



PM 19 769-825  
706 10/11

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

APR 25 1994

STACY SCHMIDT  
H.R. MCLANE, INC.  
AGENT FOR: SURECO, INC.  
7210 RED ROAD, SUITE 206  
MIAMI, FL. 33143

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 01/06/94 Response to PR Notice 93-7  
EPA Reg. No. 769-825  
DURBAN 2.5% G

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/Canola Ink on paper that  
contains at least 50% recycled fiber

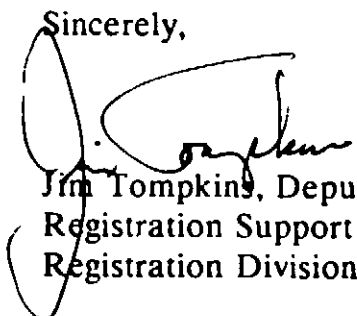
Submit the final printed labeling via the U.S. Postal Service to:

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

Hand or courier deliveries of final printed 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



**LAWN, TURF AND PERIMETER INSECT CONTROL**

**USE FOR MOUND TREATMENT CONTROL OF IMPORTED FIRE ANTS IN LAWNS AND RECREATIONAL AREAS ALSO FOR POTTING SOILS AND USE IN CONTAINER GROWN PLANTS**  
 20 LBS TREATS UP TO 20,000 SQ.FT.

Controls Ants, Armyworms (Such as Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Chiggers(1), Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Gnats, Grasshoppers, Greenbugs, Leafhoppers, Lucerne Moth, Millipedes, Mites (Such as Clover, Formula Grass, Winter Grain), Mosquitoes(2), Sod Webworms (Lawn Moth)(3), Sow Bugs, Springtails, Ticks (1), Turfgrass Weevil (Hyperodes) (4), European Crane Fly (5), White Grubs (Such as Black Turfgrass Ataenius, European Chafer, Southern Chafer, Japanese Beetle, June Beetle larvae) (5), Bluegrass Billbugs(6) Fire Ants (7).

The numbers in parenthesis refer to SPECIFIC DIRECTIONS on side panel.

**USE FOR CRAWLING INSECT CONTROL OUTSIDE OF HOMES, APARTMENTS, CONDOMINIUMS, WAREHOUSES, HOSPITALS, SCHOOLS, FOOD HANDLING ESTABLISHMENTS AND COMMERCIAL BUILDINGS**

**ACTIVE INGREDIENT:**  
 Chlorpyrifos: [O,O,-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] . . . . . 2.50%

**INERT INGREDIENTS:** . . . . . 97.50%

Total 100.00%

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**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**THIS PRODUCT IS AN ORGANOPHOSPHATE INSECTICIDE. IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person. Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. **IF ON SKIN:** In case of contact, remove contaminated clothing and wash affected area with soap and water. **NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote only by injection.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION:** May be harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep away from food, feedstuffs, and water supplies.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; shoes plus socks and a Dust/Mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). 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, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Use only as directed.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

EPA REG. NO. 769-825 EPA EST. NO. 769-GA-1  
 NET WEIGHT 4 lb. (20 lb., 40 lb., 50 lb.) POUNDS  
**SURECO, INC.**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with this product in a way that will contact workers or other persons, either directly or indirectly, during its application. For any requirements or restrictions, 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 (WPS) for agricultural pesticides, 29 CFR 170. This Standard contains requirements for the protection of agricultural workers from pesticides, and handlers of agricultural pesticides, for training, decontamination, notification, and emergency assistance. Instructions and exceptions pertaining to the statements on this label and equipment (PPE) requirements in this box only apply to uses of this product that are subject to the WPS. Do not enter or allow worker entry into treated areas until the entry interval (EI) of 12 hours. Exception: If the product is soil-injected or soil-applied, the WPS does not apply. Under certain circumstances, allows workers to enter treated areas if no contact with anything that has been treated PPE required for early entry is permitted under the Worker Protection Standard and that involves contact with treated, such as plants, soil, or water, is: long sleeved shirt and long pants, work shoes.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original labeled container in a cool, dry, locked place out of reach of children. PESTICIDE resulting from the use of this product may be disposed of on site or at an approved site. **CONTAINER DISPOSAL:** Completely empty bag into application equipment or bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, burned. Do not re-use empty container. Do not re-use empty container. Do not re-use empty container. Do not re-use empty container.

