

58185-23



11/02/2007 5818749 1/10  
**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Sheila R. Kendrick  
Manager, Federal Registrations  
Scotts Sierra Crop Protection Company  
14111 Scottlawn Road  
Marysville, OH 43041

NOV 2 2007

Subject: Banrot 8 G Fungicide  
EPA Reg. No. 58185-23  
Your amendment dated October 25, 2007  
EPA Decision Number 321802

Dear Ms Kendrick:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. In the PPE instructions under "Mixers, Loaders...." change "a canister approved pesticides...." to "a canister approved for pesticides"
2. On page 8 under "BROADCAST AND SIDEDRESS APPLICATIONS" change "...to apply recommended amount." to "...to apply specified amount."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

EPA determined that you fulfilled the requirements of the etradiazole RED for the subject product provided the required changes are made to the label. However, we are unable to reregister the product under FIFRA 4(g)(2)(c) at this time since it also contains the active ingredient thiophanate-methyl for which reregistration eligibility decision EPA-HQ-OPP-2005-0284 was signed in November 2004. This product will be reregistered once the data requirements have been satisfied for this product under the thiophanate-methyl RED.

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 (7505P)

Enclosure

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

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NOV 5 2007

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

58185-23

FRONT:

**Banrot 8 G Fungicide  
58185-23**

- For use in commercial greenhouses and nurseries to control damping-off root and stem rot diseases of ornamental and nursery crops caused by pythium and phytophthora.

NET WT. 40.0 lb

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

**FIRST AID**

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: 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 swallowed: Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: 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.

Have a product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency call toll free-  
800-543-8873.

SEE BACK/SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.  
Carefully read and follow attached labeling for directions for use.

**Front Panel (Cont.)****ACTIVE INGREDIENT:**

Etridiazole†.....	3 %
Thiophanate-Methyl†† .....	5 %
<b>INERT INGREDIENTS</b> .....	<u>92 %</u>
<b>Total</b>	<b>100 %</b>

†CAS #2593-15-9

††CAS #23564-05-8

**EPA Reg. No. 58185-23****EPA Est. No. 62171-MS-1**

Distributed by:

Scotts-Sierra Crop Protection Company  
14111 Scottslawn Road  
Marysville, OH 43041

[Note to PM: End of Front Panel]

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION. Causes moderate eye irritation. Avoid contact with eyes.****Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.

Mixers, Loaders, applicators, and other handlers involved in dry applications to potting soil must wear:

- long-sleeved shirt and long pants, and
- socks and shoes
- goggles or face shield
- NIOSH-approved respirator with:
  - an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or
  - a canister approved pesticides (MSHA/NIOSH approval number prefix TC-14G),  
or
  - a NIOSH approved respirator with an OV cartridge or canister with any N<sup>2</sup>, R, P,  
or HE prefilter

In addition, all handlers, except for applicators applying in-furrow, must wear:

- chemical-resistant gloves made of any waterproof material
- NIOSH-approved respirator with:
  - an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or

- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a NIOSH approved respirator with an OV cartridge or canister with any N, R, P, or HE prefilter

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.

### **Engineering Controls**

When all other handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(5)), the handler PPE requirements may be reduced or modified as specified.

### **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**

**THIS PRODUCT IS TOXIC TO FISH.** 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 cleaning equipment or disposing of equipment washwaters. Etridiazole can contaminate surface water through spray drift. Under some conditions, etridiazole may have a high potential for runoff into surface water for several weeks postapplication. These conditions include poorly draining or wet soils with readily visible slopes toward adjacent surface water, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent waters with vegetated filter strips, and areas overlaying tile drainage systems that drain surface water.

### **DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING



## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers 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 interval (REI) of 12 hours.

**INDOOR RESTRICTIONS:** Entry (including early entry that would otherwise be permitted under the WPS) into greenhouses, potting sheds, and other indoor areas by any person – other than a correctly trained applicator who is performing a handling task permitted by the WPS and who is wearing the required handler PPE including a respirator – is **PROHIBITED** in the entire enclosed structure/building from the start of application until application is complete and one of the following ventilation criteria (providing outdoor air) is met: (1) 10 air exchanges; (2) 2 hours of fans or other mechanical ventilation providing outdoor air; (3) 4 hours of vents, windows, or other passive ventilation; (4) 11 hours with no ventilation followed by 1 hour of mechanical ventilation; (5) 11 hours of no ventilation followed by 2 hours of passive ventilation; or (6) 24 hours with no ventilation. After ventilation criteria are met and until the REI expires, do not enter or allow worker entry into treated areas, except as provided in the WPS. Note: after the expiration of the REI whenever etridiazole-treated soil or planting media is being handled or distributed indoors, continuous ventilation of the area is required at a minimum rate of one complete air exchange per hour.

