

## **CannaPM Fungicide**

COMMERCIAL

For the suppression of: Botrytis grey mould (*Botrytis cinerea*) and powdery mildew (*Sphaerotheca macularis*), on indoor and field-grown cannabis and hemp and seed rot, pre-emergence damping-off, post-emergence damping-off and root rot caused by *Pythium* spp. on indoor-grown cannabis and hemp.

SOLUBLE POWDER

READ THE LABEL BEFORE USING

**ACTIVE INGREDIENT:**

*Streptomyces lydicus* strain WYEC 108.....1.0 x 10<sup>7</sup> CFU/g (min.) (0.0371%)

CAUTION: EYE IRRITANT

POTENTIAL SENSITIZER

REGISTRATION NO: 33983 PEST CONTROL PRODUCTS ACT

MustGrow Biologics Corp.  
1005B - 201 1st Ave South  
Saskatoon, SK  
S7K 1J5  
1 (306) 668-2652

Net Contents: 20 g to 9.5 kg (*indicate as appropriate*)

Manufactured: dd-mm-year

Batch Code/Expiry Date: XXXX/dd-mm-year

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

May cause sensitization. May irritate eyes. Avoid contact with eyes, skin and clothing. Avoid breathing dust and spray mist. Workers (includes mixer/loader, applicators, and early-entry workers) must wear a long sleeved shirt, long pants, shoes plus socks, waterproof gloves and a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when mixing/loading or applying the product and during all clean-up/repair activities. Restricted Entry Interval: DO NOT enter or allow worker entry into treated areas for 4 hours or until sprays have dried, unless wearing waterproof gloves, long-sleeved shirt, long pants and socks with shoes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and follow manufacturer's directions for cleaning/maintaining PPE before reuse. If no such instructions are available use clothing detergent and hot water for cleaning all washable PPE. Keep and wash PPE separately from other laundry.

**PRE-HARVEST INTERVAL:** CannaPM can be applied up to the day of harvest except for foliar application on cannabis or hemp, which should be 2-3 weeks.

## **FIRST AID**

### **IF SWALLOWED:**

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

### **IF ON SKIN OR CLOTHING:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

### **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 centre 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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS:**

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Do NOT apply by aerial application equipment.

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to: heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

### **DIRECTIONS FOR USE**

**General Information:** CannaPM is a biological fungicide for the suppression of *Botrytis* grey mould and powdery mildew on indoor and field-grown cannabis and hemp, and seed rot/pre-emergence damping-off, post-emergence damping-off and root rot caused by *Pythium* spp. on indoor-grown cannabis and hemp.

#### **Directions for Use:**

### **INDOOR-GROWN AND FIELD-GROWN CANNABIS AND HEMP**

#### **FOLIAR APPLICATION**

**For suppression of *Botrytis* grey mould (*Botrytis cinerea*) and powdery mildew (*Sphaerotheca macularis*) on Indoor-grown and field-grown cannabis and hemp**

Dissolve 425 g CannaPM in 1100 L water per hectare, and apply as foliar spray to leaves and blossoms. Spray to wet, but avoid run-off. Make the first application when conditions are conducive to disease development, and repeat applications every 7-14 days. Use the shorter application interval under high disease pressure. CannaPM can be applied using hand-held backpack or ground spray equipment. Clean application equipment before use of this product, and use prepared sprays within 4 hours of preparation.

#### **HYDROPONIC SYSTEMS AND SOIL DRENCHES ON INDOOR-GROWN CANNABIS AND HEMP**

**For suppression of seed rot/pre-emergence damping-off, post-emergence damping-off and root rot caused by *Pythium* spp. on Indoor-grown cannabis and hemp**

Dissolve recommended rate of CannaPM per 1100 L of water to create a solution. Apply solution as a drench or through hydroponic systems to plants/growing media until the pot is thoroughly wetted without creating run-off. Make the first preventative application immediately after seeding or transplanting or when conditions are conducive to disease development. Repeat application every 7 to 14 days. Use the shorter application interval under high disease pressure. CannaPM can be applied using low pressure watering nozzles such as fan nozzles, through overhead boom type sprayers or sprinklers, hydroponics systems, injectors, flood benches or other drench watering systems. Clean application equipment before use of this product, and use prepared sprays within 4 hours of preparation.

Application method	Diseases	CannaPM Rate per ha	Remarks
<b>Indoor-grown and field-grown cannabis and hemp</b>			
<b>Foliar</b>	Botrytis grey mould ( <i>Botrytis cinerea</i> )  Powdery mildew ( <i>Sphaerotheca macularis</i> )	425 g/1100 L water	Make the first application when conditions are conducive to disease development. Apply to foliage and blossoms. Repeat application every 7-14 days.
<b>Indoor-grown cannabis and hemp</b>			
<b>Hydroponic Systems</b>	Seed rot/pre-emergence damping-off, post-emergence damping-off and root rot caused by <i>Pythium</i> spp.	420 to 840 g/ha	Apply solution to the growing media. Repeat application every 7-14 days.
<b>Soil Drenches</b>		42 to 84 g/100 L water/1 m <sup>3</sup> of growing media	Apply as a soil drench. Repeat application every 7-14 days.

#### STORAGE:

Do not contaminate water, food or feed by storage and disposal.

Store at room temperature for no more than 12 months. Store out of direct sunlight and away from heat sources. Keep from overheating or freezing. To prevent contamination, store this product away from food or feed.

#### DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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