

74267-4

9/5/2012

1/39



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

SEP - 5 2012

Gary Libman  
Principal, GNL Consultation Services  
25 Casa Hermosa  
Albuquerque, NM 87112

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

RE: Application dated July 27, 2012 for Notification of Alternate Brand Names: Pro-Mix Biofungicide + Mycorrhizae, BX, HP, TA, PGX, BRK and FPX on Labels  
Product name: Pro-Mix Tandem  
Active Ingredient: *Bacillus pumilus* GHA180  
EPA File Symbols: 74267-4

Dear Mr. Libman,

The Biopesticides and Pollution Prevention Division has received your application for Notification under Pesticides Registration Notice (PRN) 98-10 dated July 27, 2012. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the letter submitted with this application has been stamped "Notification, received and accepted" and will be placed accordingly in our records.

Questions concerning this action should be directed to Susanne Cerrelli (703) 308-8077 or email at cerrelli.susanne@epa.gov.

Sincerely,  
  
Kimberly Nesci,  
Acting Branch Chief  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention  
Division (7511P)

CONCURRENCES

|         |            |        |  |  |  |  |  |  |
|---------|------------|--------|--|--|--|--|--|--|
| SYMBOL  | ▶ 7511P    | 7511P  |  |  |  |  |  |  |
| SURNAME | ▶ Cerrelli | Nesci  |  |  |  |  |  |  |
| DATE    | ▶ 7/31/12  | 9/5/12 |  |  |  |  |  |  |

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

Print Form



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment

Other

OPP Identifier Number

Application for Pesticide - Section I

|  |   |  |
|--|---|--|
| 1. Company/Product Number<br>Premier Horticulture 74267-4  | 2. EPA Product Manager<br>Suzanne Cerrelli  | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Premier Horticulture Pro-Mix Biofungicide + Mycorrh   | PM#<br>90   |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>Gary Libman Premier Horticulture<br>1 Avenue Premier Riviere-Du-Loup, Quebec G5R6C1 Canada<br><br><input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:<br>EPA Reg. No. _____<br>Product Name _____ |  |

Section - II

|  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain below.                            | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application.   |
| <input checked="" type="checkbox"/> Notification - Explain below.              | <input type="checkbox"/> Other - Explain below.  |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION OF ALTERNATE BRAND NAMES TO PRO-MIX TANDEM MASTER LABEL TO PRO-MIX BIOFUNGICIDE + MYCORRHIZAE 74267-4

This notification is consistent with the provisions of PR 98-10 and EPA regs 40 CFR 152.46 (SEE PAGE 2 FOR FULL STATEMENT)

Section - III

|  |  |   |  |                                |   |
|--|--|---|--|--------------------------------|---|
| 1. Material This Product Will Be Packaged In:  |  |   |  | 2. Type of Container           |   |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes*<br><input checked="" type="checkbox"/> No   | Unit Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |  | <input type="checkbox"/> Metal | <input checked="" type="checkbox"/> Plastic |
| * Certification must be submitted  | If "Yes" Unit Packaging wgt. No. per container   | If "Yes" Package wgt. No. per container   |  | <input type="checkbox"/> Glass | <input type="checkbox"/> Paper              |
| 3. Location of Net Contents Information<br><input checked="" type="checkbox"/> Label <input type="checkbox"/> Container                            |  | 4. Size(s) Retail Container<br>varied   | 5. Location of Label Directions<br><input checked="" type="checkbox"/> On Label<br><input type="checkbox"/> On Labeling accompanying product |                                |   |
| 6. Manner in Which Label is Affixed to Product<br><input checked="" type="checkbox"/> Lithograph Paper glued<br><input type="checkbox"/> Stenciled |  |   | <input type="checkbox"/> Other _____   |                                |   |

