

81943-3

10-06-2011

1
12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Sherry B. Hutcheson
Director, Regulatory Affairs
Phoenix Environmental Care LLC
P.O. Box 370
Valdosta, GA 31603-0370

OCT - 6 2011

Product Name: T-Bird 85 WDG
EPA Reg. No.: 81943-3
Subject: Your notification dated August 15, 2011: Pesticide Registration
Notice 2007-4 and 98-10
EPA Decision Number: 452021

Dear Ms Hutcheson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 and 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4 and 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Mary L. Waller".

Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

| | | | |
|--|---|---|-----------------------|
|  EPA | United States Environmental Protection Agency Washington, DC 20460 | <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other: Notification | OPP Identifier Number |
|--|---|---|-----------------------|

Application for Pesticide - Section I

| | | |
|--|---------------------------------------|---|
| 1. Company/Product Number 81943--3 | 2. EPA Product Manager Mary Waller | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) T-Bird 85 WDG | PM# 21 | |
| 5. Name and Address of Applicant (Include ZIP Code) Phoenix Environmental Care LLC PO Box 370 Valdosta, GA 31603-0370 <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

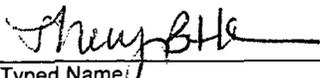
| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application |
| <input checked=""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

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Non-notification of use of Other ingredients in place of Inert ingredients per PR Notice 98-10 and PR Notice 97-6.
 Notification of update of storage and disposal statements per PR Notice 2007-4.
 Notification of update in Warranty statement per PR Notice 98-10 as well as other minor label changes as highlighted.
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulation 40 CFR 156.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

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 If "Yes" Unit Packaging wgt. No. per container | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container | <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) | | |
| *Certification must be submitted | | | | | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container 5 lbs. | | 5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | | | | |

Section - IV

| | | |
|--|--|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application) | | |
| Name Sherry B. Hutcheson | Title Director, Regulatory Affairs | Telephone No. (Include Area Code) 229-245-8356 |
| 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 Director, Regulatory Affairs | |
| 4. Typed Name Sherry B. Hutcheson | 5. Date 06/20/2011 | |

4
12

T-Bird 85 WDG Draft Label
Notification: PR Notice 2007-4 rev. 2
Clean label
August 15, 2011

T-Bird® 85 WDG

Systemic Turf and Ornamentals Fungicide 85% Water Dispersible Granule

ACTIVE INGREDIENT:

Thiophanate-methyl (dimethyl [(1,2-phenylene)-bis
(iminocarbonothioyl)] bis [carbamate])* 85.0%

OTHER INGREDIENTS: 15.0%

TOTAL: 100.0%

*Also known as dimethyl 4,4-o-phenylenebis [3-thioallophanate].

KEEP OUT OF REACH OF CHILDREN CAUTION

| FIRST AID | |
|--|--|
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| 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. |
| If swallowed | <ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call toll free 1-888-875-1724. | |

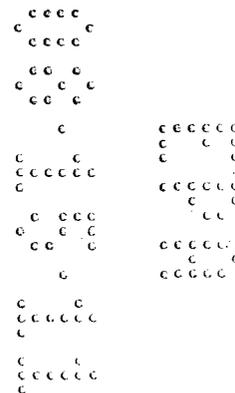
Net Contents: _____ Pounds

Phoenix Environmental Care, LLC
P.O. Box 370 • Valdosta, GA 31603-0370

EPA Reg. No. 81943-3
EPA Est. No. _____

NOTIFICATION

OCT - 6 2011



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust or spray mist. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are nitrile and butyl rubber. If you want more options, follow the instructions for category C, on an EPA chemical-resistance category selection chart.

Handlers mixing, loading and applying the product as a dip must wear:

- Coveralls over long sleeved shirt and long pants,
- Chemical-resistant gloves,
- Chemical resistant footwear plus socks,
- A chemical resistant apron.

