

68539-10

02/28/2013

1/16

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 28 2013

Ms. Jamie Aggas  
Regulatory Coordinator  
BioWorks, Inc.  
100 Rawson Road, Suite 205  
Victor, NY 14564

Re: Product Name – BW240 G Biological Fungicide  
EPA Reg. No. 68539-10

Your application dated February 7, 2013 to add four alternate brand names (TurfShield® PLUS G, TurfShield® PLUS G Biological Fungicide, TurfShield® PLUS Granules, and TurfShield® PLUS Granules Biological Fungicide), add an optional marketing claim related to the product's composition, and make minor changes to the registrant's address consistent with Pesticide Registration (PR) Notice 98-10  
Decision No. 475508

Dear Ms. Aggas:

The Biopesticides and Pollution Prevention Division is in receipt of your application, as indicated above, for notification under PR Notice 98-10. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10, and it has been determined that the action requested falls within the scope of this document. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records. Submit two (2) copies of final printed labeling before the product, as modified, is sold or distributed [40 C.F.R. § 156.10(a)(6)].

Questions concerning this action should be directed to Ms. Jeannine Kausch by phone (703-347-8920) or email ([kausch.jeannine@epa.gov](mailto:kausch.jeannine@epa.gov)).

Sincerely,

Kimberly Nesel, Chief  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)

CONCURRENCES

SYMBOL	7511P	7511P	7511P					
USERNAME	KAUSCH	Boys	Chew					
DATE	02/28/2013	2/28/13	2/28/13					

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060

Print Form

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number BioWorks, Inc./68539-10	2. EPA Product Manager Shervl Reilly	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BW240 G Biological Fungicide	PM# Microbial Pesticides/BPPD	
5. Name and Address of Applicant (Include ZIP Code)  BioWorks, Inc. 100 Rawson Road, Suite 205 Victor, NY 14564  <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: EPA Reg. No. _____ 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 to add alternate brand names and optional marketing language. 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 CSF for this product.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container		
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____			
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10,40,500,1000		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <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 Jamie Aggas	Title Regulatory Coordinator	Telephone No. (Include Area Code) 585-924-4362
Certification 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 	3. Title Regulatory Coordinator	
4. Typed Name Jamie Aggas	5. Date February 7, 2013	

# BW240 G

## Biological Fungicide

[Alternate Brand Name: RootShield® Plus Granules, RootShield® Plus Granules Biological Fungicide, TurfShield® PLUS G, TurfShield® PLUS G Biological Fungicide, TurfShield® PLUS Granules, TurfShield® PLUS Granules Biological Fungicide]

Optional Marketing Claim: Biological Fungicide  
Optional Marketing Claim: Granular Formulation

Sub-label A: Agricultural/Commercial Use

Sub-label B: Turf Use

**ACTIVE INGREDIENTS:**

*Trichoderma harzianum* Rifai strain T-22\* ..... 1.15%  
*Trichoderma virens* strain G-41\*\* ..... 0.61%

**OTHER INGREDIENTS:** ..... 98.24%

**TOTAL** ..... 100.00%

\*Contains at least 1.0 x 10<sup>7</sup> colony forming units per gram dry weight.

\*\*Contains at least 5.3 x 10<sup>6</sup> colony forming units per gram dry weight.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

EPA Reg. No.: 68539-10  
EPA Est. No.: 68539-NY-001

Manufactured by:

BioWorks, Inc.  
100 Rawson Road, Suite 205  
Victor, NY 14564  
800-877-9443  
www.bioworksinc.com

**Notification Accepted**

Date: 02/28/2013

Reviewer: J. KAUSCH

4/16

**BW240 G  
BIOLOGICAL FUNGICIDE**

**SUB-LABEL A**

**For Agricultural/Commercial Use**

# BW240 G

## Biological Fungicide

[Alternate Brand Name: RootShield® Plus Granules, RootShield® Plus Granules Biological Fungicide]

Optional Marketing Claim: Biological Fungicide  
Optional Marketing Claim: Granular Formulation

### ACTIVE INGREDIENTS:

*Trichoderma harzianum* Rifai strain T-22\* ..... 1.15%

*Trichoderma virens* strain G-41\*\* ..... 0.61%

**OTHER INGREDIENTS:** ..... 98.24%

**TOTAL** ..... 100.00%

\*Contains at least  $1.0 \times 10^7$  colony forming units per gram dry weight.

