

Reg # = 769 - 828

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**DURSBAN 1.14% G
INSECTICIDE GRANULES**

Controls insects in ornamental & recreational turf. Perimeter control of Fleas, Ticks, and Chiggers. Fire Ants by mound treatment and in nursery containers. 1 lbs. treats up to 500 sq. ft.

Controls Ants, Armyworms (Beet, Fall, Yellowstriped), Brown Dog Ticks*, Centipedes, Chiggers*, Chinch Bug*, Clover Mites, Cutworms, Crickets, Earwigs, European Crane Fly larvae*, Fiery Skipper, Fleas*, Grasshoppers, Leafhoppers, Millipedes, Sod Webworms* (Lawn Moth), Sow Bugs, Springtails, Turfgrass Weevil* (Hyperodes), White Grubs* (species of Black Turfgrass Ataenius, European Chafer, Southern Chafer, Japanese Beetle and June Beetle larvae), Bluegrass Billbugs*, Fire Ants*.

Use for crawling insect control outside of homes, apartments, condominiums, warehouses, hospitals, schools, food handling establishments and commercial buildings.

ACTIVE INGREDIENT:

Chlorpyrifos: [0,0-diethyl 0(3,5,6-trichloro-2pyridyl) phosphorothioate]	1.14%
INERT INGREDIENTS:	98.86%
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.

ACCEPTED
JAN 03 1995
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide

**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.

Applicators and Other Handlers Must Wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

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:

- Wear Goggles!*
- 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.

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

E.P.A. Reg. No. 769-828

E.P.A. Est. No. 769-GA-1

NET WEIGHT (4 LB.; 50 LB) POUND

**SURECO, INC.
FORT VALLEY, GA 31030**

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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.

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.

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 product is soil-injected or soil-incorporated, the Workers 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, Shoes plus socks.

***SPECIFIC DIRECTIONS**

The following paragraphs correspond to insects followed by asterisk (*) on the front panel. Insects not followed by an Asterisk (*) may be controlled by following the instructions for use on LAWNS, etc. Repeat treatments as needed for control.

CHIGGERS, TICKS, & FLEAS: Use 1 lb./500 Sq. Ft. (10 lb./5,000 Sq. Ft.) for area control of these insects, infesting non-crop land areas such as roadsides, footpaths, and trails, picnic and camping sites, parks, recreational area and around dwellings where these pests are present and are creating a nuisance. For Fleas (out-of-doors; only) also treat sleeping quarters and other areas frequented by pets such as beneath porches and along fencing.

CHINCH BUGS: Apply 2 to 3 lbs./1,000 sq. ft. when insects appear or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 80 degrees and repeat every 2 months. Use low rate for minimum infestations; higher rate for heavy infestations.

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. Apply at rate of 2 lbs. per 1,000 sq. ft.

FOR SOIL FEEDING INSECTS: Refer to specific paragraph for TURFGRASS WEEVIL; WHITE GRUBS, CRANE FLY (larvae) and BLUEGRASS BILLBUG for rates to control soil insects which feed below the soil surface. Observe proper Spreader Settings for these higher rates.

TURFGRASS WEEVIL: Use 10 lbs. per 2,500 sq. ft. Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service.

WHITE GRUB SPECIES - CRANE FLY LARVAE: To control White Grubs (Black Turfgrass Ataenius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use 10 lbs. to treat 2,500 sq. ft. After applications apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first & 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 10 lbs. per 3,335 sq. ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs" e.i. (10 lbs./2,500 sq. ft.). Consult your Agricultural Agent for proper time to apply. For best results, first remove thatch. Water the granules into the soil.

BLUEGRASS BILLBUGS: Use 10 lbs./2,500 sq. ft. for Billbug grubs. Remove thatch before treatment. Wash granules into soil as for White Grubs.

IMPORTED FIRE ANT CONTROL MOUND TREATMENT: To control Fire Ants, apply 2 ounces (approx. 12 level tbsp.) evenly over and around each mound. After application of granules, gently sprinkle the treated area with a minimum of 1 quart water per 6 inches of mound diameter. For best results; do not disturb the mound before or during the application. Apply in cool weather (65 - 80 F); or in early morning or later evening. Treat new mounds as they appear.

