

PM22 1812-351

File

United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 13 1993

L Vernon White
GRIFFIN CORPORATION
BOX 1847
VALDOSTA GA 31603

Subject: Label Amendment Submission of 06/14/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 1812-351
PRO-TEX

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

GRIFFIN CORPORATION

PRO-TEX

1812-351 06/14/93

Original Submission

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

The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

RESTRICTED USE PESTICIDE

Because of the high acute toxicity of triphenyltin hydroxide and its potential for affecting fetal development, this product may be applied only by certified applicators or persons directly under their supervision.

PRO-TEX™

Active Ingredients:

Maneb (Manganese Ethylenebisdithiocarbamate)	32.63%
(Equivalent to manganese metallic 11.34%)	
Triphenyltin hydroxide	4.72%
Inert Ingredients	<u>62.65%</u>
Total	100.00%

**THIS PRODUCT CONTAINS 3.5 LBS. OF MANEB PER GALLON
AND 0.5 LBS. OF TPTH PER GALLON**

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

POISON

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 13 1993

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

1812-351

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

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician.

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Call a physician or Poison Control Center.

~~**PRECAUCIONAL AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.**~~

Griffin Corporation
Valdosta, GA 31601

EPA Reg. No. 1812-351
EPA Est. No. 1812-GA-3

Net Contents 2½ Gallons

BEST AVAILABLE COPY

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)
DANGER - PELIGRO**

~~Precautionary statements:~~ Fatal if inhaled. Corrosive, causes irreversible eye damage. May be harmful or fatal if swallowed or absorbed through the skin. Do not get in eyes, or on skin. Do not rub eyes or mouth with hands. Do not breathe vapor or spray mist. ~~Keep all unprotected persons, children, livestock, and pets away from treated area or where there is danger of drift. Do not enter or allow entry into treated areas or areas where there is a danger of drift without appropriate protective clothing equivalent to that worn by the applicator (see Personal Protective Equipment) for 24 hours after treatment.~~

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- coveralls over long-sleeved shirt and long pants
- waterproof gloves
- chemical-resistant footwear plus socks
- protective eyewear
- chemical-resistant headgear for overhead exposure
- chemical-resistant apron when cleaning equipment, mixing, or loading

For exposures outdoors:

Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

For exposures in enclosed areas:

A respirator with either an organic vapor-removing cartridge with prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the 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.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

The closed systems or enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6). The handler PPE requirements may be reduced or modified as specified in the WPS.

~~Human Sprayers must be in enclosed cabs.~~

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.~~

~~Handlers (Mixers, Loaders, Applicators) and Early Re-entry Workers must wear the following protective clothing and equipment: cotton coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves (including neoprene-coated, butyl rubber and nitrile rubber) hat, boots, socks, goggles or a face shield and a pesticide respirator jointly approved by the Mine Safety and Health Administration (MSHA—formerly the Mining Enforcement and Safety Administration) and the National Institute for Occupational Safety and Health. Goggles, face shield or safety glasses must be worn when applying this product not just when handling. When handling the concentrated product, wear a chemical-resistant apron and a face shield.~~

~~During application from a completely enclosed cab with positive pressure filtration or an enclosed cockpit for aerial application a long-sleeved shirt and long pants may be worn in place of the above protective clothing. Chemical resistant gloves must be available in the cab or cockpit and worn while existing. The cab or cockpit must be equipped with a sealable container for glove storage to prevent contamination of the inside of the cab or cockpit.~~

The United States Environmental Protection Agency has determined that triphenyltin hydroxide, one of the active ingredients of this product, affects fetal development in laboratory animals. Exposure to this product during pregnancy should be avoided.

~~**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before eating, smoking or drinking. Always wash hands and arms with soap and water before using the toilet.~~

~~After work take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Wear only clean clothes. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment damaged must be destroyed according to state and local regulations.~~

~~DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.~~

~~During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.~~

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters.

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.

