spraying. Spray to the point of runoff. Repeat every 2-6 weeks or as needed. | | |

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| **Turf** | | | |
| Apply MYCOSTOP® Biofungicide in 1-3 pints of water/100 sq ft. Repeat treatment every 4 to 6 weeks or as needed depending on disease pressure. | | |

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| **Potential Growth Enhancement/Yield Increase** | | | |
| MYCOSTOP® Biofungicide has been shown to promote the growth and yield of plants even in healthy crops. Repeat the treatment monthly during the life of the crop. | | |

*Not for use in California.
DRI ligation - Chemigation

**General**
1. Apply MYCOSTOP® Biofungicide only through drip irrigation system(s). Do not apply MYCOSTOP® Biofungicide through any other type of irrigation system.
2. A pesticide supply tank is recommended. Continuous agitation of MYCOSTOP® Biofungicide in the supply tank is required. Begin application of MYCOSTOP® Biofungicide during the beginning of irrigation.

**For Agronomic Crops**
- Apply in sufficient water to move into root zone.
- Repeat every 2-6 weeks or as needed for disease control.

**For Vegetable and Ornamental Crops, and Mushrooms**
- Use higher rate and more frequent application for large plants and pots, and for high disease pressure.
- Apply in sufficient amount of water to move into root zone. Repeat every 2-6 weeks or as needed for disease control.

3. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
4. If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
5. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Special Instructions for Use of Public Water Sources**
1. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
2. Public water system means a system for the provision to the public of water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
3. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

4. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
5. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
6. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

**Special Instructions for Drip Irrigation (Chemigation) Systems**
1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

**Storage and Disposal**
Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: MYCOSTOP® Biofungicide consists of living microbes that are packed in moisture- and air-proof unit packages. Store in a cool (below 45°F, 8°C), dry place. Use all contents in packet the same day. Do not store opened packets since product will lose its activity.

**Pesticide Disposal**: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling**: Nonrefillable container; do not reuse or refill this container. Completely empty packet into application equipment, then offer for recycling, if available; otherwise, dispose of empty packet in a sanitary landfill or by incineration.

**NOTICE TO USER**
Lallemand Plant Care, a business unit of Lallemand Specialties Inc. ("Lallemand"), warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Lallemand. To the extent consistent with applicable law, Lallemand shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LALLEMAND MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.