Section - IV

|   |   |   |
|---|---|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)   |   |   |
| Name<br>Gary Libman   | Title<br>Regulatory Agent                     | Telephone No. (Include Area Code)<br>1-505-301-0822             |
| Certification<br>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. |   | 6. Date Application Received (Stamped)                          |
| 2. Signature<br>  | 3. Title<br>Regulatory Agent for Premier Hort | <b>Notification Accepted</b><br>Date: SEP - 5 2012<br>Reviewer: |
| 4. Typed Name<br>Gary Libman  | 5. Date<br>27 July 2012                       |   |

NOTIFICATION OF ALTRNATE BRAND NAMES TO PRO-MIX TANDEM MASTER LABEL TO PRO-MIX BIOFUNGICIDE AND MYCORRHIZAE

The following statement needs to be added to the attached 8570-1 form:

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Section 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

*Gary Libman* 27 July 2012

Gary Libman

Regulatory Agent of Premier Horticulture

Signed on 27 July 2012

CONFIDENTIAL  
EPA  
FIFRA



**PROFESSIONAL  
PRO-MIX® TANDEM**  
Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

**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.
- Contact 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.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

**PRO-MIX® TANDEM (Alternate brand name : BIOFUNGICIDE™ + MYCORRHIZAE™)** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater crop response. In addition, the *Glomus intraradices* fungi, contained in **PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ +**

**MYCORRHIZAE™**, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ Custom Blends**

PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is a custom blended growing medium designed to meet your growing needs.

- **‘BX’ Blend.** PRO-MIX BX is a peat-based ‘General Purpose’ growing medium formulated for the cultivation of horticultural plants. This growing medium contains a blend of select Canadian Sphagnum peat moss, perlite, vermiculite, dolomitic and calcitic limestone. This formulation is lightweight, uniform and provides conditions necessary to establish plant growth.
- **‘HP’ Blend.** PRO-MIX HP is a ‘High Porosity’ peat-based growing medium designed for the cultivation of horticultural plants. This lightweight and porous growing medium provides conditions necessary to establish plant growth, especially when growing situations require medium with high air-capacity and low water-retention. This formulation is excellent for use with water sensitive crops, propagation of plant cuttings and /or low-light growing conditions.
- **‘TA’ Blend.** PRO-MIX TA is a peat-based growing medium formulated for germinating and growing-on of Tobacco and Agriculture transplants. This blend is ideal for use with trays/flats cultivated in sub-irrigated float systems and conventional irrigation methods. This fine textured blend is user-friendly for filling small cell trays and flats with automated equipment or by hand.
- **‘FPX’ Blend.** PRO-MIX FPX is a fine peat/perlite-based growing medium for germinating ornamental and vegetable seeds in small cell plug trays. It contains a base blend of short-fibered Sphagnum peat moss and fine perlite for easy filling of trays with minimal bridging. When in use, this blend retains less water than peat/vermiculite blends.
- **‘MPX’ Blend.** PRO-MIX MPX is a peat-based professional growing medium designed for the cultivation of horticultural greenhouse plants. It is uniform and blended to the highest degree of consistency to provide conditions necessary to establish plant growth. PRO-MIX ‘MPX’ is suitable for a wide variety of plant species.
- **‘PGX’ Blend.** PRO-MIX PGX is a peat-based growing medium designed for germinating ornamental and vegetable seeds. This fine textured blend contains a base of short-fibered Sphagnum peat moss and fine grade vermiculite and is well suited for traditional seeding and plug-system applications.
- **‘VFT’ Blend.** PRO-MIX VFT is a peat-based growing medium formulated for germinating and growing-on of vegetable, fruit and tobacco transplants. This blend is designed for use with trays/flats cultivated in sub-irrigated float systems and conventional irrigation methods. (Optional Text: This formulation contains a blend of ingredients that allow oxygen and water to move freely for uniform

PRO-MIX Tandem Master Label

seed germination and plant growth. This fine textured blend is user-friendly for filling small cell trays and flats with automated equipment or by hand. USES: Vegetable Transplants, Fruit Transplants, Tobacco Transplants, Germination of Tobacco and Vegetable Seeds, Float Trays, Subirrigation systems).

