



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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P. O. Box 549
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Subject: Label Amendment Submission of 11/01/93 in Response to PR Notice 93-7
EPA Reg. No. 41014-6
TERRANENB SP TURF 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/Candis Ink on paper that
contains at least 50% recycled fiber

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Michael H Watts
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BOX 549
NITRO, WV 25143

Comment for: EPA Reg Nr.41014-6
TERRANEB SP TURF FUNGICIDE

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

The requirement under the heading "Personal Protective Equipment" must state: "Applicators and other handlers must wear:". Cross out your lead-in statement and replace it with correct one. EXCEPTION: If you have an entirely separate PPE section specifying what "Mixers and loaders must wear", the requirement under the heading "Personal Protective Equipment" must state: "Applicators and other handlers (other than mixers and loaders) must wear:". Cross out your lead-in statement and replace it with the correct one.

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

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



ACCEPTED
with COMMENTS
in EPA Letter Dated
2/4

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

41014-6

TERRANE^B SP

TURF / ORNAMENTAL **FUNGICIDE**

ACTIVE INGREDIENT:

Chloroneb (1,4-dichloro-2,5-dimethoxybenzene) 65%

INERT INGREDIENTS 35%

EPA Reg. No. 41014-6

EPA Establishment No. 41014-TN-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Call a Physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash thoroughly with soap and water.

IF IN EYES: Flush with plenty of water.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight: 25 Lbs.

BEST AVAILABLE COPY

Made in U.S.A.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS &
DOMESTIC ANIMALS

Precautionary Statements: Caution - Harmful if swallowed. Avoid breathing dust. Avoid contact with skin, eyes or clothing. ~~Wash the hands thoroughly after handling.~~ *delete*

Personal Protective Equipment: Handlers who may be exposed to the dilute through application or other tasks must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

User Safety Recommendations: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, 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 by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

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

Storage: Reclose container after each use. Store in a cool, dry place away from food or feed. If spilled, sweep up and dispose of below.

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 bag, then dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

BEST AVAILABLE COPY

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.

BEST AVAILABLE COPY

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 restrictive-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

NOTICE; Do not graze or feed clippings from treated areas to livestock.

TURF DISEASES

Typhula Blight (Gray Snow Mold) - For control of Typhula Blight, apply 6 to 9 ozs. TERRANEB SP per 1000 sq. ft. in sufficient water to give complete coverage, usually 3 to 5 gallons. Apply as a spray as late in the fall as possible prior to snowfall.

Pythium Blight (Cottony Blight) and Sclerotium Blight - For control of Pythium Blight and Sclerotium Blight on established turf, apply TERRANEB SP as a preventative at a rate of 4 ozs. per 1000 sq. ft. in 3 to 5 gallons of water. Apply during periods of high temperature and humidity favorable to the development of the diseases. Repeat in 5 to 7 days if conditions persist.

For control on new seedlings, apply TERRANEB SP at the rate of 4 ozs. per 1000 sq. ft. following emergence. If conditions remain favorable to the development of the diseases, repeat in 7 to 10 days.

Rhizoctonia Blight (Brown Patch) - For warm season lawns and turfs (such as zoysiagrass, St. Augustine, bermudagrass and similar grasses) apply in the fall or spring at the first signs of infection. Mix 5 ozs. TERRANEB SP in 10 to 15 gallons water to thoroughly cover 1000 sq. ft. Make a second application in 3 to 4 weeks if the disease is severe or reappears.

For cool season lawns and turf (such as creeping bentgrass, annual bluegrass, fescue and similar grasses) apply at the first signs of infection. Mix 3 to 4 ozs. TERRANEB SP in 3 to 5 gallons water to thoroughly cover 1000 sq. ft. Reapply every week to 10 days during warm, damp weather.

PERNS AND ORNAMENTALS

Apply this product only through solid set or overhead sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform 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.

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the reservoir tank of at least twice the inside diameter of the fill pipe.

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, or in cases where there is no water pump, 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.

LEATHERLEAF AND SIMILAR FERNS

Maintenance Spray - To control Rhizoctonia Blight, mix thoroughly 3 pounds TERRANE SP in 40 to 50 gallons water to spray one

acre. Before injecting the TERRANEB SP mixture into the chemigation system, run the system long enough to wet the foliage. Inject the TERRANEB SP mixture into the system and continue spraying to run-off. Repeat in one month; during periods favoring the development of the fungi, repeat at two week intervals.

Outbreak Spray - For spot areas where severe disease outbreaks occur, mix thoroughly 6 pounds TERRANEB SP in 40 to 50 gallons water to spray one acre and proceed as outlined for Maintenance Spray.

ORNAMENTALS

To control *Cylindrocladium* Cutting Rot on miniature roses, azaleas, and similar ornamentals use the same dosage rates and procedures as given above for ferns.