MYCOSTOP® BIOFUNGICIDE

For the Suppression of Diseases on Greenhouse Cucumber, Tomato, Pepper, and Ornamentals.

COMMERCIAL GUARANTEE: Streptomyces griseoviridis Strain K6….min. 10⁸ cfu/g

POTENTIAL SENSITIZER

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL AND ENCLOSED LEAFLET BEFORE USING

REGISTRATION NO: 26265 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 2 x 5g

Manufactured by:
VERDERA OY
Rihitontuntie 14 A
P.O. Box 1
Fin-02201 Espoo, Finland.

Canadian agent
PLANT PRODUCTS CO. LTD.
314 Orenda Road
Brampton, Ontario
L6T 1G1
Tel. (905) 793-7000

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Keep away from food, drink and animal feed.

May cause sensitization by inhalation and skin contact. Avoid breathing dust or spray mist. Avoid contact with skin and eyes.

Wear a long sleeved shirt, long pants, shoes plus socks, chemical resistant gloves, eye goggles and a dust mask (minimum standard MSHA/NIOSH TC-21C) when handling this product and during all clean up/repair activities. Do not enter or allow entry into treated areas for 4 hours after application unless wearing a long sleeved shirt, long pants, shoes plus socks, chemical resistant gloves, eye goggles and a dust mask.

If this pest control product is to be used a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or www.cropro.org/.

FIRST AID:

IF ON SKIN/CLOTHING: Take off contaminated clothing. Rinse skin IMMEDIATELY with plenty of water.

IF IN EYES: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, then continue rinsing eye.

GENERAL: Seek medical attention IMMEDIATELY if irritation occurs and persists or is severe. Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.
ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water or to areas where surface water is present. Do not contaminate any body of water when disposing of equipment wash water.

DIRECTIONS FOR USE: See label enclosed in package for complete use directions before using.

STORAGE AND DISPOSAL

STORAGE: Store product in unopened packets in a cool (below +8°C), dry place. Use all contents in packet the same day. In an opened packet the product will lose its activity. Unopened packages stored below +8°C have a viable shelf life of 12 months.

DISPOSAL

1. Thoroughly empty the contents of the container into the application device.
2. Make the container unsuitable for further use.
3. Dispose of container in accordance with provincial requirements
4. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the regulatory agency in case of spill, and for clean-up of spills.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller’s guarantee shall be limited to the term’s set out on the label, and subject thereto, the buyer assumes the risk to person’s or property arising from the use or handling of this product and accepts the product on that condition.
MYCOSTOP® BIOFUNGICIDE

BIOLOGICAL FUNGICIDE
For the Suppression of Diseases on Greenhouse Cucumber, Tomato, Pepper and Ornamentals.

COMMERCIAL

GUARANTEE: Streptomyces griseoviridis Strain K61 ...... min. 1 x 10⁸ cfu/g

POTENTIAL SENSITIZER

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DIRECTIONS FOR USE

MYCOSTOP® biofungicide contains naturally occurring soil bacteria. The effect of MYCOSTOP® biofungicide comes from several factors. The microbe deprives pathogen fungi of living space and nourishment by colonizing plant roots in advance of fungi. In addition the microbe secretes various enzymes and metabolites which inhibit pathogen growth. MYCOSTOP® biofungicide has been shown to promote the growth and yield of plants even in healthy crops.

MYCOSTOP® biofungicide is used for the suppression of damping-off, root and crown rot, and wilt caused by *Fusarium* on greenhouse ornamentals and vegetables such as cucumber, tomato and pepper; damping-off and root and crown rot caused by *Pythium* on greenhouse ornamentals and cucumber, as well as root and stem rot and wilt caused by *Phytophthora* on greenhouse ornamentals, tomato and pepper.

MYCOSTOP® biofungicide is a wettable powder, packed in small-dose airtight packets. It is easy to apply as a water suspension by spraying or drenching the surface of growing media or by using drip irrigation. MYCOSTOP® biofungicide is also suitable for seed treatment.

MYCOSTOP® biofungicide is compatible with IPM programs.