• **'BRK' Blend.** PRO-MIX BRK is a medium-weight, Peat/Bark-based growing medium designed for the cultivation of horticulture plants. Processed pine bark adds weight and reduces water retention of media while Sphagnum peat moss is light-weight and possesses high water-holding ability. This combination forms a base for a "general use" growing medium that provides conditions necessary to establish plant growth, particularly when container stability and low- water retention are required.

To determine the best **PRO-MIX® TANDEM** Alternate brand name : **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** for your growing needs, consult the following base-formula table. For technical assistance, plant compatibility information and crop culture guidelines, contact **PREMIER GROWER SERVICES – USA: 1 800 424-2554 – Canada: 1 800 667-5366.**

| Blends | Sphagnum peat moss | Perlite    | Vermiculite | Glomus intraradices | Starter nutrients | Limestone | Wetting agent | Bark    |
|--------|--------------------|------------|-------------|---------------------|-------------------|-----------|---------------|---------|
| BX     | Present            | Present    | Present     | Present             | Present           | Present   | Present       | Present |
| HP     | Present            | Present    | Present     | Present             | Present           | Present   | Present       | Present |
| TA     | Present            | Present    | plug-grade  | Present             | Present           | Present   | Present       | Present |
| FPX    | Present            | plug-grade | Present     | Present             | Present           | Present   | Present       | Present |
| MPX    | Present            | Present    | Present     | Present             | Present           | Present   | Present       | Present |
| PGX    | Present            | Present    | plug-grade  | Present             | Present           | Present   | Present       | Present |
| VFT    | Present            | Present    | plug-grade  | Present             | Present           | Present   | Present       | Present |
| BRK    | Present            | Present    | Present     | Present             | Present           | Present   | Present       | Present |

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labelling 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 intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to **PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can 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. If preferred, additional wetting agent can be applied during the crop cycle at irrigation to reduce surface tension of water for more thorough water penetration and movement throughout the root zone.

**APPLICATION INFORMATION**

- Use **PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** “as is” from package. Add water to moisten.
- Thoroughly moisten medium to “water-in” plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize **PRO-MIX® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**.



- 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® TANDEM Alternate brand name : PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
Do not contaminate water by cleaning of equipment or disposal wastes.  
**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may 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 bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

## QUALITY GUARANTEE

**PREMIER TECH HORTICULTURE is committed to quality.** If you are not satisfied with the quality of this product, PREMIER TECH HORTICULTURE guarantees to replace it or refund its purchase price. To the extent consistent with applicable law, 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  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**  
PREMIER HORTICULTURE INC.  
Quakertown, PA USA 18951  
**For additional information, call:**  
1 800 525-2553  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Manufactured By:**  
PREMIER HORTICULTURE LTD  
Rivière-du-Loup (Québec) Canada G5R 6C1  
**For additional information, call:**  
1 800 667-5366  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**

Sub label

10/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™  
BX**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED NURSERY  
USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |   |
|--|---|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHA180 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p>EPA Reg. No. 74267-4<br/>EPA Establishment No. 74267-CAN-01/02/03/04/05</p>  |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. 74267-CAN-01)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. 74267-CAN-02)<br/>3 for St. Anne, Manitoba (EPA Establishment No. 74267-CAN-03)<br/>4 for Northal, Alberta (EPA Establishment No. 74267-CAN-04)<br/>5 for Rexton, New Brunswick (EPA Establishment No. 74267-CAN-05)</p> |
| <p>www.pthorticulture.com.</p>   |   |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L),  
60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L),  
135 cu ft compressed (3 825 L).

**PRODUCT OF CANADA**  
PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE LTEE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ BX

Batch Code:

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ BX**

**PRECAUTIONARY STATEMENTS**

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**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

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**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

|                   |  |
|-------------------|--|
| <b>If in Eyes</b> | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Contact a poison control center or doctor for treatment advice.</li> </ul> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.</p> |
|-------------------|--|

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PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ BX

system is then established that results in more uniform plant stands after transplanting and in greater crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

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**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can insure plants receive proper nutritional requirements.

