

Reg # 769-825

PM-19

182



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, Flery 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 Aletius, European Chafer, Southern Chafer, Japanese Beetle, June Beetle larvae) (5), Bluegrass Billbugs(6) Fire Ants. 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] 2.5%

INERT INGREDIENTS: 97.5%

DURSBAN® is a Registered Trademark of The Dow Chemical Company Total 100.0%

**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. If watering in is directed, children and pets should be kept off treated areas until the material is washed into the soil and the grass is dry.

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 pesticide is toxic to birds, fish and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water. Runoff may be hazardous to aquatic organisms in the receiving water. Do not contaminate water when disposing of equipment washwaters.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

EPA REG. NO. 769-825

NET WEIGHT 20 POUNDS

EPA EST. NO. 769-GA-1

SURECO, INC.
Fort Valley, GA 3103

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 registration.

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 restricted-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. 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 that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **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 into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. **HOUSEHOLD:** Do not re-use empty container. Wrap container and put in trash.

SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis (x) on the front panel following the insect names. Insects not numbered may be controlled by following 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 non-crop land areas such as roadsides, footpaths, and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or a possible public health problem. **DO NOT** allow public use of treated area during applications. For Fleas (out-of-doors; only) treat areas frequented by pets/animals.

(2) MOSQUITOES

Mosquitoes coming to rest on areas treated for control of turf pests will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions.

(3) SOD WEBWORMS

For Sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional 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 TO USE" table i.e. (2 lbs. per 1,000 sq.ft.). Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service Specialist.

(5) WHITE GRUBS; CRANE FLY LARVAE

To control White Grubs (Black Turfgrass Aletius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use two times the amounts of DURSBAN 2.5% G shown in the "table" i.e. 2 lbs./1,000 for low infestation of grubs (4 to 8 larvae / sq.ft.). When high populations of grubs are present in the area to be treated, a repeat application of 2 lbs./1,000 sq.ft. may be made 7 to 14 days following the initial application. Apply granules uniformly over the treated area. After applications apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for best time to treat. European Crane Fly larvae will be controlled using 1.5 lbs per 1,000 sq.ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs" e.i.(2 lbs/1,000 sq.ft.). Consult your Agricultural Agent for proper time to apply. 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 TO USE table, (e.i. 2 lbs./1,000 sq.ft. for low infestations of Billbug grubs (5 to 10 larvae / 1 sq.ft.) and 4 lbs./1,000 sq.ft. for heavy infestations). Remove thatch first; wash in.

(7) IMPORTED FIRE ANT CONTROL

MOUND TREATMENT- For treatment of Fire Ant mounds occurring in lawns, turf and premise 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 around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment then by applying 2 tablespoons (0.4 oz.) sprinkled directly over the center of the mound. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

BEST AVAILABLE COPY

NON-AG

The requirements in this box apply to Protection Standard, for agriculture production is used to produce agricultural watering in is directed, children and into the soil and the grass is dry.

**FIRE ANT CONTROL
SOILS INTENDED FOR
TALS TO BE GROWN**

Mix 1 lb. + 2 oz. (18 ounces) of this granules into media using an applicator exposed to treated soil for food or for surface.

**GENERAL DIRECTIONS
COURSES, SOD FAIR
AND F**

Apply DURSBAN 2.5% G uniformly and recreational turf and non-crop spreader designed for application 2.5% G per acre at the rate of 40 lb control of certain Soil insects as listed application, sprinkle the turf with 3 granules into the zone of insect life of surface insects. The following to small areas. Repeat treatment as n Sod Webworms.

HOW MUCH TO

For control of Ants, Armyworms (st Chiggers, Chinch Bugs, Cutworms, Greenbugs, Leafhoppers, Lucerne Winter Grain), Sod Webworms (L it is not necessary to water the inst

FOR S

Refer to SPECIFIC DIRECTIONS p the listed turf insects which feed by

Area to be Treated	DU
1,000 Sq.Ft.	
5,000 Sq.Ft.	
10,000 Sq.Ft.	

**PERIMETER TREATMENT
USE FOR CRAWLING
APARTMENTS, CONDOMINIUMS,
FOOD HANDLING EST/**

To protect against insects entering buildings to kill Ants, Brown Dog and Spiders before they attempt to fly, long) around the structure. Apply problems in the spring or early fall, more than once every 7 days. **SPREADER SETTINGS** are appropriate: Test proper working condition by setting at the "1 lb. rate". Apply or "spreader" contains granules at entrance before the end of test, close-insects may not be killed and correct recommended amount/1,000 Sq.Ft.

SPREADER	PO
Scott Lawn	
Cyclone B1	

DISCLAIMER: SURECO warrants it and is reasonably fit for the specific inherent risks referred to above. SU merchantability nor any other express consequential, special, or indirect product. (769-825 pm5 vombp of) data 10-14-94

ACCEPTED
NOV 29 1994
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 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 769-825

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), and restricted-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. 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 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 and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **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 into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. **HOUSEHOLD:** Do not re-use empty container. Wrap container and put in trash.

SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis (x) on the front panel following the insect names. Insects not numbered may be controlled by following 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 non-crop land areas such as roadsides, footpaths, and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or a possible public health problem. DO NOT allow public use of treated area during applications. For Fleas (out-of-doors; only) treat areas frequented by pets/animals.

