



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

JAN 3 / 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John A. Francis, Jr.
GRACE SIERRA CROP PROTECTION CO.
1001 YOSEMITE DRIVE
MILPITAS, CA 95035

Subject: Label Amendment Submission of 06/30/93 in Response to PR Notice 93-7
EPA Reg. No. 58185-23
BANROT 8-G FUNGICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

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Subject: Label Amendment Submission of 06/30/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 58185-23
BANROT 8-G FUNGICIDE

The following specific comments pertain to your
WPS labeling submission concerning the product
cited above:

Add the following User Safety Recommendation to the label
in the location shown in Section A on Part I of the Product
Worksheet in Supplement Three-A to PR Notice 93-7: "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."

You have incorrectly located the sentence describing the
exception to the restricted entry interval when
soil-injection or soil-incorporation is used. Move the
exception from its present position on your proposed label
to immediately following the statement(s) establishing the
restricted entry interval inside the Agricultural Use
Requirements box. The soil incorporation exception should be
placed directly beneath the REI statement.

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BANROT®

8. G

Fungicide

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

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
58185-23
with COMMENTS
to EPA Letter Dated
JAN 31 1994

ACTIVE INGREDIENTS:

Etridiazole (5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole*).....	3%
Thiophanate-methyl (Dimethyl [(1,2-phenylene) bis (imino- carbonothioyl)] bis [carbamate]).....	5%
INERT INGREDIENTS	92%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush eyes with water for 15 minutes. Get medical attention.
- IF INHALED:** Induce coughing.
- IF ON SKIN:** Wash off with soap and water. If irritation persists, get medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

* Licensed under U.S. Patent No. 3,260,588 and 3,260,725

EPA REG. NO. 58185-23
EPA EST. NO. 62171-MS-1

6835

40 LB (18 kg)

GRACE / SIERRA
Grace-Sierra Crop Protection Company
1001 Yosemite Drive, Milpitas, CA 95035

BANROT is a registered trademark of Grace-Sierra Crop Protection Company for its brand of fungicide products.

10-92/PP/3000

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. May cause irritation. Do not contaminate feed or food.

Personal Protective Equipment

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Waterproof gloves.

Shoes plus socks.

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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. Do not apply directly to water. 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.

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 interval (REI) of 12 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:

- Coveralls
- Waterproof gloves
- Shoes plus socks

~~NOTE TO USER: Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Do not contaminate feed or food. Keep children and pets out of treated area during application.~~

DRY SOIL MIX: Incorporate recommended amount of BANROT 8 • G in each cu. yd. when seeding or transplanting for control 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 insure safety. Use in greenhouses and outdoors. Where applicable, incorporate BANROT 8 • G after steam sterilization of soil mix.

BROADCAST AND SIDE-DRESS APPLICATIONS: Incorporate recommended 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 cyclone or drop spreader to apply recommended amount. Harrow or till into the soil to incorporate the granules into the upper 2 to 6 inches of soil.

STORAGE AND DISPOSAL

STORAGE: Do not store near seeds or fertilizer. Keep container closed when not in use.

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum cannot be reused, dispose of in the same manner.

See right panel for additional directions for use.

RECOMMENDATIONS

PLANT TYPE	
<p>BEDDING PLANTS</p> <p>Ageratum Impatiens Ajuga Larkspur Alyssum Marigold Aster Nasturtiums Balsam Pansy Begonia Petunia Carnation Phlox Celosia Salvia Coleus Snapdragon Dahlia Verbena Dusty Miller Zinnia Gynura</p> <hr/> <p>FOLIAGE PLANTS & INTERIORSCAPES</p> <p>Aglaonema Hoya Aralia Maranta Cactus Nautilocalyx Caladium Peperomia Dieffenbachia Philodendron Dracaena Pilea Epiperimum Schefflera Fern Syngonium Ficus Tradescantia Fittonia</p>	<p>CONTAINER & BEDGROWN HERBACEOUS</p> <p>African Violet - Begonia - Calendula - Carnation - Chrysanthemum - Coleus - Dahlia - Delphinium - Easter Lily - Geranium - Gerbera - Gloxinia - Gynura - Gypsophila - Ivy - Kalanchoe - Lobelia - Statice - Zygocatus</p> <p>WOODY</p> <p>Acer - Aucuba - Azalea - Boxwood - Camellia - Cedar - Chamaedorea palm - Crape Myrtle - Croton - Euonymus - Fatsia - Ficus - Fir - Gardenia - Hydrangea - Ilex - Ixora - Juniper - Leucothe - Ligustrum - Photinia - Pine - Pittosporum - Podocarpus - Poinsettia - Rhododendron - Spruce - Taxus - Thuja</p>

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

DRY SOIL MIX for FOLIAGE PLANTS & INTERIORSCAPES and CONTAINER & BEDGROWN PLANTS: Mix 16 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 Mallinckrodt's TRUBAN® 30% Wettable Powder, TRUBAN® 25% Emulsifiable Concentrate or BANROT® as indicated under appropriate soil drench recommendations.

BROADCAST APPLICATIONS: Apply 8 to 12 lb 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.

Make of Spreader	Desired Rate Per Acre	Desired Rate Per 1,000 Sq. Ft.	Spreader Settings Twice Over	Spread Width
Cyclone	350 Lb	8 Lb	4.2	6 1/2 ft
	520 Lb	12 Lb	4.6	6 1/2 ft
Scott	350 Lb	8 Lb	4.5	20 in
	520 Lb	12 Lb	5.0	20 in

SIDE-DRESS APPLICATIONS: Open a furrow 8 - 10 inches to the side of the plant to a depth of 4 - 6 inches. 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.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil or potting medium, the disease problem, condition of the crop, incompatibility with other chemicals, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with the directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.