## WATER MANAGEMENT

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## APPLICATION INFORMATION

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- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™**, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

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Do not contaminate water by cleaning of equipment or disposal wastes.

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**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

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14/39

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ BX

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

**PLEASE RECYCLE  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**  
PREMIER HORTICULTURE INC.  
**Quakertown, PA USA 18951**  
**For additional information, call:**  
1 800 525-2553  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Manufactured By:**  
PREMIER HORTICULTURE LTD  
**Rivière-du-Loup (Québec) Canada G5R 6C1**  
**For additional information, call:**  
1 800 667-5366  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**

SUB LABEL

15/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAETM  
HP**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED NURSERY  
USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |   |
|--|---|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHA180 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p>EPA Reg. No. 74267-4<br/>EPA Establishment No. 74267-CAN-01/02/03/04/05</p>  |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. 74267-CAN-01)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. 74267-CAN-02)<br/>3 for St. Anne, Manitoba (EPA Establishment No. 74267-CAN-03)<br/>4 for Northal, Alberta (EPA Establishment No. 74267-CAN-04)<br/>5 for Rexton, New Brunswick (EPA Establishment No. 74267-CAN-05)</p> |
| <p>www.pthorticulture.com.</p>   |   |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L),  
60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L),  
135 cu ft compressed (3 825 L).

**PRODUCT OF CANADA**  
PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE LTEE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

Batch Code:

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ HP**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

|                   |  |
|-------------------|--|
| <b>If in Eyes</b> | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Contact a poison control center or doctor for treatment advice.</li> </ul> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.</p> |
|-------------------|--|

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater



crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**

PRO-MIX HP is a 'High Porosity' peat-based growing medium designed for the cultivation of horticultural plants. This lightweight and porous growing medium provides conditions necessary to establish plant growth, especially when growing situations require medium with high air-capacity and low water-retention. This formulation is excellent for use with water sensitive crops, propagation of plant cuttings and /or low-light growing conditions.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labelling 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 intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can 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. If preferred, additional wetting agent can be applied during the crop cycle at irrigation to reduce surface tension of water for more thorough water penetration and movement throughout the root zone.

## APPLICATION INFORMATION

- Use **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** "as is" from package. Add water to moisten.
- Thoroughly moisten medium to "water-in" plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™**, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

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

Do not contaminate water by cleaning of equipment or disposal wastes.

**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

## QUALITY GUARANTEE

**PREMIER TECH HORTICULTURE is committed to quality.** If you are not satisfied with the quality of this product, PREMIER TECH HORTICULTURE guarantees to replace it or refund its purchase price. To the extent consistent with applicable law, 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  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**  
PREMIER HORTICULTURE INC.  
**Quakertown, PA USA 18951**  
**For additional information, call:**  
1 800 525-2553  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Manufactured By:**  
PREMIER HORTICULTURE LTD  
**Rivière-du-Loup (Québec) Canada G5R 6C1**  
**For additional information, call:**  
1 800 667-5366  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**

Sub LABEL

20/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™  
TA**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED NURSERY  
USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |   |
|--|---|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHA180 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p>EPA Reg. No. 74267-4<br/>EPA Establishment No. 74267-CAN-01/02/03/04/05</p>  |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. 74267-CAN-01)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. 74267-CAN-02)<br/>3 for St. Anne, Manitoba (EPA Establishment No. 74267-CAN-03)<br/>4 for Northal, Alberta (EPA Establishment No. 74267-CAN-04)<br/>5 for Rexton, New Brunswick (EPA Establishment No. 74267-CAN-05)</p> |
| <p>www.pthorticulture.com.</p>   |   |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L), 60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L), 135 cu ft compressed (3 825 L).

