



Banrot[®]

8G

For use in commercial greenhouses and nurseries to control damping-off, root and stem rot diseases of ornamental and nursery crops caused by Pythium, Phytophthora, Rhizoctonia, Fusarium and Thielaviopsis.

GROUP 1 | 14 FUNGICIDES

ACTIVE INGREDIENTS:

Etridiazole[†] 3%
Thiophanate-Methyl^{††} 5%

OTHER INGREDIENTS: 92%
Total 100%

[†]CAS # 2593-15-9

^{††}CAS # 23564-05-8

EPA Reg. No. 58185-23

EPA Est. 70815-GA-001^v

**KEEP OUT OF THE REACH OF
CHILDREN**

CAUTION

See inside booklet for additional
precautionary statements.
Carefully read and follow attached
labeling for directions for use.

If you have questions regarding the use of
this product, call TOLL FREE
1-800-492-8255

Net Weight: 40 lb (18.14 kg)

Manufactured for
Everris NA Inc.
PO Box 3310 • Dublin, OH 43016

Stock #
E950241

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes.

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 1-888-241-6409.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, and natural rubber ≥ 14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves
- A 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 filter

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

Do not apply directly to water or to 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. 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.

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. Do not allow this product to drift.

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 interval (REI) of 12 hours. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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 in outdoor areas, 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 with long-sleeved shirt and long pants
- Chemical-resistant gloves made of any water proof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for over head exposures.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a secure dry place. Do not store near seeds or fertilizer. Keep container closed when not in use.

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 DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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® 8G 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 8G **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 8G. When sidedressing, 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 specified amount. Harrow or till into the soil to incorporate the granules into the upper 2 to 6 in. of soil.

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

Resistance Management Recommendations:

BANROT 8G contains both a Group 1 and Group 14 fungicide. Fungal isolates with acquired resistance to Group 1 and/or Group 14 may eventually dominate the fungal population if Group 1 and/or Group 14 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by BANROT 8G or other Group 1 and/or Group 14 fungicides.

To delay fungicide resistance consider:

- Avoiding the consecutive use of BANROT 8G, or other target site of action Group 1 or 14 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.

- Basing fungicide use on a comprehensive IPM program.

- Monitoring treated fungal populations for loss of field efficacy.

- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

For further information or to report suspected resistance, you may contact Everris at 800-492-8255.

PLANT TYPE RECOMMENDATIONS

BEDDING PLANTS

Ageratum	Coleus	Pansy
Alyssum	Dahlia	Petunia
Aster	Gynura	Phlox
Balsam	Impatiens	Salvia
Begonia	Larkspur	Snapdragon
Carnation	Marigold	Verbena
Celosia	Nasturtiums	Zinnia

FOLIAGE PLANTS

Aglaonema	Ficus
Aralia	Fittonia
Cactus	Maranta
Caladium	Peperomia
Dieffenbachia	Philodendron
Dracaena	Pilea
Epipremnum	Schefflera
Fern	Syngonium

CONTAINER & BEDGROWN

Herbaceous

African Violet	Gerbera
Begonia	Gloxinia
Calendula	Gynura
Carnation	Ivy
Chrysanthemum	
Coleus	
Dahlia	
Delphinium	
Easter Lily	
Geranium	

Woody

Acer	Gardenia
Aucuba	Hydrangea
Azalea	Ilex
Boxwood	Juniper
Camellia	Pine
Cedar	Pittosporum
Chamaedorea Palm	Poinsettia
Crape Myrtle	Rhododendron
Ficus	Spruce
Fir	

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

DRY SOIL MIX for FOLIAGE, CONTAINER and BEDGROWN PLANTS: Mix 12 oz BANROT 8G 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 Everris' TRUBAN® 30 WP, TRUBAN 25 EC or BANROT 40 WP as indicated under appropriate soil drench directions.

BROADCAST APPLICATIONS: Apply 1 1/3 lbs. of BANROT 8G per 1,000 sq. ft. using a cyclone or drop spreader. After application rake-in or lightly cultivate the soil. When broadcasting, distribute evenly using a tractor mounted spreader calibrated to deliver 60 lbs. of product per acre. Application by push-type spreaders is not permitted.

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 8G 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 insure activation of the BANROT 8G.

**DISCLAIMER AND LIMITATION OF LIABILITY
IMPORTANT NOTICE FROM EVERRIS NA INC.
("Everris"). PLEASE READ BEFORE USE.**

To the extent consistent with applicable law, user or buyer accepts the conditions, disclaimer of warranties and limitations of liability. Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once for full refund.

CONDITIONS: The directions for use of this product are believed to be adequate and the user or buyer must always follow the label directions carefully and exercise judgment and caution when using this product under their growing conditions. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, unsatisfactory or substandard results or other unintended consequences may result because of such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Everris. All such risks shall be assumed by the user or buyer.

WARRANTY: This product corresponds to all claims and descriptions set forth on the label and is reasonably fit for the purposes set forth in the directions for use on the label when used in accordance with those directions. This warranty is subject to the conditions and limitations stated herein. Everris recognizes that the rights and remedies of the user or buyer are subject to the provisions of the applicable law, but makes no other warranties or representations, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Everris is authorized to make any warranties beyond those contained herein or to modify the warranties contained therein. Subject to the user's or buyer's rights and remedies under the applicable law, Everris disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: Subject to the user's or buyer's rights and remedies under the applicable law, the exclusive remedy of the user or buyer and the liability of Everris or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid by the user or Buyer for the quantity of this product involved or, at Everris' election, the replacement of the product. To the extent consistent with applicable law, Everris must have prompt notice of any claim so that a timely investigation of buyer's or user's claim can be made. Buyer and all users shall promptly notify Everris of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

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Manufactured for
Everris NA Inc.
PO Box 3310
Dublin, OH 43016
1-800-492-8255
Product of U.S.A.

SPECIMEN LABEL