\*\*Contains at least  $5.3 \times 10^6$  colony forming units per gram dry weight.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

[See attached label booklet for First Aid, Precautionary Statements, Storage and Disposal Instructions and Directions for Use]

<b>FIRST AID</b>	
<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>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear protective eyewear, long-sleeved shirt and long pants, and shoes plus socks. Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**  
Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

6/16

**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 high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

EPA Reg. No.: 68539-10  
EPA Est. No.: 68539-NY-001

**Manufactured by: BioWorks, Inc.,** 100 Rawson Road, Suite 205, Victor, NY 14564.  
800-877-9443. www.bioworksinc.com

**Net Weight:** \_\_\_\_\_  
**Lot No.:** [lot codes are sticker applied to the front panel of every label on every product container]  
**Expires:** [Use within 6 months of the date of manufacture.]

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

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

No REI is required as this product is soil incorporated, and the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

**PRODUCT INFORMATION**

BW240 G Biological Fungicide is a preventative biological fungicide for control of soilborne plant pathogens and plant root diseases. The active ingredients are microbes, *Trichoderma harzianum* Rifai strain T-22 and *Trichoderma virens* strain G-41, which when applied as an inoculant to soil or to planting mixes, grow onto plant roots as they develop and provide protection against plant root pathogens such as *Pythium*, *Phytophthora*, *Rhizoctonia*, *Fusarium*, *Cylindrocladium* and *Thielaviopsis*.

BW240 G Biological Fungicide can be used in combination with or in rotation with other fungicides, insecticides, miticides, fertilizers or micronutrients in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be used with any product containing a label prohibition against such mixing. This product is not compatible with chemicals that contain the following active ingredients: imazilil, propicanazole, tebuconazole, and triflumizole. Do not apply BW240 G Biological Fungicide immediately before these pesticides are used. Where early season seed rot and seedling diseases are expected, use chemically treated seed or other appropriate measures for stand establishment and BW240 G Biological Fungicide for root disease control.

7/16

Note: BW240 G Biological Fungicide contains live spores of microbes that must be used prior to disease onset. BW240 G Biological Fungicide becomes active in soil or on plants when temperatures are above 50°F and is not effective while temperatures remain cold. BW240 G Biological Fungicide can be applied to sterilized or fumigated soil but must be applied after sterilization or fumigation.

This biological fungicide is for use in soil applications (in soil furrow and potting soil) for all listed crops.

**ATTENTION: DO NOT APPLY to sugarcane, pechay, rice, mushrooms, kiwi, tobacco, barley, oats, lemon, apple, and chickpea. Not for use on aquatic crops.**

**APPLICATION INSTRUCTIONS**

**APPLY VIA GROUND APPLICATION ONLY.**

**CROPS ON WHICH BW240 G BIOLOGICAL FUNGICIDE MAY BE USED:**

CROPS	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
<b>Berries and Small Fruits:</b> Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Huckleberries, Loganberries, Raspberries, Strawberries, Grapes	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Bulb Vegetables:</b> Garlic, Leeks, Onions, Shallots	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Cereal Grains:</b> Buckwheat, Corn (grain, sweet corn, popcorn, high oil)	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Citrus Fruits:</b> Citrus Hybrids, Grapefruit, Kumquat, Limes, Oranges, Pummelos	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Cucurbit Vegetables:</b> Cucumbers, Melons, Gourds Pumpkins, Squash	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Flowers, Bedding Plants, and Ornamentals</b>	In-furrow Greenhouse planting mix Nursery planting mix Nursery bed application	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 1.0 – 3.0 lb / cubic yd soil mix 0.5 – 7.5 lb / 1000 sq ft bed, incorporate with rake or tiller
<b>Fruiting Vegetables:</b> Eggplant, Sweet and Hot	In-furrow Greenhouse planting mix	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix

CROPS	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Peppers, Tomatillos, Tomatoes		
<b>Herbs and Spices</b>  <b>Mints</b>	In-furrow Greenhouse planting mix  In-furrow Greenhouse planting mix	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix  2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix
<b>Leafy and Brassica (Cole) Leafy Vegetables:</b> Arugula, Celery, Chervil, Endive, Fennel, Lettuce (head and leaf), Parsley, Radicchio, Rhubarb, Spinach, Swiss Chard, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens	In-furrow Greenhouse planting mix Nursery bed application	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 0.5 – 7.5 lb / 1000 sq ft bed, incorporate with rake or tiller
<b>Asparagus</b>	In-furrow Greenhouse planting mix Nursery bed application	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 0.5 – 7.5 lb / 1000 sq ft bed, incorporate with rake or tiller
<b>Legume Vegetables (Succulent or Dried):</b> Snap Beans, Lentils, Succulent Peas, Peanuts, Soybeans	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Oilseed Crops:</b> Cotton, Canola, Safflower, Sunflower	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Pome Fruits:</b> Pears, Quince	In-furrow Greenhouse planting mix Nursery planting mix Trees and shrubs	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 1.0 - 3.0 lb / cubic yd soil mix 0.2 – 8.0 oz / transplant hole and incorporate
<b>Root Vegetables:</b> Beets, Sugar Beets, Carrots, Celeriac, Chicory, Horseradish, Parsnip, Radish, Rutabaga, Salsify, Turnips	In-furrow	2.5 – 6.0 lb / ½ acre
<b>Shadehouse and Outdoor Nursery Crops:</b> Deciduous	In-furrow Nursery planting mix	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix



9/16

CROPS	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Trees (i.e. Maple, Oak), Ornamentals, Pine	Nursery bed application  Trees and shrubs	0.5 – 7.5 lb/1000 sq ft bed, incorporate with rake or tiller 0.2 – 8.0 oz / transplant hole and incorporate
<b>Stone Fruits:</b> Apricots, Cherries, Nectarines, Peaches, Plums, Prunes	In-furrow Greenhouse planting mix Nursery planting mix Trees and shrubs	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 1.0 – 3.0 lb / cubic yd soil mix 0.2 – 8.0 oz / transplant hole and incorporate
<b>Tree Nuts:</b> Almonds, Beech Nuts, Brazil Nuts, Butternuts, Cashews, Chestnuts, Filberts, Hickory Nuts, Macadamia Nuts, Pecans, Pistachios, Walnuts	In-furrow Greenhouse planting mix Nursery planting mix Trees	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 1.0 – 3.0 lb / cubic yd soil mix 0.2 – 8.0 oz / transplant hole and incorporate

**IN-FURROW SOIL TREATMENT:** Apply BW240 G Biological Fungicide from a granular applicator at the rate of 2.5-6.0 pounds per half acre. Apply granules using a metering device, such as a Gandy applicator or equivalent, mounted to deliver granules into the furrow just behind the furrow opener. Apply in furrow at seeding or to established crops as a side dress and incorporate into soil.

**GREENHOUSE PLANTING MIX AMENDMENT:** Mix BW240 G Biological Fungicide with planting mixes at a rate of 1-3 pounds per cubic yard (loose) mix. Thoroughly incorporate BW240 G Biological Fungicide into planting mixes during mix preparation or at pot filling.

**NURSERY PLANTING MIX AMENDMENT:** For nursery planting mixes, apply BW240 G Biological Fungicide at the rate of 1-3 pounds per cubic yard (loose) mix. For nursery beds, incorporate at a rate of 0.5-7.5 pounds per 1000 square feet of bed by raking or tilling. Application of irrigation water will help move BW240 G Biological Fungicide into the soil. If soil is fumigated or steam sterilized, apply BW240 G Biological Fungicide after treatment.