**PRODUCT OF CANADA**  
PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE LTEE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

Batch Code:

21/39

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ TA**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

|                   |  |
|-------------------|--|
| <b>If in Eyes</b> | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Contact a poison control center or doctor for treatment advice.</li> </ul> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.</p> |
|-------------------|--|

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ TA

crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**

PRO-MIX TA is a peat-based growing medium formulated for germinating and growing-on of Tobacco and Agriculture transplants. This blend is ideal for use with trays/flats cultivated in sub-irrigated float systems and conventional irrigation methods. This fine textured blend is user-friendly for filling small cell trays and flats with automated equipment or by hand.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labelling 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 intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a

fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can 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. If preferred, additional wetting agent can be applied during the crop cycle at irrigation to reduce surface tension of water for more thorough water penetration and movement throughout the root zone.

### APPLICATION INFORMATION

- Use PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ "as is" from package. Add water to moisten.
- Thoroughly moisten medium to "water-in" plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™, and will provide extended protection throughout the growing season.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
 Do not contaminate water by cleaning of equipment or disposal wastes.  
**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.  
**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

### QUALITY GUARANTEE

PREMIER TECH HORTICULTURE is committed to quality. If you are not satisfied with the quality of this product, PREMIER TECH HORTICULTURE guarantees to replace it or refund its purchase price. To the extent consistent with applicable law, all other remedies and liabilities including, liability for direct or consequential damages, warranties of merchantability and fitness for a particular purpose are excluded.

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ TA

24/  
39

**PLEASE RECYCLE  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**  
PREMIER HORTICULTURE INC.  
**Quakertown, PA USA 18951**  
**For additional information, call:**  
1 800 525-2553  
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**Manufactured By:**  
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**For additional information, call:**  
1 800 667-5366  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**



SUB LABEL

25/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™  
PGX**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED NURSERY  
USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |   |
|--|---|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHA180 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p><b>EPA Reg. No. 74267-4</b><br/><b>EPA Establishment No. 74267-CAN-01/02/03/04/05</b></p>  |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. 74267-CAN-01)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. 74267-CAN-02)<br/>3 for St. Anne, Manitoba (EPA Establishment No. 74267-CAN-03)<br/>4 for Northal, Alberta (EPA Establishment No. 74267-CAN-04)<br/>5 for Rexton, New Brunswick (EPA Establishment No. 74267-CAN-05)</p> |
| <p>www.pthorticulture.com.</p>   |   |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L),  
60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L),  
135 cu ft compressed (3 825 L).

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PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE LTEE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

Batch Code:

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ PGX**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

**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.
- Contact 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.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ PGX

crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**

PRO-MIX PGX is a peat-based growing medium designed for germinating ornamental and vegetable seeds. This fine textured blend contains a base of short-fibered Sphagnum peat moss and fine grade vermiculite and is well suited for traditional seeding and plug-system applications.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

**AGRICULTURAL USE REQUIREMENTS**

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There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a fertilization program at the emergence of the first set of true leaves, this will ensure plants receive

adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can 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. If preferred, additional wetting agent can be applied during the crop cycle at irrigation to reduce surface tension of water for more thorough water penetration and movement throughout the root zone.

## APPLICATION INFORMATION

- Use PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ "as is" from package. Add water to moisten.
- Thoroughly moisten medium to "water-in" plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

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

Do not contaminate water by cleaning of equipment or disposal wastes.

**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

## QUALITY GUARANTEE

PREMIER TECH HORTICULTURE is committed to quality. If you are not satisfied with the quality of this product, PREMIER TECH HORTICULTURE guarantees to replace it or refund its purchase price. To the extent consistent with applicable law, 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**

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39

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ PGX

**RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**

PREMIER HORTICULTURE INC.

**Quakertown, PA USA 18951**

**For additional information, call:**

1 800 525-2553

[www.pthorticulture.com](http://www.pthorticulture.com)

**Manufactured By:**

PREMIER HORTICULTURE LTD

**Rivière-du-Loup (Québec) Canada G5R 6C1**

**For additional information, call:**

1 800 667-5366

[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**

SUB LABEL

30/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™  
BRK**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED NURSERY  
USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |  |
|--|--|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHAI80 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p><b>EPA Reg. No. 74267-4</b><br/><b>EPA Establishment No. 74267-CAN-01/02/03/04/05</b></p>   |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. <b>74267-CAN-01</b>)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. <b>74267-CAN-02</b>)<br/>3 for St. Anne, Manitoba (EPA Establishment No. <b>74267-CAN-03</b>)<br/>4 for Northal, Alberta (EPA Establishment No. <b>74267-CAN-04</b>)<br/>5 for Rexton, New Brunswick (EPA Establishment No. <b>74267-CAN-05</b>)</p> |
| <p><a href="http://www.pthorticulture.com">www.pthorticulture.com</a></p>  |  |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L),  
60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L),  
135 cu ft compressed (3 825 L).

