

68539-10

7/25/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 25 2013

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

Re: BioWorks, Inc. (BioWorks); BW240 G Biological Fungicide
EPA Registration No. 68539-10
Minor Label ("Fast Track") Amendment and Response to Term of Registration
Submissions Dated 03/11/2013, 03/18/2013, and 07/25/2013
Decision No. 476846

LJRK 07/25/2013

Dear Ms. Aggas:

The U.S. Environmental Protection Agency (EPA) has reviewed your request to amend the subject product registration, which included the following changes to the product label:

- 1) Addition of language that explains the purpose of text (i.e., explanatory to facilitate review or optional) found within brackets and certain other text present to delineate sublabels.
- 2) Removal of all text related to the expiration date (supported by BW240 G Biological Fungicide-specific storage stability data, MRID No. 488841-01) (both sublabels).
- 3) Correction of minor formatting inconsistencies and typographical errors (both sublabels).
- 4) Addition of "bok choi" next to "pechay" for clarification purposes (both sublabels).
- 5) Addition of ornamental bulbs (to the already present bulb vegetables listing) and tuber vegetables as crops (sublabel A only).

CONCURRENCES

SYMBOL	7511P	7511P	7511P				
SURNAME	KAUSCH	Boyer	Chew				
DATE	07/25/2013	7/25/13	7/25/13				

Jamie Aggas
EPA Registration No. 68539-10

- 6) Replacement of certain text in the Pesticide Storage section of the Storage and Disposal box with the following text (supported by BW240 G Biological Fungicide-specific storage stability data, MRID No. 488841-01) (both sublabels):

“Store in original container under refrigerated conditions. Short periods at room temperatures below 75°F will not affect performance.”

- 7) Correction of the BW240 G Biological Fungicide application rate for treatments made in the early spring to established turf from “1.0 – 4.0 lb / 1000 sq ft” to “1.0 – 2.0 lb / 1000 sq ft” (sublabel B only, see table in label). 2
LJRL 07/25/2013

- 8) Clarification of timing of early spring broadcast applications to established turf (sublabel B only).

Additionally, as requested by the EPA in its March 7, 2013 letter, you made changes to the BW240 G Biological Fungicide label, which were supported by a previously submitted storage stability study (MRID No. 488841-01), and, in an acceptable manner, clarified information presented in a previously submitted analysis of samples study (MRID No. 478649-01). You have fulfilled term #4 of the January 23, 2012 BW240 G Biological Fungicide Registration Notice.

All the changes referred to above, submitted in connection with registration under section 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), are acceptable provided that you submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for further description of final printed labeling.

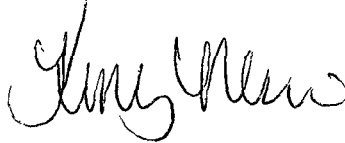
Should you wish to retain the reference to BioWorks' website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 C.F.R. § 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 made on the website may not substantially differ from those claims approved through the registration/amendment process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration/amendment, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions regarding this letter, please contact Ms. Jeannine Kausch by telephone (703-347-8920) or email (kausch.jeannine@epa.gov).

Jamie Aggas
EPA Registration No. 68539-10

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

Sincerely,



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

Enclosures (2):

- BW240 G Biological Fungicide Stamped, Accepted Label
- A-79 Enclosure

4/17

[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 9) 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 dry weight.

**Contains at least 5.3×10^6 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

ACCEPTED

JUL 25 2013

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 68539-10

**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]

[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 1.0×10^7 colony forming units per gram dry weight.

**Contains at least 5.3×10^6 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	<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.
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

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]

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 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.

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, 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.

ATTENTION: DO NOT APPLY to sugarcane, pechay (bok choy), 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
Berries and Small Fruits: Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Huckleberries, Loganberries, Raspberries, Strawberries, Grapes	In-furrow	2.5 – 6.0 lb / ½ acre
Bulb Vegetables: Garlic, Leeks, Onions, Shallots, Ornamental Bulbs	In-furrow	2.5 – 6.0 lb / ½ acre
Cereal Grains: Buckwheat, Corn (grain, sweet corn, popcorn, high oil)	In-furrow	2.5 – 6.0 lb / ½ acre
Citrus Fruits: Citrus Hybrids, Grapefruit, Kumquat, Limes, Oranges, Pummelos	In-furrow	2.5 – 6.0 lb / ½ acre
Cucurbit Vegetables: Cucumbers, Melons, Gourds Pumpkins, Squash	In-furrow	2.5 – 6.0 lb / ½ acre

CROPS	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Flowers, Bedding Plants, and Ornamentals	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 / 1,000 sq ft bed, incorporate with rake or tiller
Fruiting Vegetables: Eggplant, Sweet and Hot Peppers, Tomatillos, Tomatoes	In-furrow Greenhouse planting mix	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix
Herbs and Spices Mints	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
Leafy and Brassica (Cole) Leafy Vegetables: 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 / 1,000 sq ft bed, incorporate with rake or tiller
Asparagus	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 / 1,000 sq ft bed, incorporate with rake or tiller
Legume Vegetables (Succulent or Dried): Snap Beans, Lentils, Succulent Peas, Peanuts, Soybeans	In-furrow	2.5 – 6.0 lb / ½ acre
Oilseed Crops: Cotton, Canola, Safflower, Sunflower	In-furrow	2.5 – 6.0 lb / ½ acre
Pome Fruits: 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

CROPS	USE	APPLICATION RATE OF BW240 G BIOLOGICAL FUNGICIDE
Root and Tuber Vegetables: 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	In-furrow	2.5 – 6.0 lb / ½ acre
Shadehouse and Outdoor Nursery Crops: Deciduous Trees (e.g. Maple, Oak), Ornamentals, Pine	In-furrow Nursery planting mix Nursery bed application Trees and shrubs	2.5 – 6.0 lb / ½ acre 1.0 – 3.0 lb / cubic yd soil mix 0.5 – 7.5 lb / 1,000 sq ft bed, incorporate with rake or tiller 0.2 – 8.0 oz / transplant hole and incorporate
Stone Fruits: 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
Tree Nuts: 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 1.0 – 3.0 pounds per cubic yard (loose) mix. Thoroughly incorporate BW240 G Biological Fungicide into planting mixes during mix preparation or at pot filling.

NURSERY PLANTING MIX AMENDMENT: For nursery planting mixes, 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 1,000 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.

1117

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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, 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, 1,000 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

12/17

**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]

[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 dry weight.

**Contains at least 5.3 x 10⁶ 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	<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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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.

14/17

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]

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 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, 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 (bok choy), 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 – 2.0 lb / 1,000 sq ft
	Late Summer/Early Fall Broadcast to established turf	1.0 – 2.0 lb / 1,000 sq ft
	New turf seedings	1.0 – 4.0 lb / 1,000 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 1,000 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 1,000 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 1,000 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 (*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 1,000 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 1,000 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 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 and 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, 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, 1,000 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]

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US Patent Pending