**TREES AND SHRUBS:** Apply BW240 G Biological Fungicide to the planting hole at a rate of 0.2 - 8.0 ounces and incorporate into the planting soil or soil mix.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry place. Do not store at temperatures above 75°F for prolonged periods. Keep container tightly closed when not in use.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container.

(10 lb unit packaged in polyethylene bag and placed into corrugated carton) Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If outer box is contaminated, dispose of it in the same manner as required for the bag.

(40 lb bag, 500 lb bag, 1000 lb bag) Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE TO BUYER AND SELLER:** Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions for use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified.

[In Case of Emergency: Call CHEMTREC: (800) 424-9300]

[Country: United States of America]

[Manufactured in the United States of America by: BioWorks Inc.[Company Logo]]

US Patent Pending

11/16

**BW240 G  
BIOLOGICAL FUNGICIDE**

**SUB-LABEL B**

**For Turf Use**

# BW240 G

## Biological Fungicide

[Alternate Brand Name: RootShield® Plus Granules, RootShield® Plus Granules Biological Fungicide, TurfShield® PLUS G, TurfShield® PLUS G Biological Fungicide, TurfShield® PLUS Granules, TurfShield® PLUS Granules Biological Fungicide]

Optional Marketing Claim: Biological Fungicide

Optional Marketing Claim: Granular Formulation

### ACTIVE INGREDIENTS:

*Trichoderma harzianum* Rifai strain T-22\* ..... 1.15%

*Trichoderma virens* strain G-41\*\* ..... 0.61%

**OTHER INGREDIENTS:** ..... 98.24%

**TOTAL** ..... 100.00%

\*Contains at least  $1.0 \times 10^7$  colony forming units per gram dry weight.

\*\*Contains at least  $5.3 \times 10^6$  colony forming units per gram dry weight.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

[See attached label booklet for First Aid, Precautionary Statements, Storage and Disposal Instructions and Directions for Use]

### 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.
- Call a poison control center or doctor for treatment advice.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear protective eyewear, long-sleeved shirt and long pants, and shoes plus socks. Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

03/16

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

EPA Reg. No.: 68539-10  
EPA Est. No.: 68539-NY-001

Manufactured by: BioWorks, Inc., 100 Rawson Road, Suite 205, Victor, NY 14564.  
800-877-9443. www.bioworksinc.com

Net Weight: \_\_\_\_\_  
Lot No.: [lot codes are sticker applied to the front panel of every label on every product container]  
Expires: [Use within 6 months of the date of manufacture.]

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is protective eyewear, coveralls, waterproof gloves, shoes, and socks.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

### PRODUCT INFORMATION

BW240 G Biological Fungicide is a preventative biological fungicide for control of soilborne plant pathogens and plant root diseases. The active ingredients are microbes, *Trichoderma harzianum* Rifai strain T-22 and *Trichoderma virens* strain G-41, which when applied as an inoculant to soil, planting

mixes or turf, grow onto plant roots as they develop and provide protection against plant root pathogens such as *Pythium*, *Rhizoctonia*, *Fusarium*, and *Sclerotinia homeocarpa*.

BW240 G Biological Fungicide can be used in combination with or in rotation with other fungicides, insecticides, miticides, fertilizers or micronutrients in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be used with any product containing a label prohibition against such mixing. This product is not compatible with chemicals that contain the following active ingredients: imazilil, propiconazole, tebuconazole, and triflumizole. Do not apply BW240 G Biological Fungicide immediately before these pesticides are used.

Note: BW240 G Biological Fungicide contains live spores of microbes that must be used prior to disease onset. BW240 G Biological Fungicide becomes active in soil or on plants when temperatures are above 50°F and is not effective while temperatures remain cold. BW240 G Biological Fungicide can be applied to sterilized or fumigated soil but must be applied after sterilization or fumigation.

This biological fungicide is for use in soil applications for all listed crops.