**Seed treatment for the suppression of *Fusarium* damping off**

In seed treatment the following rates are recommended:
- vegetables, ornamentals and herbs* 5-8 g per kg of seed

*Do not treat lettuce, gerbera or sweet pepper seed

Add MYCOSTOP® biofungicide to the seeds in a clean, dry container, close lid and shake container until seeds become evenly coated with the product. The treated seeds should be sown without delay, at latest within one week if kept below +8°C.

**Growing media treatment for the suppression of diseases caused by *Fusarium*, *Pythium* and *Phytophthora***

The effect of MYCOSTOP® biofungicide is preventive. Start treatments of growing media in seedling production or immediately after transplanting or potting. Repeat the treatment every 3 to 6 weeks in accordance with disease pressure for maximum effect. For seedling production, apply first spray after emergence using lower rate.

MYCOSTOP® biofungicide has shown to be safe on common ornamentals however it is not possible to test all cultivars and some may show delayed germination or growth. MYCOSTOP® biofungicide should first be tested on a small lot of plants if the response of the variety is not known, before using in commercial scale production.
MYCOSTOP® biofungicide rates for the suppression of
- *Fusarium* on greenhouse ornamentals and vegetables, such as cucumber, tomato and pepper
- *Pythium* on greenhouse ornamentals and cucumber
- *Phytophthora* on greenhouse ornamentals, tomato and pepper

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<th>CROP</th>
<th>RATE PER TREATMENT (SPRAYING, DRENCHING, DRIP IRRIGATION)</th>
<th>EXAMPLES OF RATES IN SPRAYING AND DRENCHING</th>
<th>TIMING FOR TREATMENTS</th>
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<tr>
<td>GREENHOUSE CUCUMBER, TOMATO, PEPPER</td>
<td>• IN ROCKWOOL, CONTAINERS 5-10 mg/plant</td>
<td>10-20 ml/plant of 0.05 % suspension</td>
<td>Immediately after transplanting, repeated at intervals of 3-6 weeks</td>
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<td>• IN BEDS 5-10 g/100 m²</td>
<td>0.1-0.2 litre/m² of 0.05 % suspension</td>
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<td>GREENHOUSE ORNAMENTALS</td>
<td>• POT PLANTS 2-5 mg/plant</td>
<td>20-50 ml/plant of 0.01 % suspension</td>
<td>Immediately after planting or potting, repeated at intervals of 3-6 weeks</td>
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<tr>
<td></td>
<td>• CUT FLOWERS (IN BEDS) 5-10 g/100 m²</td>
<td>0.1-0.2 litre/m² of 0.05 % suspension</td>
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<tr>
<td>SEEDLING PRODUCTION</td>
<td>2-10 g/100 m²</td>
<td>0.2-1.0 litre m² of 0.01 % suspension</td>
<td>After seedling emergence</td>
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0.01 % = 1 g/10 litres of water, 0.05 % = 1 g/2 litres of water

**Mixing instructions**

Make a water suspension by mixing the packet contents in a small volume of water (e.g. 0.5 litre) and let stand for about 30 minutes. Agitate as needed to get product evenly dispersed before diluting to final volume. The water suspension should be used during the same day. In drip irrigation system add MYCOSTOP® biofungicide suspension into the mixing tank; do not mix with concentrated fertilizer solutions.

MYCOSTOP® biofungicide is believed to be compatible with most beneficials and chemical pesticides used in greenhouse growing media and may be applied separately after a short interval. For a detailed compatibility list contact the distributor or manufacturer. Do not tankmix MYCOSTOP® biofungicide with chemical pesticides.

**STORAGE**

Store the product in unopened packets in a cool (below +8°C), dry place. Use all contents in packet during the same day. Do not store opened packets since product will lose its viability. In unopened packets stored below +8°C product has a viable shelf life of 12 months from packaging date.

**DISPOSAL**

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2. Make the container unsuitable for further use.
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MYCOSTOP® biofungicide is a registered trademark of Verdera Oy, Finland.
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