**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:

- coveralls
- socks and shoes
- chemical-resistant gloves made of any waterproof material

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**For use in commercial greenhouses and nurseries only. Use in residential greenhouses or other indoor plant sites is prohibited.**

**Application by hand-held broadcast spreader (belly grinder), push-type spreader, power dust blower, and dispersal by hand is prohibited**

**DRY SOIL MIX:** Incorporate specified amount of BANROT 8 G in each cu. yd. when seeding or transplanting for control of Pythium, Phytophthora, Rhizoctonia, Fusarium, and Thielaviopsis. Overdosage may result in phytotoxicity. If plants are suspected of being sensitive, apply fungicide to a small number to ensure safety. Use in greenhouses and outdoors. Where applicable, incorporate BANROT 8 G **after** steam sterilization of soil mix. For dry soil mix, the maximum application rate for this product must not exceed 12 oz/cubic yard.

**BROADCAST AND SIDEDRESS APPLICATIONS:** Incorporate specified amount of BANROT 8 G. When side-dressing, use sharp sand, calcined clay or similar diluent to achieve good distribution. Open furrow – apply product – close – firm with packer wheel and irrigate to activate. When broadcasting, distribute evenly using a tractor mounted cyclone or drop spreader to apply recommended amount. Harrow or till into the soil to incorporate the granules into the upper 2 to 6 in. of soil.

Thoroughly rinse BANROT 8 G residues out of all equipment after use.

PLANT TYPE		
BEDDING PLANTS		
Ageratum	Dahlia	Petunia
Ajuga	Dusty Miller	Phlox
Alyssum	Gynura	Salvia
Aster	Impatiens	Snapdragon
Balsam	Larkspur	Verbena
Begonia	Marigold	Zinnia
Carnation	Nasturtiums	
Celosia	Pansy	
Coleus		
FOLIAGE PLANTS		

PLANT TYPE	
Aglaonema	Hoya
Aralia	Maranta
Cactus	Nautilocalyx
Caladium	Peperomia
Dieffenbachia	Philodendron
Dracaena	Pilea
Epipremnum	Schefflera
Fern	Syngonium
Ficus	Tradescantia
Fittonia	
<b>CONTAINER &amp; BEDGROWN</b>	
<b>HERBACEOUS</b>	<b>WOODY</b>
African Violet	Acer -- Aucuba
Begonia	Azalea -- Boxwood
Calendula	Camellia -- Cedar
Carnation	Chamaedorea Palm -- Crape Myrtle
Chrysanthemum	Croton -- Euonymus
Coleus	Fatsia -- Ficus
Dahlia	Fir -- Gardenia
Delphinium	Hydrangea -- Ilex
Easter Lily	Ixora -- Juniper
Geranium	Leucothe -- Ligustrum
Gerbera	Photinia
Gloxinia	Pine
Gynura	Pittosporum
Gysophilia	Podocarpus
Ivy	Poinsettia
Kalanchoe	Rhododendron
Lobelia	Spruce
Statice	Taxus
Zygocatus	Thuja

DRY SOIL MIX for BEDDING PLANTS: Mix 8 oz. BANROT 8 G with each cu. yd. of soil mixture.

DRY SOIL MIX for FOLIAGE and CONTAINER & BEDGROWN PLANTS: Mix 12 oz BANROT 8 G with each cu yd. of soil mixture. Ingredients for the soil mix should be free of large lumps and dry enough to prevent agglomeration during mixing. Re-treat as needed with Scotts-Sierra's TRUBAN 30% Wettable Powder, TRUBAN 25%



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Emulsifiable Concentrate or BANROT as indicated under appropriate soil drench directions.

**BROADCAST APPLICATIONS:** Apply 8 to 12 lbs. of BANROT 8 G per 1,000 sq. ft. using a cyclone or drop spreader as follows. After application rake-in or lightly cultivate the soil. When broadcasting, distribute evenly using a tractor mounted cyclone or drop spreader to apply recommended amount. Application by push-type spreaders is not permitted.

Make of Spreader	Desired Rate Per Acre	Desired per 1,000 sq. ft.	Spreader Settings Twice Over	Spread Width
Cyclone	350 lb	8 lb	4.2	6 ½ ft
	520 lb	12 lb	4.6	6 ½ ft
Scotts	350 lb	8 lb	4.5	20 in
	520 lb	12 lb	5.0	20 in

**SIDE-DRESS APPLICATIONS:** Open furrow 8 to 10 in. to the side of the plant to a depth of 4 to 6 in. Band 6 oz of BANROT 8 G per 100 linear ft. using suitable equipment and a diluent. Cover the band and pack firmly. Repeat the operations on the other side of the plant bed. Irrigate to ensure activation of the BANROT 8 G.



