



Truban®

25 EC

Fungicide 25% Emulsifiable Concentrate

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

GROUP 14 FUNGICIDE

ACTIVE INGREDIENT:

Etridiazole† 25%

OTHERS INGREDIENTS*: 75%

Total 100%

†CAS# 2593-15-9

*contains petroleum distillates

This product contains the active ingredient etridiazole at 2.05 pounds per gallon.

EPA REG. NO. 58185-8

EPA EST. 67545-AZ-1^Y; 70815-GA-001^V

Superscript used is first letter of run code on end of container.

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

FIRST AID

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 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.

Have the 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.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

NET CONTENTS: 1 QT. (946 mL)

E950441

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

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

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 G on an EPA chemical resistant category selection chart.

Mixers, loaders and applicators participating in high-pressure handwand sprayer applications must wear:

- coveralls over long-sleeved shirt and long pants,
- chemical-resistant gloves made of barrier laminate or viton (Category G),
- chemical-resistant footwear plus socks,
- 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 N², R, P, or HE prefilter
- chemical-resistant apron when mixing, loading, cleaning equipment.

All other mixers, loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of barrier laminate or viton (Category G),
- 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 N², R, P, or HE prefilter
- Shoes plus socks

Discard clothing or 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 exist, 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/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.

Physical or Chemical Hazards

Combustible. Do not use or 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. Do not allow this product to drift. Do not graze treated areas. Do not feed clippings to livestock. 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.

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 disturbed 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
- Chemical-resistant gloves made of any waterproof material
- Shoes and socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the 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 or allow others to enter area until spray has dried.

CHEMIGATION INFORMATION

Chemigation is prohibited in the state of California.

INTRODUCTION

Pesticide labels contain Directions For Use that are necessary for effecting the purpose for which the product is intended. Further, they protect health and environment from risks of pesticide contamination of ground water and decrease direct human exposure to pesticide-treated irrigation water.

Apply this product only through pressurized drench (flood), sprinkler, 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 any 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.

Should the need arise, 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.

Pressurized Drench (Flood) System

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

- Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- 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.
- Irrigate the crop prior to applying TRUBAN® 25 EC in order to ensure even moisture content over the entire crop.
- Apply TRUBAN 25 EC at the appropriate concentration for the crop and disease(s) targeted.
- Referring to the rate information contained in this label, apply the appropriate volume of fungicide solution to the crop.
- Upon completing the application of the appropriate volume of TRUBAN 25 EC, allow the irrigation system to run long enough to flush the irrigation lines clear of fungicide solution. Do not apply more clear water than is necessary to flush the lines or poor disease control may result.
- 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.

ORNAMENTALS AND NURSERY CROPS

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

TRUBAN® 25 EC is a soil fungicide for the control of damping off, root and stem rot diseases caused by Pythium and Phytophthora. It may be used at time of seeding and transplanting as a drench to control the labeled pathogens in greenhouse and outdoor culture.

TRUBAN 25 EC suspensions in water should be occasionally agitated to assure uniform mixing and application. TRUBAN 25 EC suspensions need not be protected from light. Use at specified rates and concentrations. Overdosage may result in toxicity to sensitive plants. If plants are suspect of being sensitive, apply fungicide to a small number to insure safety. TRUBAN 25 EC should not be mixed with other pesticides or nutrients unless adequately tested first.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Thoroughly rinse TRUBAN 25 EC residues out of all equipment after use.

PLANT TYPE	REMARKS																								
<p>Bedding Plants</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Ajuga</td><td>Larkspur</td></tr> <tr><td>Alyssum</td><td>Marigold</td></tr> <tr><td>Calendula</td><td>Pansy</td></tr> <tr><td>Celosia</td><td>Petunia</td></tr> <tr><td>Cineraria</td><td>Phlox</td></tr> <tr><td>Chrysanthemum</td><td>Salvia</td></tr> <tr><td>Coleus</td><td>Snapdragon</td></tr> <tr><td>Dahlia</td><td>Verbena</td></tr> <tr><td>Dianthus</td><td>Vinca</td></tr> <tr><td>Dusty Miller</td><td>Zinna</td></tr> </table>	Ajuga	Larkspur	Alyssum	Marigold	Calendula	Pansy	Celosia	Petunia	Cineraria	Phlox	Chrysanthemum	Salvia	Coleus	Snapdragon	Dahlia	Verbena	Dianthus	Vinca	Dusty Miller	Zinna	<p>BEDDING PLANTS (soil 2" to 3" deep) Mix 3-4 oz. of TRUBAN® 25 EC with 100 gal. of water and apply to 800 sq. ft. of bed area (1 gal. per 8 sq. ft.) 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.</p>				
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PLANT TYPE (continued)	REMARKS (continued)
<p>Container & Bedgrown</p> <p><u>HERBACEOUS</u> African Violet Chrysanthemum Easter Lily Geranium Gerbera Kalanchoe Poinsettia Sinningia</p>	<p>CONTAINER & BEDGROWN PLANTS Mix 4-8 oz. of TRUBAN® 25 EC with 100 gal. of water per 400 sq. ft. or apply in sufficient volume to saturate the soil mixture, such as ½ 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.</p>
<p>Container & Bedgrown</p> <p><u>WOODY</u> Azalea Boxwood Euonymus Ficus Juniper Maple Pieris Podocarpus Red Pine Rhododendron</p>	

IMPORTANT: If, after using TRUBAN® 25 EC as recommended, treatment is not effective, a tolerant strain of fungus may be present. Consult your local Everris representative or distributor, your State Agricultural Experiment Station or your State Agricultural Extension Service for advice on the prompt use of some other labeled fungicide.

Resistance Management Recommendations

Truban 25 EC contains a Group 14 fungicide. Fungal isolates with acquired resistance to Group 14 may eventually dominate the fungal population if 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 Truban 25 EC or other Group 14 fungicides.

To delay fungicide resistance consider:

- Avoiding the consecutive use of Truban 25 EC, or other target site of action Group 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.

STORAGE AND DISPOSAL

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

PROHIBITIONS: Open dumping is prohibited.

PESTICIDE STORAGE: Not sensitive to light. Stable at normal temperatures and humidities. Store in a secure dry place at temperature above 45 °F (7 °C) in a well-closed container.

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

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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, reconditioning if appropriate; 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.

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.



Manufactured for:

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