All other mixers and loaders and applicators must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand held equipment.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROL STATEMENT

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

DIRECTIONS FOR USE

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

6
72

T-Bird 85 WDG Draft Label
Notification: PR Notice 2007-4 rev. 2
Clean label
August 15, 2011

Not for homeowner use. For use only by certified applicators or those under their immediate supervision. Do not apply with fixed wing or rotary aircraft. Not for use on turf being grown for sale or other commercial use as sod. Do not apply to home orchards/backyard fruit trees. Do not use fruit or nuts from treated ornamental trees for food or feed. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry.

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 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. 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 level (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

- Coveralls over long sleeved shirt and long pants,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for over head exposures.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of 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. DO NOT enter treated areas without protective clothing until spray has dried.

PRODUCT INFORMATION

T-Bird® 85 WDG is a highly effective broad spectrum systemic fungicide for disease control. It is for use on golf course, ornamental turfgrasses, and ornamental plants, shrubs and trees. When used according to the directions on this label T-Bird 85 WDG controls a broad spectrum of turf and ornamental diseases both curative and preventative.

Apply T-Bird 85 WDG with ground equipment only, using sufficient volume of spray to provide thorough coverage. Add required amount of T-Bird 85 WDG to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Continuous agitation is required to keep the material in suspension. Do not tank mix with copper-containing materials or with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied. Use the higher rates under conditions of severe disease pressure. Also, see local State Extension Service recommendations for application schedules.

Chemigation instructions follow Directions for Use. Do not apply through any irrigation system unless these instructions are followed.

cccccc
c c c
c c c
cccccc
c c
c c c c
c
cccccc
c
cccccc
c

T-Bird 85 WDG Maximum Application Rates Table

| Site | Maximum Individual Application Rate per Acre or per 1000 Square Feet | Minimum Retreat Interval in Days | Maximum Seasonal Total of Thiophanate-methyl a.i. | Maximum Seasonal Total of T-Bird 85 WDG per Acre or per 1000 Square Feet |
|------------------------------------|--|----------------------------------|---|--|
| Residential / Public areas | 3.3Lb./Acre or 1.2. oz./1000 Square Feet | 14 Days | 10.88 lbs ai/acre | 12.8 Lb./Acre or 4.7 Oz./1000 Square Feet |
| Golf Course Greens / Tees / Aprons | 9.6 Lb./Acre or 3.53 Oz./1000 Square Feet | 14 Days | 21.8 lbs ai/acre | 25.65 Lb./Acre or 9.42 Oz./1000 Square Feet |
| Golf Course Fairways | 6.42 Lb./Acre or 2.36 Oz./1000 Square Feet | - | 5.45 lbs ai/acre | 6.42 Lb./Acre or 2.36 Oz./1000 Square Feet |
| FL Golf Course Fairways Overseeded | 3.3Lb./Acre or 1.2. Oz./1000 Square Feet | - | 2.72 lbs ai/acre | 3.3Lb./Acre or 1.2. Oz./1000 Square Feet |

*Not for use in California.

ORNAMENTALS (FIELD and GREENHOUSE)

T-Bird 85 WDG is a broad spectrum systemic fungicide which controls a variety of diseases on woody herbaceous ornamental crops. T-Bird 85 WDG is also effective as a preplant dip on cutting and bulbs. T-Bird 85 WDG may be used to control the listed diseases on ornamental fruit and nut trees.

FOLIAR SPRAY

PLANT TYPES AND DISEASES CONTROLLED¹

| DISEASE(S) | PLANT TYPES | |
|---|--|-----------|
| Anthracnose | woody ornamentals, shade trees ² | |
| Ascochyta Blight | herbaceous ornamentals | |
| Black spot | Roses | |
| Botrytis (Gray Mold) | woody and herbaceous ornamentals | |
| Cercospora Leaf Spot | woody and herbaceous ornamentals | |
| Corynespora Leaf Spot | ligustrum | |
| Didymellina Leaf Spot | Iris | |
| Diplodea Tip Blight (<i>Diplodea piea</i>) | shade and ornamental trees | |
| Ovulinia | azalea, rhododendron ³ | |
| Entomosporium Leaf Spot | woody and herbaceous ornamentals | |
| Phomopsis Blight | woody and herbaceous ornamentals | |
| Powdery Mildew | woody and herbaceous ornamentals, ornamental fruit and nut trees | c c c c |
| Ramularia Leaf Spot | herbaceous ornamentals | c c c c c |
| Scab | pyracantha, flowering crab, ornamental fruit and nut trees | c c c c |
| Septoria Leaf Spots | woody and herbaceous ornamentals | c c c c c |