**ATTENTION: DO NOT APPLY to sugarcane, pechay, rice, mushrooms, kiwi, tobacco, barley, oats, lemon, apple, and chickpea. Not for use on aquatic crops.**

**APPLICATION INSTRUCTIONS**

**APPLY VIA GROUND APPLICATION ONLY.**

**CROPS ON WHICH BW240 G BIOLOGICAL FUNGICIDE MAY BE USED:**

CROP	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Turfgrass: Turf, sports fields, parks, established and new preparation of golf course tees, greens, fairways and roughs, seed production, sod production	Early Spring Broadcast to established turf	1.0 – 4.0 lb / 1000 sq ft
	Late Summer/Early Fall Broadcast to established turf	1.0 – 2.0 lb / 1000 sq ft
	New turf seedings	1.0 – 4.0 lb / 1000 sq ft and incorporate

**EARLY SPRING BROADCAST APPLICATIONS TO ESTABLISHED TURF** (*golf course greens, tees, fairways and roughs; sports fields, parks; seed and sod production fields*): Using conventional broadcast application equipment, apply BW240 G Biological Fungicide at 2.0 pounds per 1000 square feet of turf in the early spring. Irrigate soon after application to aid in moving BW240 G Biological Fungicide into the root zone. Apply before disease onset, as a preventative treatment to control the below-ground phases of plant diseases, such as *Pythium*, *Rhizoctonia*, *Fusarium* and *Sclerotinia homeocarpa*. BW240 G Biological Fungicide can be applied directly after aerification, sodding and sprigging. Application of BW240 G Biological Fungicide should be made when turf is actively growing. The initial application should be made when soil temperatures reach 50°F. A second application at 1.0 pound per 1000 square feet of turf should be made 2 – 4 weeks later. Irrigate soon after application to aid in moving BW240 G Biological Fungicide into the root zone. Additional applications of BW240 G Biological Fungicide at 1.0 pound per 1000 square feet of turf every 4-6

15/16

weeks may be needed to maintain effectiveness when conditions favor root disease development. Irrigate soon after application to aid in moving BW40 G Biological Fungicide into the root zone.

**LATE SUMMER/EARLY FALL APPLICATIONS TO ESTABLISHED TURF** (*golf course greens, tees, fairways and roughs; sports fields, parks; seed and sod production fields*): Throughout the late summer and early fall (until approximately 4 weeks before fall dormancy), maintenance applications of BW240 G Biological Fungicide may be made every 4 – 6 weeks at a rate of 1.0 – 2.0 pounds per 1000 square feet of turf.

BW240 G Biological Fungicide is used as a component of a disease management program to control the below ground phase of various turf pathogens. Other components of a disease management program should be used to control foliar phases of diseases.

**NEW TURF SEEDINGS:** Broadcast BW240 G Biological Fungicide at 1-4 pounds per 1000 square feet just prior to or at the time of seeding. Incorporate into the soil surface or cover with mulch along with the grass seed. Application of irrigation water will help move BW240 G Biological Fungicide into the soil.

**SPREADER SETTINGS FOR BW 240 G BIOLOGICAL FUNGICIDE FOR ALL TURF USES**

Spreader Model	1 pound per 1000 square feet	2 pounds per 1000 square feet	3 pounds per 1000 square feet
Wilbur-Ellis CBR11	2	3	4
Scotts R8	F/4	G/4	H/5
Scotts R7X	B	D	F
Scotts Drop Spreader	-	3	4
Prize Lawn	2	3	4
Prize Lawn Big Foot	D	E	E
Cyclone Pro Broadcast	0	3	-
Spyker Pro Broadcast	-	3	-
Lesco Broadcast	B	D	F
Earthway	-	10	13

Note: For rates higher than 3 pounds per 1,000 sq. ft., use a lower spreader setting and make multiple passes.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry place. Do not store at temperatures above 75°F for prolonged periods. Keep container tightly closed when not in use.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container.

(10 lb unit packaged in polyethylene bag and placed into corrugated carton) Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If outer box is contaminated, dispose of it in the same manner as required for the bag.

(40 lb bag, 500 lb bag, 1000 lb bag) Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE TO BUYER AND SELLER:** Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions for use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified.

[In Case of Emergency: Call CHEMTREC: (800) 424-9300]

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