RE-ENTRY STATEMENT

~~Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

~~Do not enter treated areas or areas without protective clothing equivalent to that worn by the applicator (see Personal Protective Equipment) for 24 hours after treatment.~~

~~Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.~~

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Indicate specific oral warnings which inform workers of areas or fields that may not be entered without protective clothing equivalent to that worn by the applicator (see Personal Protective Equipment) for 24 hours after treatment and appropriate actions to take in case of accidental exposure. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER. Area treated with TPTH and Maneb on (date of application). Do not enter treated areas without protective clothing equivalent to that worn by the applicator (see Personal Protective Equipment) for 24 hours after treatment. In case of accidental exposure consult your nearest Poison Control Center.~~

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 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), notification to workers and restricted-entry intervals. 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 48 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 over long-sleeved shirt and long pants
- waterproof gloves
- chemical-resistant footwear plus socks
- protective eyewear
- chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or 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.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

DIRECTIONS FOR USE AS A SPRAY

Pro-Tex Fungicide can be applied as a ground or aerial spray to control fungal infestations on listed crops. A mechanical transfer system is required for all mixing and/or loading of this product. A "mechanical transfer system" is defined as a mechanism capable of removing the pesticide from the shipping container and transferring the pesticide into mixing tanks and/or application equipment t.

prevent worker exposure to the pesticide. A closed system is required for aerial application. The closed system for mixing and/or loading this product must be capable of removing the pesticide from the shipping container, rinsing the container and transferring the pesticide and rinsate into mixing tanks and/or application equipment. Application rates are for general use and must not be exceeded. The state agricultural extension or agricultural experiment station specialists should be consulted for specific applications and timing recommendations. With any spray application thorough coverage is essential for good control. Do not apply this product through any type of irrigation system except for use on potatoes. See chemigation information below. ~~During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.~~ If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season. Apply this product only as specified on this label.

GENERAL CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). 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.

For specific information about calibration, contact State Extension Service specialists, equipment manufacturers or other irrigation experts.

Do not connect an irrigation system 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.

~~This sign is in addition to any sign posted to comply with the Worker Protection Standard.~~

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements. ~~Treated areas may not be reentered without protective clothing equivalent to that worn by the applicator for 24 hours after treatment.~~ Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed

sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

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 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.

When mixing, fill nurse tank half full with water. Add Pro-tex slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

Pro-tex should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or hand moved irrigation systems. Agitation is recommended.

GENERAL INSTRUCTIONS FOR APPLICATION

CROP	DISEASE	QTS. / ACRE	USE INSTRUCTIONS
Potatoes	Early and Late Blight	0.75 - 1.5	<p>GENERAL: Applications should begin with the appearance of blight weather conditions and continue on a seven (7) day schedule. The lower rate of application should be used early in the season and the high rate mid to late season or when blight infection is in the area. Do not apply within 21 days of harvest. Do not exceed 6 qts./acre per growing season. It is recommended that this product be used with an INTEGRATED PEST MANAGEMENT PROGRAM. Vine kill should occur 14 days before harvest.</p> <p>GROUND: (Closed Cabs Only) Apply in at least 15 gallons of water. Full coverage of the foliage is necessary for the best results. Diluted spray should be directed uniformly to all parts of the plant and the gallonage increased according to the size of the plants.</p> <p>AERIAL: Apply in 3-10 gallons of water. For helicopter application fly high enough so as not to whip the vines.</p>
Sugar Beets	Cercospora Leafspot	1.0 - 1.8	<p>GENERAL: Use the lower gallonage when plants are small and increase volume with plant size. Use the lower rate for protective sprays and the higher rates later in the season or during high infection periods. Application should begin when leafspot conditions appear or when the disease is in the area. Repeat at 10-14 day intervals. Do not exceed 6 qts./acre per growing season. Do not treat within 21 days of harvest. Do not graze or feed treated beet tops to livestock.</p> <p>GROUND: (Closed Cabs Only) Apply in at least 15 gallons of water. Full coverage of the plant is necessary for best results.</p> <p>AERIAL (helicopter or fixed wing aircraft): Apply in 5-10 gallons of water</p>

WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use of handling of this product. All such risks shall be assumed by the Buyer. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.