



### Broad Spectrum Fungicide 40% Wettable Powder

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

- Provides systemic and contact activity on:
  - Pythium                    -Rhizoctonia
  - Phytophthora        -Thielaviopsis
  - Fusarium
- Broad spectrum disease control eliminates need for tank mixing separate fungicides.
- Fungicidal, not just fungistatic. Kills, doesn't simply suppress fungi.
- Non-phytotoxic on labeled plants when applied according to directions.
- Long lasting. Fewer applications needed for disease control.
- Limited resistance. Proven safe to plants and effective for over 19 years after continuous use.

#### ACTIVE INGREDIENT:

Etridiazole**	15%
Thiophanate-methyl††	25%

OTHER INGREDIENTS ..... 60%

TOTAL ..... 100%

†CAS #2593-15-9

††CAS #23564-05-8

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

### KEEP OUT OF REACH OF CHILDREN

## DANGER PELIGRO

CORROSIVE, CAUSES EYE DAMAGE AND SKIN IRRITATION  
HARMFUL IF SWALLOWED

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 58185-10

EPA Est. No. 67545-AZ-001

NET WEIGHT: 2 lb (907 g)

(Six 2 lb containers)

Stk# 95725

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#### FIRST AID

**IF IN EYES:** Flush eyes immediately with plenty of water for at least 15 minutes. **Get medical attention.**

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg white, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. **Call a physician immediately.**

**IF INHALED:** Induce coughing immediately.

**IF ON SKIN:** Wash thoroughly with soap and water. If irritation persists, get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

**CORROSIVE!** Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes and on clothing. IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water. GET MEDICAL ATTENTION. Do not contaminate feed or food.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants.
- waterproof gloves.
- shoes plus socks.
- protective eyewear.
- for exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.
- 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 PESTICIDE 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 disposing of equipment washwaters.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not store near heat or open flame.



## 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.

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
- Protective eyewear

## FOR PROFESSIONAL USE ONLY

### Chemigation Information

#### INTRODUCTION

Pesticide labels contain directions for use which are necessary for effecting the purpose for which the product is intended and to protect health and the environment. The following information is intended to decrease environmental risks of pesticide contamination of ground water and will decrease direct human exposure to pesticide treated irrigation water by providing appropriate directions for use.

Apply this product only through pressurized drench (flood), or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation systems.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

## Pressurized Drench (Flood) System

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlocked to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

## Sprinkler Chemigation

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- The pesticide injection pipeline must contain a functional, automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

## Drip (Trickle) Chemigation

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

### General Information

Pesticide supply tanks are recommended for the application of these products. See label instructions for dilution use rates and timing of application. For emulsifiable concentrates - agitate prior to use. For wettable powders - agitate continuously during application.

Since the material is used in an injection proportioner the pesticide is to be applied continuously for the duration of the water application.

BANROT® 40WP is a broad spectrum fungicide for the control of soil borne diseases. It contains the active ingredient of Truban® plus a systemic fungicide for the control of Pythium, Phytophthora, Rhizoctonia, Fusarium and Thielaviopsis. It may be used as a soil drench at the time of seeding and transplanting as well as a periodic drench throughout the plant's life cycle for the control of problem fungi in greenhouses and outdoors.

BANROT® 40WP suspensions in water should be constantly agitated to assure uniform mixing and application. BANROT® 40WP suspensions do not need to be protected from light. Re-application, if necessary, at label recommendation, will not result in buildups, which may cause plant damage. Use at recommended concentrations and rates. Overdosage may result in toxicity to sensitive plants. If plants are suspect of being sensitive, apply fungicide to a small number to insure safety. BANROT® 40WP should not be mixed with other pesticides or nutrients unless adequately trialed first.

Thoroughly rinse BANROT® 40WP residues out of all equipment after use.