**PRODUCT OF CANADA**  
PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE LTEE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

Batch Code:

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ BRK**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer's instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

**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.
- Contact 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.

For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater

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PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ BRK

crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**

PRO-MIX BRK is a medium-weight, Peat /Bark-based growing medium designed for the cultivation of horticulture plants. Processed pine bark adds weight and reduces water retention of media while Sphagnum peat moss is light-weight and possesses high water-holding ability. This combination forms a base for a “general use” growing medium that provides conditions necessary to establish plant growth, particularly when container stability and low- water retention are required.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labelling 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 intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

**IMPORTANT: PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ is suitable for fruit and vegetable transplants. PRO PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ 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. It is essential to initiate a fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can 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. If preferred, additional wetting agent can be applied during the crop cycle at irrigation to reduce surface tension of water for more thorough water penetration and movement throughout the root zone.

## APPLICATION INFORMATION

- Use PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ "as is" from package. Add water to moisten.
- Thoroughly moisten medium to "water-in" plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

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

Do not contaminate water by cleaning of equipment or disposal wastes.

**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of bag in trash.

## QUALITY GUARANTEE

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**PLEASE RECYCLE  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



**Manufactured For:**  
PREMIER HORTICULTURE INC.  
Quakertown, PA USA 18951  
**For additional information, call:**  
1 800 525-2553  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Manufactured By:**  
PREMIER HORTICULTURE LTD  
Rivière-du-Loup (Québec) Canada G5R 6C1  
**For additional information, call:**  
1 800 667-5366  
[www.pthorticulture.com](http://www.pthorticulture.com)

**Product of Canada**

SUBCABEE

35/39

(Front Panel)

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™  
FPX**

**PROFESSIONAL  
SPHAGNUM PEAT-BASED GROWING MEDIUM  
WITH BIOFUNGICIDE™ FOR GREENHOUSE OR CONTAINED  
NURSERIES USE**

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
See Additional Precautionary Statements on Back Panel

|  |   |
|--|---|
| <p><b>ACTIVE INGREDIENT:</b><br/><i>Bacillus pumilus</i> GHA180 (not less than 5 X 10<sup>4</sup> viable spore per gram of media) .....0.001%<br/><b>OTHER INGREDIENTS:</b> .....99.999%<br/>Total.....100.00 %</p>  | <p>EPA Reg. No. 74267-4<br/>EPA Establishment No. 74267-CAN-01/02/03/04/05</p>  |
| <p>For identification of establishment number, refer to the manufacturing identification, which is ink-jet printed within side-bar. This indicates year / month / day / manufacture location / manufacture shift, military time and product identification. For example: 2012 / 07 / 01 1 02 02:45 BX. Manufacturing locations are coded as:</p> | <p>1 for Rivière-du-Loup, Quebec - compressed products (EPA Establishment No. 74267-CAN-01)<br/>2 for Rivière-du-Loup, Quebec - loose fill products (EPA Establishment No. 74267-CAN-02)<br/>3 for St. Anne, Manitoba (EPA Establishment No. 74267-CAN-03)<br/>4 for Northal, Alberta (EPA Establishment No. 74267-CAN-04)<br/>5 for Rexton, New Brunswick (EPA Establishment No. 74267-CAN-05)</p> |
| <p>www.pthorticulture.com.</p>   |   |

2.8 cu ft loose (85 L), 3.8 cu ft compressed (107 L), 55 cu ft compressed (1 557 L);  
60 cu ft loose (1 700 L), 70 cu ft loose (1 980 L), 80 cu ft loose (2 265 L),  
135 cu ft compressed (3 825 L).

