

58185-7



3/22/2001

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

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MAR 22 2001

Sheila R. Kendrick
The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: TRUBAN FUNGICIDE
EPA Reg. No. 58185-07
Your Submission Dated February 26, 2001

Dear Ms. Kendrick:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments below.

On page 2 of the labeling, please make the EPA Registration Number and EPA Est. No. more prominent by increasing size and/or boldness.

On page 3 of the label, add a period behind "No" in "EPA Registration No."

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. Please submit one (1) copy of your final printed labeling before you release the product for shipment. An EPA stamped copy is enclosed for your records.

If you have any questions, please contact Summer Gardner-Jenkins of my staff at (703) 308-9353.

Sincerely,

Mary L. Waller
Product Manager 21
Fungicide Branch
Registration Division (7505C)

Enclosure



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

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ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 22 2001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
58185-7

FRONT:

TRUBAN FUNGICIDE
30% WETTABLE POWDER
EPA Reg. No. 58185-7

- For control of damping-off root and stem rot diseases caused by phthium and phytophthora in ornamental and nursery crops.
- For control of phythium blight, damp off, cottony blight, and phythium root and crown rot on ornamental turf.

NET WEIGHT 2 lb (0.9 kg)

KEEP OUT OF THE REACH OF CHILDREN
WARNING AVISO

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.)

FIRST AID

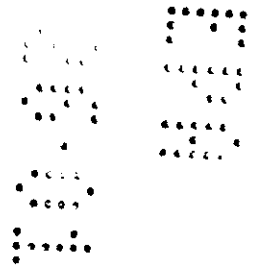
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin: 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 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.

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



Front Panel (Cont.)

ACTIVE INGREDIENT:

Etridiazole† 30 %

INERT INGREDIENTS 70 %

Total 100 %

EPA Reg No 58185-7

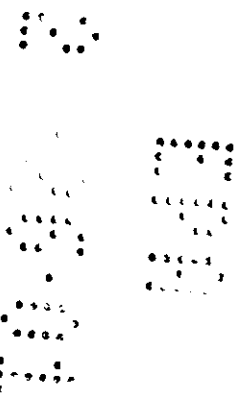
EPA Est. No. 228-IL-1

Distributed by:

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.



PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING! Harmful if swallowed, inhaled, or absorbed through skin. May cause irritation. Avoid breathing spray mist. Avoid contact with skin, eyes and on clothing.

Personal Protective Equipment**Applicators and other handlers must wear:**

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

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical – resistant footwear plus socks
- Protective eyewear
- Chemical – resistant headgear for overhead exposure
- Chemical – resistant apron when cleaning equipment, mixing, or loading
- For exposure in enclosed areas, a (MHSA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MHSA/NIOSH approval number prefix TC-14G), or NIOSH approved respirator with an approved respirator with an organic vapor (OV) cartridge or canister with any N. P. or HE filter.
- For exposures outdoors, a NIOSH approved respirator with any R. P. or HE filter.

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

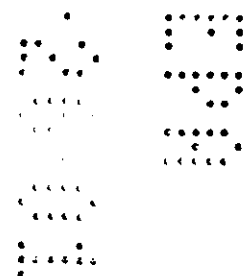
THIS PRODUCT IS TOXIC TO FISH. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not graze treated areas. Do not feed clippings to livestock.

PHYSICAL OR CHEMICAL HAZARDS

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. 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 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.

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.

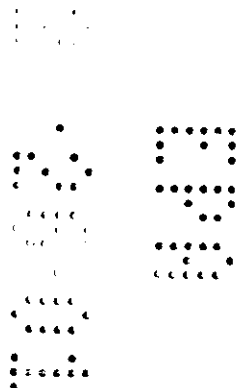
PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of any waterproof material
- Chemical resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure.

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 (40CR 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.



ORNAMENTALS AND NURSERY CROPS

TRUBAN 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 either mixed into the growing medium or as a drench to control the labeled pathogens in green house and outdoor culture.

TRUBAN suspensions in water should be constantly agitated to assure uniform mixing and application. TRUBAN suspensions need not be protected from light. Use at recommended 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. Turban should not be mixed with other pesticides or nutrients unless adequately trialed first.

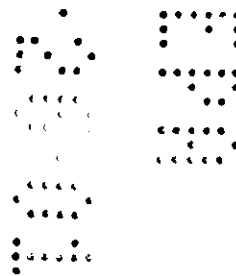
Thoroughly rinse TRUBAN residues out of all equipment after use.

MIXING INSTRUCTIONS

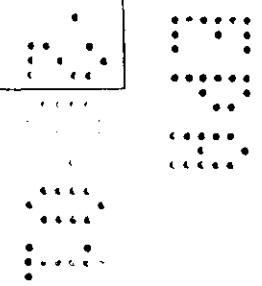
Add the recommended amount of TRUBAN to the partially filled spray tank with the agitation running. TRUBAN suspensions in water should be constantly agitated to assure uniform mixing. TRUBAN suspensions need not be protected from light. Overdosage may result in toxicity to sensitive ornamental plant. If plants are suspected of being sensitive, apply fungicide to a small number to insure safety. Apply uniformly to turf area with a mobile spray boom or other suitable equipment. TRUBAN should not be mixed with other pesticides or nutrients unless adequately trialed first. Thoroughly rinse TRUBAN residues out of all equipment after use.

