



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 30, 2019

Casey Pehrson
Consultant to BioWorks, Inc. (d/b/a BioWorks)
TSG Consulting
1150 18th Street NW, Suite 1000
Washington, D.C. 20036

Subject: Pesticide Registration Improvement Act (PRIA) Labeling Amendment – Remove the restriction against use on tobacco, remove the allergen-related statements, and make general label updates and corrections, including those requested by the EPA
Product Name: BW240 G Biological Fungicide
EPA Registration Number: 68539-10
Application Date: 01/30/2018
OPP Decision Number: 539342

Dear Ms. Pehrson:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 § CFR 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims

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made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Daniel Schoeff by phone at (703) 347-0143 or via email at schoeff.daniel@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'JKausch', written in a cursive style.

Jeannine Kausch, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

[Text in brackets [] indicates optional language or language intended for explanatory purposes to facilitate label review. Thus, this language will often not appear on final printed labeling. Also, certain pages are present (currently pages 1, 2, and 12) to delineate sub-labels and will not appear on final printed labeling.]

BW240 G

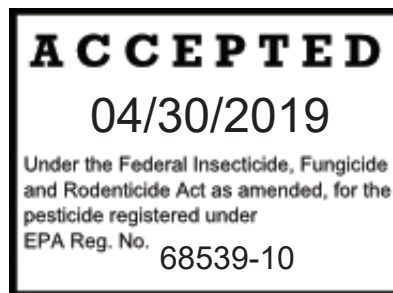
Biological Fungicide

[Alternate Brand Names: 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 1.0×10^7 colony forming units per gram of product.

**Contains at least 5.3×10^6 colony forming units per gram of product.

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, Ste. 205
Victor, NY 14564 800-877-9443
www.bioworksinc.com

**BW240 G
BIOLOGICAL FUNGICIDE**

SUB-LABEL A

For Agricultural/Commercial Use

BW240 G

Biological Fungicide

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

[For Organic Production][For Use in Organic Production][Can Be Used in Organic Production]



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

ACTIVE INGREDIENTS:

Trichoderma harzianum Rifai strain T-22* 1.15%
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*Contains at least 1.0×10^7 colony forming units per gram of product.

**Contains at least 5.3×10^6 colony forming units per gram of product.

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	<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.
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HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For general information on this product, contact the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 a.m. to 12 p.m. Pacific Time, or at <http://npic.orst.edu>. For medical emergencies, call your poison control center at 1-800-222-1222.

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
- Shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate filter with any N, R, or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. 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 clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 washwater or rinsate.

EPA Reg. No.: 68539-10

EPA Est. No.: 68539-NY-001

Manufactured by:

BioWorks, Inc.

100 Rawson Road, Ste. 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]

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 handlers may be in the area during application. For any requirements 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
- Chemical-resistant gloves (made of any waterproof material)
- Shoes plus socks

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, that, 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 most 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: imazalil, propiconazole, 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.

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.

USE RESTRICTIONS

Cover applied product with soil, irrigate with at least 1/8" of water, or otherwise incorporate it into the soil. For certain crop groupings or crops, indicated below, this product is not for use in California.

****ATTENTION: DO NOT APPLY to sugarcane, pechay (bok choy), rice, mushrooms, kiwi, 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
Asparagus **Refer to excluded crops above table	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
Berries and Small Fruits, including: Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Huckleberries, Loganberries, Raspberries, Strawberries, Grapes **Refer to excluded crops above table	In-furrow Container topdress	2.5 – 6.0 lb / ½ acre Use Container Topdress Rates chart below
Bulb Vegetables, including: Garlic, Leeks, Onions, Shallots, Ornamental Bulbs	In-furrow	2.5 – 6.0 lb / ½ acre
Cereal Grains, including: Buckwheat, Corn (grain, sweet corn, popcorn, high oil) **Refer to excluded crops above table	In-furrow	2.5 – 6.0 lb / ½ acre

CROP	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Citrus Fruits, including: Citrus Hybrids, Grapefruit, Kumquat, Limes, Oranges, Pummelos **Refer to excluded crops above table	In-furrow	2.5 – 6.0 lb / ½ acre
Cucurbit Vegetables, including: Cucumbers, Melons (e.g., Chinese Waxgourd, Citron Melon, Muskmelons, or Watermelon), Gourds, Pumpkins, Squash	In-furrow	2.5 – 6.0 lb / ½ acre
Flowers, Bedding Plants, and Ornamentals	In-furrow Greenhouse planting mix Nursery planting mix Nursery bed application Container topdress	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 Use Container Topdress Rates chart below
Fruiting Vegetables, including: Eggplant, Sweet and Hot Peppers, Tomatillos, Tomatoes	In-furrow Greenhouse planting mix Container topdress	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix Use Container Topdress Rates chart below
Herbs and Spices	In-furrow Greenhouse planting mix Container topdress	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix Use Container Topdress Rates chart below
Mints	In-furrow Greenhouse planting mix	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix
Leafy and Brassica (Cole) Leafy Vegetables, including: 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 **Refer to excluded crops above table	In-furrow Greenhouse planting mix Nursery bed application Container topdress	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 Use Container Topdress Rates chart below