**SPECIFIC DIRECTIONS**

The following numbered paragraphs correspond to numbers in parenthesis in the GENERAL DIRECTIONS. Repeat treatments as needed for control.

**(1) CHIGGERS, TICKS, & FLEAS**

Use 1 lb./1,000 sq.ft. for area control of these insects, infesting not only lawns, roadsides, footpaths, and trails, picnic and camping sites, parks, and areas where these pests are present and create a nuisance or a health problem. DO NOT allow public use of treated area during application. Only treat areas frequented by pets/animals.

**(2) MOSQUITOES**

Mosquitoes coming to rest on areas treated for control of turf pests. Repeat treatments at 30 day intervals may be needed for new infestations.

**(3) SOD WEBWORMS**

Use twice the amount of DURSBAN 2.5% G shown in the "RATE" table (i.e. 2 lbs./1,000 sq.ft.). Treat suspected problem areas in mid-April and mid-May. Repeat treatments at 30 day intervals may be needed for new infestations.

**(4) TURFGRASS WEEVIL**

Use twice the amount of DURSBAN 2.5% G shown in the "RATE" table (i.e. 2 lbs./1,000 sq.ft.). Treat suspected problem areas in mid-April and mid-May. Repeat treatments at 30 day intervals may be needed for new infestations.

**(5) WHITE GRUBS; CRANE FLY LARVAE**

To control White Grubs (Black Turfgrass Ataenius, European Chafer, Japanese Beetle and June Beetle Larvae), use two to four applications apply enough water to thoroughly wash the insecticide into the soil. For best results, first remove thatch when grubs are young and active. European Crane Fly larvae will be controlled using 1.5 lbs per 1,000 sq.ft. (i.e. 2 lbs./1,000 Sq.Ft.). Consult your Agricultural Agent for best results, first remove thatch. Water the granules into the soil.

**(6) BLUEGRASS BILLBUGS**

Use two to four times the amount of DURSBAN 2.5% G shown in the "RATE" table (i.e. 2 lbs./1,000 sq.ft. for low infestations of Billbug grubs (5 to 10 lbs./1,000 Sq.Ft. for heavy infestations). Remove thatch first; water the granules into the soil.

**(7) IMPORTED FIRE ANT CONTROL**

**MOUND TREATMENT-** For treatment of Fire Ant mounds occur on lawns, patios, and other areas, treat individual ant mounds measuring from 3 to 12 inches in diameter by applying 3 tablespoons (0.6 oz.) of granules evenly in a circle 2 to 3 feet from the center) of the mound. Finish the treatment by applying 1/2 cup (1.25 oz.) of granules evenly over the center of the mound. If mound is not disturbed after treatment thus allowing ants to be exposed to the insecticide. Repeat treatments as needed for control. Do not re-treat more than once every 7 days.

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when this product is used to protect agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets off treated areas until this material is washed into the soil and the grass is dry.

### FIRE ANT CONTROL IN NURSERY, BENCH AND POTTING SOILS INTENDED PRIMARILY FOR WOODY ORNAMENTALS TO BE GROWN OUTDOORS IN CONTAINERS

Mix 1 lb. + 2 oz. (18 ounces) of this product with 1 cubic yard of growing medium. Thoroughly blend granules into medium using an appropriate mechanical mixer. Wear dust mask, body covering clothing and chemical resistant gloves during this operation. Do not use plants which have been exposed to treated soil for food or feed purposes. For 10" or 12" potted plants use 4 tbsp. Mix into soil surface.