CHEMIGATION

Refer to supplemental labeling entitled Chemigation Information for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.



PLANT TYPE			REMARKS
BEDDING PLANTS Ageratum Coleus Petunia Alyssum Dahlia Portulaca Aster Dianthus Salvia Balsam Foxglove Snapdragon Begonia Impatiens Stokesia Calendula Larkspur Verbena Carnation Marigold Vinca Celosia Pansy Zinnia			BEDDING PLANTS (soil 2" to 3" deep). Mix 4-6 oz. of TRUBAN 30% WP 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.
FOLIAGE PLANTS Aglaonema Peperomia Anthurium Philodendron Brassia Pilea Caladium Pothos Chinese Evergreen Zygocactus Dieffenbachia Echeveria Nephthytis			BENCH PLANTINGS OF TROPICAL FOLIAGE PLANTS (peat and other high organic growth media 6" deep or more). Mix 8-12 oz. of TURBAN 30% WP 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. Retreat at 8 to 12 week intervals to maintain disease control. BEDGROWN PLANTS Mix 3 to 10 oz. of TURBAN 30% WP with 100 gal. of water per 400 sq. ft. (equivalent to 1 quart/sq. ft. of soil surface) or apply in sufficient volume to saturate the soil mixture. Re-treat at 4 to 12 week intervals if necessary.
CONTAINER & BEDGROWN HERBACEOUS African Violet Geranium Begonia Gerbera Calceolaria Gysophilia Carnation Heather Chrysanthemum Orchids Daphne Sinningia Easter Lily Statice			CONTAINER & BEDGROWN PLANTS Mix 3 to 10 oz. of TURBAN 30% WP with 100 gal. of water per 400 sq. ft. (equivalent to 1 quart sq. ft. of 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.
WOODY Arborvitae Juniper Poinsettia Arcostaphyfos Laurel Rhamnus Camellia Leucothoe Rhododendron Carissa Ligustrum Southern Pine Ceanothus Magnolia Western Pine Fir Norfolk Island Yew Hemlock Pine			



TURF

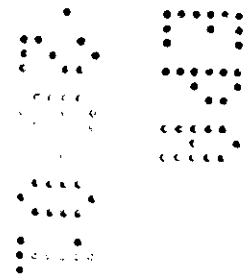
DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

For use on golf course greens and tees only.

TRUBAN is intended for use on ornamental turf. TRUBAN may be used on established turf to prevent or control of Pythium blight (cottony blight, grease spot) and Pythium Root and Crown Rot. It may be used at time of seeding to control damping off. Night temperatures above 65°F (18.3°C) with high humidity are favorable for Pythium development.

TURF TYPE/DISEASES	REMARKS
Established Turf <ul style="list-style-type: none"> • For Pythium blight (cottony blight, grease spot) 	Mix 2-4 ½ oz. of TRUBAN 30% WP with 5 gal. of water for each 1,000 sq. ft. of turf to be treated. Use 2 oz./1,000 sq. ft. when disease incidence is expected to be light and 4 ½ oz./1,000 sq. ft. more severe conditions. Re-treat in 10 days, depending on climatic conditions, to maintain disease control.
Established Turf <ul style="list-style-type: none"> • For Pythium Root and Crown Rot 	Mix 4 ½ oz. of TRUBAN 30% WP with 5 gal. of water for each 1,000 sq. ft. Drench (irrigate) the treated area immediately following applications to increase performance. During periods of high daytime temperatures (90°-95°F) apply TRUBAN 30% WP in early morning or late afternoon. Re-treat in 10 days, depending on climatic conditions, to maintain disease control.
Newly Seeded Turf <ul style="list-style-type: none"> • For damping-off 	Apply 4 ½ oz. of TRUBAN 30% WP in 5-10 gal. of water immediately after seeding. Irrigate promptly for improved soil penetration of the fungicide and to initiate seed germination. Re-treat at 10 day intervals at the 2-4 ½ oz. rate in order to maintain a preventative disease control program after germination.

TRUBAN does not afford broad spectrum fungus disease control for brown patch (*rhizoctonia solani*), dollar spot (*Sclerotinia homoeocarpa* or *Rutstroemia*, *Lanzia*, or *Moellerodiscus*), copper spot (*Gloeocercospora sorghi*), and similar turf diseases. A fungicide program to control these diseases should be followed if they co-exist with Pythium blight. Use FUNGO, DUOSAN or VORLAN to control a broad spectrum of diseases other than Pythium.



IMPORTANT:

Application to fairways is prohibited.

The maximum application rate for golf course tees and greens may not exceed 4.5 oz /1000 ft²/application and may not exceed 11 oz /1000 ft²/year.

The interval between applications to golf course tees and greens may not be less than 10 days.

STORAGE AND DISPOSAL

STORAGE: Not sensitive to light. Stable at normal temperatures and humidities. Store in a dry place at temperature above 45°F (7°C) 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 the 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 on ornamentals, nursery crops and turfgrasses. However, it is understood that tests may not have been carried out on all varieties under all growing conditions on all plants listed on this label. The user should always follow the label directions and exercise his judgement and caution when using the product on a given variety until familiar with the results under his growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE.** The exclusive remedy of the user and Buyer, and limit of liability of either The Scotts Company or its affiliates, for any and all losses, injuries and 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.