PLANT TYPE	REMARKS
<b>BEDDING PLANTS</b> Ageratum Impatiens Ajuga Larkspur Alyssum Marigold Aster Nasturtiums Balsam Pansy Begonia Petunia Carnation Phlox Celosia Salvia Coleus Snapdragon Dahlia Verbena Dusty Miller Zinnia Gynura	<b>BEDDING PLANTS</b> (soil 2" to 3" deep). Mix 4-8 oz. of BANROT with 100 gal. of water and apply to 800 sq. ft. of bed area (equivalent to 1 pint/sq. ft. of soil surface) and use at time of seeding and transplanting. Irrigate immediately with additional water equal to at least half the volume of the fungicidal drench for improved soil penetration of the fungicide. Re-treat at 4 to 8 week intervals if additional applications are necessary.
<b>FOLIAGE PLANTS</b> Aglaonema Hoya Aralia Maranta Cactus Nautilocalyx Caladium Peperomia Dieffenbachia Philodendron Dracaena Pilea Epipremnum Schefflera Fern Syngonium Ficus Tradescantia Fittonia	<b>BENCH PLANTINGS OF TROPICAL FOLIAGE PLANTS</b> (peat and other high organic growing media 6" deep or more). Mix 6-12 oz. of BANROT with 100 gal. of water and apply to 400 sq. ft. of bench area (equivalent to 1 quart/sq. ft. of soil surface). Irrigate immediately with additional water equal to at least half the volume of the fungicidal drench for improved soil penetration of the fungicide. Re-treat at 8 to 12 week intervals to maintain disease control.
<b>CONTAINER &amp; BEDGROWN HERBACEOUS</b> African Violet Gerbera Begonia Gloxinia Calendula Gynura Carnation Gypsophila Chrysanthemum Ivy Coleus Kalanchoe Dahlia Lobelia Delphinium Statice Easter Lily Violet Geranium Zygocatus  <b>WOODY</b> Acer Hydrangea Aucuba Ilex Azalea Ixora Boxwood Juniper Camellia Leucothe Cedar Ligustrum Chamaedorea palm Photinia Crape Myrtle Pine Croton Pittosporum Euonymus Podocarpus Fatsia Poinsettia Ficus Rhododendron Fir Spruce Gardenia Taxus Thuja	<b>BEDGROWN PLANTS</b> Mix 6 to 12 oz. of BANROT with 100 gal. of water per 400 sq. ft. (equivalent to 1 quart/sq. ft. soil surface) or apply in sufficient volume to saturate the soil mixture. Re-treat at 4 to 12 week intervals if necessary.  <b>CONTAINER &amp; BEDGROWN PLANTS</b> Mix 6 to 12 oz. of BANROT with 100 gal. of water per 400 sq. ft. (equivalent to 1 quart/sq. ft. soil surface) or apply in sufficient volume to saturate the soil mixture, such as 1/2 pint per 6" pot. Irrigate immediately with additional water equal to at least half the volume of the fungicidal drench for improved soil penetration of the fungicide. Re-treat at 4 to 12 week intervals if necessary with a 6 to 12 oz. per 100 gal. rate.
<b>COFFEE SEEDLINGS</b> (Propagation) "NOTE: For non-bearing seedlings only. Do not apply after field transplanting and within two years of the first coffee bean harvest. Do not apply to bearing coffee plants."	<b>Prior to sowing seed</b> - Mix 4 ounces (113 grams) of BANROT with 50 gallons (190 liters) of water and apply 1 gallon (3.8 liters) 1.2 square yards (per meter <sup>2</sup> ) two days prior to sowing seeds, thoroughly wetting the planting medium. <b>Seeds previously sown</b> - Mix 3 ounces (85 grams) of BANROT with 50 gallons (190 liters) of water and apply 1 gallon (3.8 liters) 1.2 square yards (per meter <sup>2</sup> ). If seedlings have emerged, follow application immediately by irrigating with additional water equal to at least 1/2 the volume of the fungicidal drench for improved soil penetration and to rinse foliage. Re-treat at 4 to 12 week intervals if necessary.

PLANT TYPE (continued)	REMARKS (continued)
CONTAINERIZED CITRUS SEEDLINGS AND LINERS (Propagation) "NOTE: For non-bearing containerized citrus seedling and liner use only. Do not apply after field transplanting and within two years of the first citrus fruit harvest. Do not apply to fruit bearing citrus trees."	<b>CONTAINER SEEDLINGS</b> Mix 6 ounces (170 grams) of BANROT with 50 gallons (190 liters) of water. Apply 1.7 oz. (50 cc) of this mixture to a 1 quart (1 liter) container. Follow-up application by immediately irrigating with additional water equal to at least 1/2 the volume of the fungicidal drench for improved soil penetration and foliage. Re-treat at 4 to 12 week intervals if necessary.

**CONTAINERIZED SEEDLINGS AND LINERS**

Mix 6-10 oz. of BANROT in 100 gal. water and apply to 800 sq. ft. of bench area (1 pint of solution per sq. ft.) At one and two months after seeding. With seedlings scheduled for planting in ground liner beds and out-of-doors, apply an additional drench, in the greenhouse, 1 to 2 weeks prior to field liner bed planting.

With plants scheduled for replanting to larger containers in greenhouse culture for the budding process, apply an additional drench upon transplanting. Mix 6 to 10 oz. BANROT with 100 gal. of water per 400 sq. ft. Re-treat at 6 to 12 week intervals if necessary. Discontinue any applications 2 months prior to grove planting.

Follow-up all applications by irrigating with additional water equal to at least 1/2 the volume of the fungicidal drench for improved soil penetration and to rinse foliage.

**STORAGE AND DISPOSAL**

**STORAGE:** Not sensitive to light. Stable at normal temperatures and humidities. Store in a dry place in a well-closed container.

**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:** Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT NOTICE:  
DISCLAIMER AND LIMITATION OF LIABILITY.**

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise judgment and caution when using this product under their growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT. The exclusive remedy of the user or Buyer, and the liability of The Scotts Company LLC, Scotts-Sierra Horticultural Products Company or their affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company LLC or Scotts-Sierra Horticultural Products Company.

SPECIMEN