### GENERAL DIRECTIONS FOR USE ON LAWNS, GOLF COURSES, SOD FARMS & ALL OTHER ORNAMENTAL AND RECREATIONAL TURF

Apply DURSBAN 2.5% G uniformly to home lawns, golf courses, sod farms, and other ornamental and recreational turf and non-crop land areas using any hand or power operated gravity or rotary type spreader designed for application of granules. Treat when insects first appear, using DURSBAN 2.5% G per acre at the rate of 40 lbs./acre for Surface Insects. Increase this rate as indicated for control of certain Soil Insects as listed under SPECIFIC DIRECTIONS. Immediately after application, sprinkle\* the turf with 30 gallons of water per 1,000 Sq.Ft. (1300 gals/acre) to move the granules into the zone of insect infestation. The following table gives amounts of DURSBAN 2.5% G and water needed for small areas. Retreat treatment as necessary. \*Observe Watering limitation in paragraph for; No.(3) Sod Webworms.

### HOW MUCH TO USE FOR SURFACE INSECTS

For control of Ants, Armyworms (such as Beet, Fall, Yellowstriped), Brown Centipedes, Chiggers, Chinch Bugs, Cutworms, Crickets, Earwigs, Field Crickets, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Lucerne Moth, Millipedes, Mites, Sod Webworms (Formula Grass, Winter Grain), Sod Webworms (Lawn Moth), Sowbugs, Springtails and Ticks use 1 lb. /1,000 Sq.Ft.

Areas to be Treated	Pounds of DURSBAN 2.5% G	Gallons of Water to Sprinkle on Area after Treatment
1,000 Sq.Ft.	1 lb.	30 gals.
5,000 Sq.Ft.	5 lbs.	150 gals.
10,000 Sq.Ft.	10 lbs.	300 gals.

### FOR SOIL FEEDING INSECTS

Refer to SPECIFIC DIRECTIONS paragraphs; (4), (5), and (6) in left panel for higher rates to control the listed turf insects which feed below the soil surface. Observe proper Spreader Settings for these higher rates.

### PERIMETER TREATMENT AROUND DWELLINGS

USE FOR CRAWLING INSECT CONTROL OUTSIDE OF HOMES, APARTMENTS, CONDOMINIUMS, WAREHOUSES, HOSPITALS, SCHOOLS, FOOD HANDLING ESTABLISHMENTS AND COMMERCIAL BUILDINGS

To protect against insects entering the indoors, a band of granules may be placed around the outside of buildings to kill Ants, Brown Dog Ticks, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, Springtails and Spiders before they attempt to enter. Use one pound to treat 500 Sq. Ft. (as a band 5 ft. x 100 ft long) around the structure. Apply when insects have become troublesome or before they cause problems in the spring or early fall. Repeat one month later and then as needed for control but not more than once every 7 days. Keep children and pets off treated area until granules are sprinkled in and the area is dry.

SPREADER SETTINGS are approximate. Your spreader may need recalibrating due to age and use. Test proper working condition by placing 1/2 lb. of DURSBAN 2.5 G into your spreader using the setting at the "1 lb. rate". Apply over a pre-measured area of 500 Sq.Ft. (5 ft. x 100 ft long). If the "spreader" contains granules at end of the test, open the spreader 1/2 to 3/4 setting; if granules have run-out before the end of test, close (shut) the spreader 1/2 to 3/4 setting. Repeat test if indicated. Insects may not be killed and control may be "spotty" if your spreader does not apply the exact recommended amount/1,000 Sq.Ft. as found on this label!

SPREADER	SPREADER SETTINGS			
	Pounds of DURSBAN 2.5% G to Use per 1,000 Sq.Ft.			
	1 lb.	1.5 lb.	2 lbs.	4 lbs.
Scott Lawn	3 1/2	3 3/4	4 1/2	5 1/2
Cyclone B1	3	3 3/4	4 1/4	5

### IMPORTANT:

Read these entire Directions and Conditions of Sale before using this product. NOTICE: SureCo, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo, Inc. makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SureCo, Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product. (825-WPS,PM4 based on 09-30-91 version / 02-04-94) watering in & PRN 93-3 amendments pending at this date.)

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