**PRODUCT OF CANADA**  
PREMIER HORTICULTURE INC.  
127 South 5<sup>th</sup> street  
Quakertown, PA  
USA 18951

**PRODUIT DU CANADA**  
PREMIER HORTICULTURE L'ÉE  
1 avenue Premier  
Rivière-du-Loup, Quebec  
Canada G5R 6C1

Batch Code:

(Back Panel)

**PROFESSIONAL  
PRO-MIX® BX BIOFUNGICIDE™ + MYCORRHIZAE™ FPX**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals. CAUTION:** Causes moderate eye irritation .Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** As a general precaution when exposed to living microbial products such as this, applicators (**persons opening bags and/or filling potting machines**) must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Follow manufacturer’s instructions for cleaning / maintaining PPE.

**Environmental Hazards:** For terrestrial uses, do not apply directly to water, or to areas where surface water is present. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**User Safety Recommendations:**

Users should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**FIRST AID**

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For emergency information on (product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** has been enriched with GHA180 (active ingredient: *Bacillus pumilus* GHA180), a biofungicide that prevents root diseases. The *Bacillus pumilus* bacteria colonize developing root systems, and suppress disease-causing organisms, such as *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria* and *Aspergillus*, which attack root systems. The bacteria also act as a biostimulant developing with the growing root system. As a result, a vigorous root system is then established that results in more uniform plant stands after transplanting and in greater

PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ FPX

crop response. In addition, the *Glomus intraradices* fungi, contained in PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™, attach to and colonize root systems working in symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing acquisition of water and nutrients (especially phosphorus, copper and zinc) by forming an extensive mycorrhizal root system. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plant results in overall improved plant growth.

**PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**

PRO-MIX FPX is a fine peat/perlite-based growing medium for germinating ornamental and vegetable seeds in small cell plug trays. It contains a base blend of short-fibered Sphagnum peat moss and fine perlite for easy filling of trays with minimal bridging. When in use, this blend retains less water than peat/vermiculite blends.

**DIRECTIONS FOR USE**

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There is a zero (0) restricted entry interval for this product.

**PREPARATION**

Open package at the time of seeding, potting or transplanting. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™ until slightly moist to the touch. Transplant cuttings, plugs, seedlings, etc. in moistened medium taking care to avoid compaction (do not press down around seed or root systems). After transplanting, add water to settle medium. Place newly transplanted trays and pots in a suitable growing area within the greenhouse.

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**FERTILIZATION**

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fertilization program at the emergence of the first set of true leaves, this will ensure plants receive adequate nutrients. Select a fertilization program that is appropriate for the plant species grown, stage of development and water nutrient content. If you frequently analyze media nutrient levels and plant tissue throughout the production cycle, you can insure plants receive proper nutritional requirements.

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## APPLICATION INFORMATION

- Use **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™** "as is" from package. Add water to moisten.
- Thoroughly moisten medium to "water-in" plants after transplanting and placing in the greenhouse.
- Do not add fertilizers when sowing seeds.
- Use for plants requiring a growing pH between 5.0 and 7.0.
- Do not sterilize or pasteurize **PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™**.
- 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® BIOFUNGICIDE™ + MYCORRHIZAE™**, and will provide extended protection throughout the growing season.

## STORAGE AND DISPOSAL

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Do not contaminate water by cleaning of equipment or disposal wastes.

**STORAGE:** Store in a dry place at ambient temperature (-30 to 30 °C).

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PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAETM FPX

39/  
39

**PLEASE RECYCLE  
RESPECTS ALL LEGISLATION ON HEAVY METALS**



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**Quakertown, PA USA 18951**  
**For additional information, call:**  
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**Manufactured By:**  
PREMIER HORTICULTURE LTD  
**Rivière-du-Loup (Québec) Canada G5R 6C1**  
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**Product of Canada**