

PM 22 1812-244  
United States Environmental Protection Agency  
Washington, D.C. 20460

File  
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OCT 13 1993

Office of  
Prevention, Pesticides and  
Toxic Substances

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. 1812-244  
SUPER TIN 4L

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)

2 9 10  
Office of Pesticide Programs (H-7504C)  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460-0001

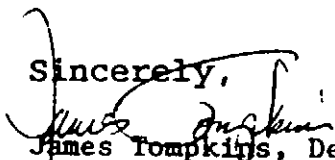
Hand or courier deliveries of final labels may be made to:

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

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,

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

GRIFFIN CORPORATION  
SUPER TIN 4L  
1812-244 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 Requirement section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

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**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.

**Super Tin 4L<sup>®</sup>**

Triphenyltin Hydroxide Flowable Fungicide

Active Ingredient:		
Triphenyltin hydroxide	.....	40.0%
Inert Ingredients	.....	60.0%
Total:	.....	100.0%

Contains 4 pounds triphenyltin hydroxide per gallon.

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

**05T 13 1993**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1812-244

**POISON**

**STATEMENT OF PRACTICAL TREATMENT**

**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).**

**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.

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

**GRIFFIN CORPORATION**  
Valdosta, Georgia 31601

EPA Reg. No. 1812-244  
EPA Reg. No. 1812-GA-3

Net Contents 2 1/2 gallons

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

**Precautionary Statements:** Fatal if inhaled. Corrosive, causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. ~~When handling either products containing triphenyltin hydroxide or spray diluted mixtures, wear protective clothing: cotton coveralls over long pants, long sleeved shirt, chemical resistant gloves (including neoprene coated, butyl rubber and nitrile rubber), hat, boots, goggles, face shield or safety glasses 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 the concentrate. When handling the concentrated products, wear a chemical resistant apron and a face shield. Where completely enclosed cab tractors with positive pressure filtration systems or enclosed cockpit aircraft are used, long sleeved shirts, long pants, socks and shoes may be the only clothing items necessary for the applicator. Chemical resistant gloves must be available in the cab or cockpit and worn upon exiting. 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. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Do not enter treated areas without protective clothing for at least 24 hours after treatment. During aerial application human flaggers are prohibited unless in totally enclosed vehicles.~~

**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:**

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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 flaggers 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.

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

### ENVIRONMENTAL HAZARDS

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

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~~Do not enter treated areas without protective clothing equivalent to that worn by the applicator (see Precautionary Statement) 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 specific protective clothing equivalent to that worn by the applicator (see Precautionary Statement) 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 Super Tin 4L on (date of application). Do not enter treated areas without appropriate protective clothing equivalent to that worn by the applicator (see Precautionary Statement) for 24 hours after treatment. In case of accidental exposure, see Statement of Practical Treatment.~~

### 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

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

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

**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

Super Tin 4L is a non-flammable, flowable fungicide.

Super Tin 4L 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 to prevent worker exposure to the pesticide. A closed system is required for aerial application. The closed systems 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. ~~Protective clothing and equipment, specified in the pesticide labeling, must also be used when mixing and/or loading this pesticide.~~ Application rates are for general use and must not be exceeded. The state agricultural extension or agricultural experiment station specialist 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 on potatoes. ~~During aerial application human flaggers are prohibited unless in totally enclosed vehicles.~~ Apply this product only as specified on this label.

### GENERAL CHEMIGATION INSTRUCTIONS

Do not apply this product through any type of irrigation system on crops other than potatoes. 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. 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 non-uniform distribution of treated water.

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

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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.

**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.

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

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the listed sensitive area. 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 for the duration of the restricted entry interval. 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.

Super Tin 4L 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	RATE/ACRE	USE DIRECTIONS
Sugar Beets	Cercospora Leafspot	4 - 8 fl. ozs.	<p>Ground (Closed Cabs Only): Apply in at least 15 gallons of water. Full coverage of the foliage is necessary for best results.</p> <p>Aerial (helicopter or fixed wing aircraft): Apply in 5 - 10 gals of water.</p> <p>Diluted spray should be directed uniformly to all parts of the plant. Use 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 and repeated at 10 to 14 day intervals. Do not exceed 24.0 fluid ounces per acre per season. Do not treat within 21 days of harvest. Do not graze or feed beet tops to livestock.</p>
Potatoes	Early and Late Blight, Suppression of Colorado Potato Beetle	4 - 6 fl. ozs.*	<p>Ground (Closed Cabs Only): Apply in at least 15 gallons of water. Full coverage of the foliage is necessary for best results. A spray pressure of less than 200 psi is recommended.</p> <p>Aerial: Apply in 3 - 10 gallons of water. For helicopter application fly high enough so as not to whip the vines.</p> <p>Diluted spray should be directed uniformly to all parts of the plant and the gallonage increased according to the size of the plants. Application should begin with the appearance of blight weather conditions and continue as needed. 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 exceed 24.0 fluid ounces per acre per season. Do not treat within 21 days of harvest.</p> <p>*PEST MANAGEMENT SYSTEMS. When used in combination with another fungicide registered for disease control on potatoes, a 3.0 fluid ounce rate may be employed.</p> <p>CHEMIGATION: Do not apply this product through any type of irrigation system on crops other than potatoes. Refer to CHEMIGATION INFORMATION section for complete instructions.</p>
Pecans	Scab, Brown Leafspot, Downy Spot, Powdery Mildew, Liver Spot, Sooty Mold & Leaf Blotch	8 - 12 fl. ozs.	<p>Ground (Closed Cabs Only): Apply in sufficient water to provide for full coverage.</p> <p>Aerial: Apply in a minimum of 20 gals. of water.</p> <p>Diluted spray should be directed to all parts of the tree. Application should begin at pre-pollination stages when the young leaves are unfolding, and a second application made when the small nuts are forming. Apply a maximum of 10 treatments during a single growing season at 2 - 4 week intervals as needed to maintain control. Use the lower rate for the first two applications or until the disease becomes severe, or during dry weather. Use the higher rate during wet weather or during severe scab, powdery mildew or other disease infections. Do not apply after shucks have started to open.</p>

### WARRANTY STATEMENT

GRIFFIN CORPORATION warrants that this product conforms to the chemical description on the label 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 or 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.

Super Tin 4L™ is a registered trademark of Griffin Corporation.