KEY TO NOTES:

- ¹ The re-entry interval for ornamentals is 12 hours.
- ² Begin at bud break and make 2 or 3 additional applications at 10 to 14 day intervals.
- ³ Begin treatment as flowers open. Addition of a surfactant to the spray mixture improves distribution of the spray on hard-to-wet plants such as roses.

FOLIAR SPRAY-HYDRAULIC APPLICATION

Mixing instructions: Add required amount of T-Bird 85 WDG to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension and apply with properly calibrated spray equipment. Apply until leaves glisten, but not to point of runoff.

Application Rates and Timing for Diseases: Begin applications when disease first appears and repeat at 10 to 14 day intervals, during the growing season. Shorten the interval during humid, rainy weather.

Ground Application: Use 0.3 to 0.8 pounds of T-Bird 85 WDG per 100 gallons of water. For control of Powdery Mildew and Botrytis (Gray Mold), use 0.4 pounds of T-Bird 85 WDG per 100 gallons of water.

DRENCH

PLANT TYPES AND DISEASES CONTROLLED

| DISEASE(S) | PLANT TYPES |
|---------------------------------|---|
| Botrytis | herbaceous annuals, perennials and bedding plants |
| Fusarium | herbaceous annuals, perennials and bedding plants |
| Sclerotinia stem, crown & roots | herbaceous annuals, perennials and bedding plants |
| Cylindrocladium rot | woody ornamentals (such as azaleas, rhododendrons, conifers, poinsettias) |
| Thielaviopsis rot | woody ornamentals (such as azaleas, rhododendrons, conifers, poinsettias) |

NOTE: T-Bird 85 WDG does not control Pythium spp. or Phytophthora spp.

Mixing instructions: Add required amount of T-Bird 85 WDG to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Maintain continuous agitation to keep the material in suspension.

Application Rates and Timing for Disease Control: Use 0.4 to 0.8 pounds of T-Bird 85 WDG per 100 gallons of water. Apply as a drench or heavy spray to 800 sq. ft. of bench area (1 to 2 pints per square foot) after transplanting into propagation beds or containers. Repeat at 2 to 4 week intervals during periods favorable for disease.

PREPLANT DIP TREATMENT

PLANT TYPES AND DISEASES CONTROLLED

| DISEASE(S) | PLANT TYPES |
|--|--|
| All diseases listed under drench treatment | plants or cuttings of woody and herbaceous ornamentals |
| Fusarium and Penicillium rots | bulbs (Easter Lily, Tulip, Gladiolus, Daffodil, Iris) |

Application Rates and Timing for Disease Control:

Plants or Cuttings - Use 0.8 pounds of T-Bird 85 WDG per 100 gallons of water, immerse plants or cuttings for 10 to 15 minutes; remove and allow to drain. Wear rubber gloves.

Bulbs - Use 1.4 pounds of T-Bird 85 WDG per 100 gallons of water. Soak cleaned bulbs for 15 to 30 minutes in warm dip (80° to 85°F) preferably within 48 hours after digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat-cured.

**CHEMIGATION
NOT FOR USE IN CALIFORNIA
GENERAL INSTRUCTIONS**

Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.

11
12

APPLICATION INSTRUCTIONS

Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of T-Bird 85 WDG into the irrigation water line so as to deliver the desired rate per acre. The suspension of T-Bird 85 WDG should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing:

NOTE: When treatment with T-Bird 85 WDG has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Conditions of Sale and Limitation of Warranty and Liability

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying and using this product. If the terms are not acceptable, return the product at once, Unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Phoenix Environmental Care, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Phoenix Environmental Care, LLC and Seller harmless for any claims relating to such factors.

Phoenix Environmental Care, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Phoenix Environmental Care, LLC and Buyer and User assume the risk of any such use. To the

