

71840-3

12/11/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

71840-3

Date of Issuance:

DEC 11 2001

Term of Issuance:

Unconditional

Name of Pesticide Product:

Pro-Mix 'VFT' with Biofungicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The MicroBio Group Ltd.
Suite 311, The Broadway Building
1942 Broadway
Boulder, CO 80301

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you :

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec.3 (c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec. 4.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 71840-3".
3. Submit two (2) copies of your final printed label for the record.

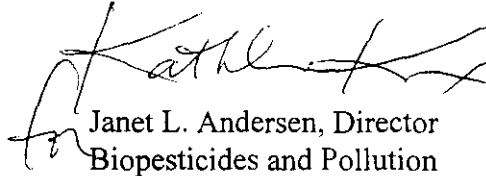
A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

(See second page for signature)

Date:

Sincerely,

A handwritten signature in black ink, appearing to read "Janet L. Andersen". The signature is written in a cursive style with a large initial "J" and "A".

Janet L. Andersen, Director
Biopesticides and Pollution
Prevention Division

(Front Panel)

PRO-MIX 'VFT' with Biofungicide

VEGETABLE, FRUIT & TOBACCO GROWING MEDIUM
FOR GREENHOUSE OR GLASSHOUSE USE

PRO-MIX 'VFT' with Biofungicide is a peat-based growing medium formulated for germinating and growing-on of vegetable, fruit and tobacco transplants. This formulation contains a blend of ingredients that allow oxygen and water to move freely for uniform seed germination and plant growth. PRO-MIX 'VFT' is designed for use with trays/flats cultivated in subirrigated float systems and conventional irrigation methods.

This growing medium has been enriched with Subtilex® (active ingredient: *Bacillus subtilis* MBI 600), a biofungicide that prevents root diseases. The *Bacillus subtilis* 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 established that results in more uniform plant stands after transplanting in the field and in greater crop yields.

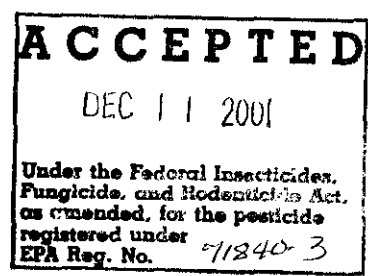
ACTIVE INGREDIENT:

Bacillus subtilis, MBI 600 (not less than 5.5 X 10⁵ viable spores per gram of media) 0.001%

OTHER INGREDIENTS*: 99.999%

***Other Ingredients include:**

- Canadian Sphagnum Peat Moss, fine granulation (60-70% by volume)
- Vermiculite, fine granulation
- Dolomitic and Calcitic Limestone (pH adjuster)
- Fertilizers
- Wetting Agent



**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Additional Precautionary Statements on Side (Back) Panel

EPA Reg. No. (pending as File Symbol 71840-G)
EPA Establishment No. 71840-GBR-001
Net Contents: _____

For technical assistance, plant compatibility information and crop culture guidelines, contact PREMIER GROWER SERVICES –USA and Mexico: (800) 424-2554; Canada: (800) 667-5366.

(Side [Back] Panel)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS
<p>Hazards to Humans and Domestic Animals: CAUTION: Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.</p> <p>Environmental Hazards: For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater.</p>

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

USES

- Vegetable Transplants
- Fruit Transplants
- Tobacco Transplants

PREPARATION

Open package at the time of seeding. Potting benches and equipment should be located in a clean, weed-free area. Add water to PRO-MIX 'VFT' until slightly moist to the touch. Select trays and flats that provide adequate drainage and fill completely with moistened medium, taking care not to compact PRO-MIX 'VFT'. **DO NOT PACK DOWN.** Compaction reduces air space and can adversely affect germination and seedling growth. Sow seeds according to seed packet directions and irrigate with water. Place newly sown trays in suitable growing area and maintain air/medium temperatures that favor plant species grown. **IMPORTANT:** PRO-MIX 'VFT' is only registered for non-fruiting, non-bearing plant use in protected growing environments (e.g. glasshouse or greenhouse), and is not registered 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. 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.

RECOMMENDATIONS

- Use PRO-MIX 'VFT' "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 5.5 and 7.5.
- Do not sterilize or pasteurize PRO-MIX 'VFT'.
- 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.
- The biofungicide-enriched media can be used with pesticide and chemical treatments, 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.

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

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Dispose of bag in the trash.

PRODUCT OF CANADA

Distributed by:

PREMIER HORTICULTURE INC.
Red Hill, PA 18076
For additional information, call:
(215) 679-5921 or (800) 424-2554
www.premierhort.com

PREMIER HORTICULTURE LTD.
Riviere-du-Loup, Canada G5R 6C1
For additional information, call:
(514) 631-6700 or (800) 667-5366

Manufactured by:

The MicroBio Group Ltd.
Suite 311, The Broadway Building
1942 Broadway
Boulder, CO 80301

QUALITY GUARANTEE

PREMIER HORTICULTURE is committed to quality. All PRO-MIX professional products are made with high-quality components. 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.

SUBTILEX is a registered trademark of the MicroBio Group Ltd. *Bacillus subtilis* MBI 600 strain is a product of MicroBio Ltd., England.