

PRO-MIX HP WITH BIOFUNGICIDE



PROFESSIONAL
HIGH POROSITY GROWING MEDIUM
WITH BIOFUNGICIDE FOR ORNAMENTAL
AND VEGETABLE USE IN GREENHOUSES

COMMERCIAL
KEEP OUT OF REACH OF CHILDREN
POTENTIAL SENSITIZER
CAUTION- EYE IRRITANT
READ THE LABEL BEFORE USING
See Additional Precautionary Statements on Back Panel

107 L

(3.8 Cu. Ft. /pi cu) Compressed

GUARANTEE:

Bacillus subtilis MBI 600 (contains a minimum 1×10^7 colony forming unit per litre of media) . . . 0.001%

REGISTRATION No 28705
PEST CONTROL PRODUCTS ACT

BATCH NUMBER & MANUFACTURING DATE: see side panel

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PROFESSIONAL

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GENERAL INFORMATION

PRO-MIX HP with Biofungicide, containing SUBTILEX® Biological Fungicide (active ingredient *Bacillus subtilis* MBI 600), reduces damping-off and root-rot diseases caused by *Pythium* spp. on a wide variety of greenhouse ornamental plants, and on vegetable transplants. The bacteria *Bacillus subtilis* MBI 600, colonizes developing root systems and suppresses *Pythium* spp."

PRO-MIX HP with Biofungicide is a "High Porosity" peat-based professional growing medium, designed for the cultivation of horticultural plants. The light weight and high porosity of PROMIX HP with Biofungicide provide conditions necessary to establish plant growth, especially when growing situations require high air-capacity and low-water retention media. These characteristics make PRO-MIX HP with Biofungicide excellent for use with water sensitive crops, propagation of plant cuttings and/or low-light conditions.

For technical assistance, plant compatibility information and crop culture guidelines, **contact PREMIER GROWER SERVICES – Canada: 1-800-667-5366.**

DIRECTIONS FOR USE

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.

PREPARATION

Open package at the time of potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX HP with Biofungicide until slightly moist to the touch. Transplant cuttings, plugs, seedling, etc. in moistened medium taking care not to compact PRO-MIX HP with Biofungicide. **DO NOT PACK DOWN.** Place newly transplanted trays and pots in a suitable growing area and maintain air / medium temperatures that favour plant species grown. PRO-MIX HP with Biofungicide is for use in protected growing environments only (e.g. glasshouse or greenhouse): not for use in non-protected environments (e.g. non-contained nurseries or slat houses).

FERTILIZATION

Initial plant development will occur without immediate fertilization. To ensure plants receive adequate nutrients, it is essential to initiate a fertilization program at the emergence of the first set of true leaves. The program selected should be appropriate for the plant species grown, stage of development and water nutrient content. It is advisable to frequently analyze media nutrient levels and plant tissue throughout the production cycle to insure plants receive proper nutritional requirements.

WATER MANAGEMENT

An essential part of crop culture is water management. When plants require water, irrigate the

crop early in the day. This will allow plant foliage and medium surface to dry. Also, medium temperature can warm to normal level by evening. Irrigate thoroughly so water ‘runs through’ to prevent salt accumulation and to ensure uniform wetting and drying of containers throughout the crop.

APPLICATION INFORMATION

- Use PRO-MIX HP with Biofungicide “as is” from package. Add water to moisten.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Thoroughly moisten medium to “water-in” plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Do not sterilize or pasteurize PRO-MIX HP with Biofungicide.
- Do not store wet growing media, as pH will tend to climb from activation of limestone.
- Store products in sealed bags to avoid intrusion from water, pathogens, pesticides and weeds.
- Pesticides and chemical growth regulator treatments can be used in combination with PRO-MIX HP with Biofungicide, and will provide additional protection throughout the growing season.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. May cause sensitization. May irritate eyes. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear a long-sleeved shirt, long pants, shoes plus socks, and waterproof gloves when handling or mixing/loading the product and during all cleanup/repair activities. A dust filtering mask and eye goggles must also be worn when bags are opened and/or potting machines are filled. Do not enter or allow worker entry into areas where such activities are performed during the restricted entry interval (REI) of 4 hours unless wearing appropriate personal protective equipment, including a long-sleeved shirt, long pants, shoes plus socks, waterproof gloves, a dust mask and eye goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS:

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters. For guidance, contact the Provincial Regulatory Agency.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

If swallowed: Rinse mouth and throat with copious amounts of water. Do not induce vomiting.

If on skin/clothing: Take off contaminated clothing. Wash with plenty of soap and water.
If inhaled: Move to fresh air.
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 or signs of toxicity occur and persist 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.

STORAGE: Store in a dry location away from direct sunlight. Material should be used within 9 months of the Date of Manufacture. To prevent contamination, store this product away from food or feed.

DISPOSAL:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- 1 Triple- or pressure-rinse the empty container. Dispose of the rinsings in accordance with provincial requirements.
- 2 Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

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. The user assumes the risk to persons or property that arises from any such use of this product.

QUALITY GUARANTEE

PREMIER HORTICULTURE is committed to quality. If for any reason you are not completely satisfied with the quality of this product, you may return this package to the seller and **PREMIER HORTICULTURE** guarantees to replace it or refund its purchase price, at your choice. As usual with similar products, all other remedies and liabilities including,

liability for direct or consequential damages, warranties of merchantability and fitness for a particular purpose are excluded.

PLEASE RECYCLE
PRODUCT OF CANADA

Subtilex® is a registered trademark of / and the strain of *Bacillus subtilis* is a product of Becker Underwood, Inc.

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