

Reg # 58185-13

PM-25

File

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

FEB 23 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John A. Francis, Jr.
GRACE-SIERRA CROP PROTECTION CO.
REGULATORY AFFAIRS DEPT
1001 Yosemite Drive
Milpitas, CA 95035

Subject: Label Amendment Submission of 06/30/93 in Response to PR Notice 93-7
EPA Reg. No. 58185-13
TRUBAN FUNGICIDE

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

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 listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



Recycled/Recyclables
Printed with Soy/Canola
contains at least 50%

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the 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 neither been reviewed nor 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:

Submit the required notification. Then 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 as amended

AND

- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

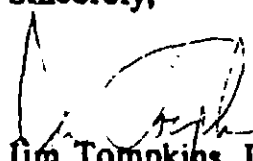
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Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

John A. Francis, Jr.
GRACE-SIERRA CROP PROTECTION CO
REGULATORY AFFAIRS DEPT
1001 YOSEMITE DR
MILPITAS CA 95035

Comment for: EPA Reg Nr.58185-13
TRUBAN FUNGICIDE

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

The footwear requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks." The exact location is shown in Sections A and B on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7

The respirator requirement for "mixers and loaders" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)" under "Mixers and Loaders must wear:". The exact location is shown in Sections A and C on Part 1 of the Product Worksheet in Supplement Three A to PR Notice 93-7. A D/M respirator is required as PPE for mixers/loaders.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

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TRUBAN®

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FUNGICIDE

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

ACTIVE INGREDIENT

5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole* 5%

INERT INGREDIENTS 95%

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 23 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
58185-13

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES, Flush eyes with plenty of water. Call a physician if irritation persists.

IF INHALED, Remove victim to fresh air.

IF ON SKIN, Remove contaminated clothing and wash skin with plenty of soap and warm water.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

EPA REG. NO. 58185-13

EPA EST. NO. 228-IL-1

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GRACE / SIERRA

Crop Protection Company
1001 Yosemite Drive, Milpitas, CA 95035

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Mixers, loaders and applicators, when mixing, loading and applying must wear chemical resistant gloves, protective boots or overshoes, long sleeved shirt and long pants (or coveralls). Leather or fabric gloves are not acceptable. Do not handle or apply product with bare hands. A dust mask must be worn when mixing and loading this product. Do not handle treated soil with bare hands. Workers planting in treated soil must wear waterproof gloves. Only the applicator is permitted to be in the greenhouse during application to soil. Open vents to greenhouse during application and at least for 1 hour after application. Clothing worn while loading, mixing and applying this product must be laundered separately from other clothing before reuse. Rinse gloves with water before taking them off, then wash your hands. Check gloves for cuts or holes. If the gloves are damaged, dispose of properly, and get a new pair.

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.
- 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 contaminate water when disposing of equipment washwaters, do not apply directly to 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). 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

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that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

DRY SOIL MIX: Incorporate recommended amount of TRUBAN 5 • G in each cu. yd. when seeding or transplanting for control of damping-off and root rot diseases, caused by Pythium and Phytophthora. 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 TRUBAN 5 • after steam sterilization of soil mix.

BROADCAST AND SIDE-DRESS APPLICATIONS:

Incorporate recommended amount of TRUBAN 5 • 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 in. 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: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

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RECOMMENDATIONS

PLANT TYPE			
BEDDING PLANTS			
Ageratum	Carnation	Impatiens	Salvia
Alyssum	Celosia	Larkspur	Snapdragon
Aster	Coleus	Marigold	Stokesia
Balsam	Dahlia	Pansy	Verbena
Begonia	Dianthus	Petunia	Vinca
Calendula	Foxglove	Portulaca	Zinnia
FOLIAGE PLANTS			
Aglaonema	Chinese Evergreen	Epipremnum	Philodendron
Anthurium	Dieffenbachia	Nepthytis	Zygocactus
Brassaia	Dracaena	Peperomia	
Caladium	Echeveria	Pilea	
CONTAINER & BEDGROWN			
HERBACEOUS		WOODY	
African Violet		Arctostaphylos	
Begonia		Azalea	
Calceolaria		Camellia	
Carnation		Carissa	
Chrysanthemum		Ceanothus	
Easter Lily		Cornus	
Geranium		Ficus	
Gerbera		Fir	
Gloxinia		Hemlock	
Gypsophilia		Ilex	
Orchids		Juniper	
Sinningia		Leucothoe	
		Magnolia	
		Poinsettia	
		Rhamnus	
		Southern Pine	
		Western Pine	

DRY SOIL MIX for BEDDING PLANTS: Mix 5 oz. TRUBAN 5 • G with each cu. yd. of soil mixture.

DRY SOIL MIX for FOLIAGE and CONTAINER & BEDGROWN PLANTS: Mix 10 oz. TRUBAN 5 • 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 Grace-Sierra's TRUBAN® 30% Wettable Powder. TRUBAN® 25% Emulsifiable Concentrate or BANROT® as indicated under appropriate soil drench recommendations.

BROADCAST APPLICATIONS: Apply 6 to 8 lb. of TRUBAN 5 • G per 1,000 sq. ft. using a cyclone or drop spreader as follows: After application rake-in or lightly cultivate the soil.

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Make of Spreader	Desired Rate Per Acre	Desired Rate Per 1,000 Sq. Ft.	Spreader Settings Twice Over	Spread Width
Cyclone	260 Lb.	6 Lb.	3.8	6 1/2 Ft.
	350 Lb.	8 Lb.	4.2	6 1/2 Ft.
Scott	260 Lb.	6 Lb.	4.0	20 in.
	350 Lb.	8 Lb.	4.5	20 in.

SIDE-DRESS APPLICATIONS: Open a furrow 8 to 10 in. to the side of the plant to a depth of 4 to 6 in. Band 4 oz. of TRUBAN 5 • 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 TRUBAN 5 • 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 not specifically recommended, 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.

TRUBAN® is a registered trademark of Grace-Sierra Crop Protection Company for its brand of Fungicide products.

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