(2) MOSQUITOES

Mosquitoes coming to rest on areas treated for control of turf pests will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions.

(3) SOD WEBWORMS

For Sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional 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 TO USE" table i.e. (2 lbs. per 1,000 sq.ft.). Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service Specialist.

(5) WHITE GRUBS; CRANE FLY LARVAE

To control White Grubs (Black Turfgrass Ateneius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use two times the amounts of DURSBAN 2.5% G shown in the "table" i.e. 2 lbs./1,000 for low infestation of grubs (4 to 8 larvae / sq.ft. When high populations of grubs are present in the area to be treated, a repeat application of 2 lbs./1,000 sq.ft. may be made 7 to 14 days following the initial application. Apply granules uniformly over the treated area. After applications apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for best time to treat. European Crane Fly larvae will be controlled using 1.5 lbs per 1,000 sq.ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs" e.i.(2 lbs/1,000 sq.ft.). Consult your Agricultural Agent for proper time to apply. 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 TO USE table, (e.i. 2 lbs./1,000 sq.ft. for low infestations of Billbug grubs (5 to 10 larvae / 1 sq.ft.) and 4 lbs./1,000 sq.ft. for heavy infestations). Remove thatch first; wash in.

(7) IMPORTED FIRE ANT CONTROL

GROUND TREATMENT- For treatment of Fire Ant mounds occurring in lawns, turf and premise areas, treat individual ant mounds measuring from 3 to 12 inches in diameter by applying 3 tablespoonsfuls (0.6 oz.) of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment then by applying 2 tablespoonsfuls (0.4 oz.) sprinkled evenly over the center of the mound. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard, for agricultural pesticides 40 CFR part 170. The WPS only applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. If watering in is directed, children and pets should be kept 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 media using an appropriate mechanical mixer. 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 AND 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. For control of soil insect 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. It is not necessary to water the insecticide in for control of surface insects. The following table gives amounts of DURSBAN 2.5% G and water needed for small areas. Repeat treatment as necessary. *Observe Watering limitation in paragraph for Sod Webworms.

HOW MUCH TO USE FOR SURFACE INSECTS

For control of Ants, Armyworms (such as Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Gnats, Grasshoppers, Greenbugs, Leafhoppers, Lucerne Moth, Millipedes, Mites (such as Clover, Formula Grass, Winter Grain), Sod Webworms (Lawn Moth), Sowbugs, Springtails and Ticks use 1 lb./1,000 sq.ft. It is not necessary to water the insecticide into the soil to obtain control of surface insects.

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

Areas to be Treated	Pounds of DURSBAN 2.5% G	Gallons of Water to Sprinkle on Area after Treatment
1,000 Sq.Ft.	2 lbs.	30 gals.
5,000 Sq.Ft.	10 lbs.	150 gals.
10,000 Sq.Ft.	20 lbs.	300 gals.

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 more than once every 7 days.

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 premeasured 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.
Scott Lawn	3 1/2	3 3/4	4 1/2
Cyclone B1	3	3 3/4	4 1/4

DISCLAIMER: SURECO 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 makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty, in no case shall SURECO be liable for consequential, special, or indirect damages resulting from the use, handling, or application of this product. (769-825 pm5 combo of WPS 04-25-94 Acc'dd copy & PM-19comms, of 01-04-94 this date 10-14-94)

TROL OF IMPORTED FIRE ANTS IN CONTAINER GROWN PLANTS

TO 20,000 SQ.FT. (striped), Brown Dog Ticks, Centipedes, Chiggers, Earwigs, Fiery Skipper, Fleas, Gnats, Grasshoppers, Mites (Such as Clover, Formula Grass, Winter (3), Sow Bugs, Springtails, Ticks (1), Turfgrass White Grubs (Such as Black Turfgrass Ateneius, June Beetle larvae) (5), Bluegrass Billbugs(6) Fire

SPECIFIC DIRECTIONS on side panel.

OUTSIDE OF HOMES, APARTMENTS, SCHOOLS, FOOD HANDLING COMMERCIAL BUILDINGS

6-trichloro-	2.5%
	97.5%
Total	100.0%

PROTECTION OF CHILDREN AND PETS

PREVENTIVE TREATMENT
 ALLOWED: Drink 1 or 2 glasses of water and induce vomiting if anything by mouth to an unconscious or convulsing person. **ON SKIN:** In case of contact, remove contaminated clothing immediately and wash with soap and water. Treat symptomatically.

STATEMENTS ON DOMESTIC ANIMALS

Use on and clothing. Avoid breathing dust. Keep away from food, and pets should be kept off treated areas until this material is washed.

EQUIPMENT (PPE)

3 parts: waterproof gloves; shoes plus socks and a Dust/Mist respirator. See manufacturer's instructions for cleaning/maintaining PPE. Keep and wash PPE separately from other laundry.

HAZARDS

Washing in treated areas may be killed. Clean up spilled product immediately. May be hazardous to aquatic organisms in the receiving water body.

PRECAUTIONARY STATEMENT

NET WEIGHT: 50 POUNDS EPA EST. NO. 769-GA-1

SURECO, INC.
 GA 3103

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