FIRE ANT CONTROL IN NURSERY, BENCH AND POTTING SOIL INTENDED PRIMARILY FOR WOODY ORNAMENTALS TO BE GROWN OUTDOORS IN CONTAINERS: Mix 2-1/4 lbs. of this product with 1 cubic yard of growing medium. Thoroughly blend granules into media using an appropriate mechanical mixer. Do not use plants for food or feed purposes which have been exposed to treated soil. (This is EPA-04-10-91 corrected version of 10-01-90 submitted copy)

FOR USE ON LAWN, GOLF COURSES, SOD FARMS AND ALL OTHER ORNAMENTAL AND RECREATIONAL TURF: Apply Dursban 1.14% G Insecticide Granules 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 granules at the rate of (10 lbs./5,000 sq. ft.) or 88 lbs./acre for Surface Insects. Increase this rate as indicated for control of certain Soil Insects as outlined in separate paragraphs. Immediately after application, sprinkle* the turf with 30 gallons of water per 1,000 sq. ft. (1,300 gals./acre) to move the granules into the zone of insect infestation. The following table gives amounts of Dursban 1.14%G Insecticide Granules and water required for small areas. Repeat treatment as necessary. *Observe delayed watering for Sod Webworms.

FOR SURFACE INSECTS: For control of Ants, Armyworms (Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Cutworms, Crickets, Earwigs, fiery Skipper, Fleas, Grasshoppers, Leafhoppers, Millipedes, CloverMites, Sod Webworms, Sowbugs, Springtails and Ticks use 1 lb./500 sq. ft.

<u>AREAS TO BE TREATED</u>	<u>POUNDS OF GRANULES</u>	<u>GALLONS OF WATER TO SPRINKLE ON AREA AFTER TREATMENT</u>
500 Sq. Ft.	1 lb.	5 gals.
1,000 Sq. Ft.	2 lbs.	30 gals.
5,000 Sq. Ft.	10 lbs.	150 gals.
10,000 Sq. Ft.	20 lbs.	300 gals.

USE AS A BAND (PERIMETER) TREATMENT AROUND THE HOME & OTHER STRUCTURES. 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 1 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.

SPREADER SETTINGS

<u>MAKE OF SPREADER</u>	<u>FOR SURFACE INSECTS</u> <u>2 LBS./1,000 SQ. FT.</u>	<u>FOR SOIL INSECTS</u> <u>4 LBS./1,000 SQ. FT.</u>
Ortho Drop #3000	6	7
Ortho Brdcast #4000	1-1/2	5
Scott #PF-1	5	6-1/2
Central	7	8
Jackson	5-1/2	6-1/2
Queen Turf	7	8
Glorion	7	8
Sears	7	8
Cyclor :	3-3/4	4-1/2
Scotts Rotry #ER-2	25-1/2	27-1/2
Whirlybird	3	3

For the Ortho Whirlybird one slightly rounded hopperful holds 2 lbs. of product. For 2 lbs. rate set at 3 and make 2 passes over the 20' x 50' area.

For the Ortho broadcast spreader make 2 passes (up and back) over the same 12 ft. wide section following the same wheel tracks. The lightweight of the granules causes a heavier application over the 6 ft. wide swath to the left, so two trips (one up and one back) evens out the application. Make next pass 12 ft. over from wheel tracks, and repeat process.

Above spreaders settings are approximate. Check your spreader on 100 sq. ft. and adjust to apply 3-1/4 oz. at the "2 lbs." setting and 6-1/2 oz. at the "4 lbs." setting. Rate of walk, moisture and spreader condition can vary the spreader setting necessary to apply the correct amount.

NOTICE: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Direction For Use., subject to the inherent risks referred to above. SMCP makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SMCP be liable for consequential, special, or indirect damages resulting from the use, handling, or application of this product.