CROP	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Legume Vegetables (Succulent or Dried), including: Beans (soybean, snap, dry), Lentils, Peas **Refer to excluded crops above table	In-furrow	2.5 – 6.0 lb / ½ acre
Oilseeds, including: Cotton, Canola, Safflower, Sunflower	In-furrow	2.5 – 6.0 lb / ½ acre
Peanut	In-furrow	2.5 – 6.0 lb / ½ acre
Pome Fruits, including: Pears, Quince **Refer to excluded crops above table	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
Root and Tuber Vegetables, including: Beets, Sugar Beets, Carrots, Celeriac, Chicory, Horseradish, Parsnip, Radish, Rutabaga, Salsify, Turnips, Ornamental Root and Tuber Vegetables Potatoes, Sweet Potatoes, Yams, Jerusalem Artichoke, Cassava, Ginger, *Ginseng	In-furrow	2.5 – 6.0 lb / ½ acre
Shadehouse and Outdoor Nursery Crops, including: Deciduous Trees (e.g., Maple, Oak), Ornamentals, Pine	In-furrow Shadehouse or outdoor nursery use Nursery planting mix Nursery bed application Container topdress Trees and shrubs	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix, incorporate with rake or tiller 1.0 – 3.0 lb / cubic yd soil mix 0.5 – 7.5 lb / 1000 sq ft bed, incorporate with rake or tiller Use Container Topdress Rates chart below 0.2 – 8.0 oz / transplant hole and incorporate

CROP	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Stone Fruits, including: Apricots, Cherries, Nectarines, Peaches, Plums, Prunes	In-furrow Greenhouse planting mix Nursery planting mix Container topdress 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 Use Container Topdress Rates chart below 0.2 – 8.0 oz / transplant hole and incorporate
*Tobacco	In-furrow Greenhouse planting mix Nursery planting mix Container topdress 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 Use Container Topdress Rates chart below 0.2 – 8.0 oz / transplant hole and incorporate
Tree Nuts, including: Almonds, Beech Nuts, Brazil Nuts, Butternuts, Cashews, Chestnuts, Filberts, Hickory Nuts, Macadamia Nuts, Pecans, Pistachios, Walnuts	In-furrow Greenhouse planting mix Nursery planting mix Container topdress 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 Use Container Topdress Rates chart below 0.2 – 8.0 oz / transplant hole and incorporate
*Tropical and Subtropical Fruit Inedible Peel, including: Banana, Plantain, Passionfruit Edible Peel, including: Starfruit	In-furrow Container topdress	2.5 – 6.0 lb / ½ acre Use Container Topdress Rates chart below

* Not for use in California

IN-FURROW SOIL TREATMENT: Apply BW240 G Biological Fungicide from a granular applicator at the rate of 2.5 – 6.0 pounds per ½ 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 1.0 – 3.0 pounds per cubic yard (loose) mix. Thoroughly incorporate BW240 G Biological Fungicide into planting mixes during mix preparation or at pot filling.

CONTAINER TOPDRESS: Apply BW240 G Biological Fungicide evenly to the surface of container medium using the following rates:

Container Topdress Rates

Size	Volume (liters)	Rate (grams per pot)
6" pot	1 - 1.5	1.0
7" pot	2.3	2.0
8" pot	3.4	2.5
8" mum pan	3	2.0
9" mum pan	4.6	3.5
9.5" mum pan	5.8	4.5
8" hanging basket	2.5 - 3	2.0
10" hanging basket	4.7	3.5
12" hanging basket	8.7	6.5
14" hanging basket	15	11
1 gal	3.785	3.0
2 gal	6	5.5
3 gal	11	8.0
5 gal	15	10.5
For larger containers	Topdress 34 grams for every cubic foot of pot volume.	

Equivalent measures: 1 tablespoon = 9 grams, 1 teaspoon = 3 grams

Irrigate after topdressing with at least 1/8" of irrigation water to help move BW240 G Biological Fungicide into the growing medium.

NURSERY PLANTING MIX AMENDMENT, NURSERY BED APPLICATION, AND SHADEHOUSE USE: For nursery planting mixes and shadehouse use, apply BW240 G Biological Fungicide at the rate of 1.0 – 3.0 pounds per cubic yard (loose) mix. For nursery beds, incorporate BW240 G Biological Fungicide at a rate of 0.5 – 7.5 pounds per 1000 square feet of bed by raking or tilling. Application of at least 1/8" 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 or disposal.

PESTICIDE STORAGE: Store in original container under refrigerated conditions. Short periods at room temperatures below 75°F will not affect performance. 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, 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, 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.

WARRANTY: 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.]



US Patent No.: US 9,681,668 B2

**BW240 G
BIOLOGICAL FUNGICIDE**

SUB-LABEL B

For Turf Use

BW240 G

Biological Fungicide

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

[For Organic Lawn Care][For Use in Organic Lawn Care][Can Be Used in Organic Lawn Care]



[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 x 10⁷ colony forming units per gram of product.

**Contains at least 5.3 x 10⁶ colony forming units per gram of product.

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	<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.
<p>HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For general information on this product, contact the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 a.m. to 12 p.m. Pacific Time, or at http://npic.orst.edu. For medical emergencies, call your poison control center at 1-800-222-1222.</p>	

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
- Shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate filter with any N, R, or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. 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 clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 washwater or rinsate.

EPA Reg. No.: 68539-10

EPA Est. No.: 68539-NY-001

Manufactured by:

BioWorks, Inc.

100 Rawson Road, Ste. 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]

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 handlers may be in the area during application. For any requirements 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
- Chemical-resistant gloves (made of any waterproof materials)
- Shoes plus 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, that, 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 most 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: imazalil, 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.

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, including: 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 – 2.0 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: 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. Make the initial application when soil temperatures reach 50°F, and a second application at 1.0 pound per 1000 square feet of turf 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 weeks, through late summer, 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: 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 1.0 – 4.0 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 BW240 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 CBRII	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 application rates higher than 3 pounds per 1000 square feet, use a lower spreader setting and make multiple passes.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container under refrigerated conditions. Short periods at room temperatures below 75°F will not affect performance. 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, 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, 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.

WARRANTY: 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.]



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