



# LAWN & PERIMETER GRANULES

**For Effective Long Lasting Control of Chinch Bugs and Sod Webworms in Ornamental Turf.**

**USE FOR MOUND TREATMENT CONTROL OF IMPORTED FIRE ANTS IN LAWNS AND RECREATIONAL AREAS**  
25 LBS TREATS UP TO 10,000 SQ.FT.

Controls Ants, Armyworms (Such as Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Chiggers (1) Chinch Bugs(2), Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Gnats, Grasshoppers, Greenbugs, Leafhoppers, Lucerne Moth, Millipedes, Mites (Such as Clover, Formula Grass, Winter Grain), Mosquitoes, Sod Webworms (Lawn Moth-3), Sow Bugs, Springtails, Ticks (1), Turfgrass Weevil (Hyperodes) (4), European Crane Fly (5), White Grubs (Such as Black Turfgrass Attenius, European Chafer, Southern Chafer, Japanese Beetle, June Beetle larvae) (5), Bluegrass Billbugs(6) Imported 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]. 1.00%

INERT INGREDIENTS: 99.00%

DURSBAN is a Registered Trademark of The DowElanco Company

Total 100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**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. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing before reuse. Keep away from food, feedstuffs, and water supplies. Keep children and pets off treated area until this material is washed into the soil and the grass is dry.

#### 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

**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.

### SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parentheses (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./400 Sq. Ft. (2.5 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 sleeping quarters and other areas frequented by pets such as beneath porches and along fencing.

#### (2) CHINCH BUGS

Apply 12 to 17 lbs./5,000 Sq. Ft. (100 to 150 lb./A) when insects appear and/or their damage is imminent. Control will last up to 8 weeks. To prevent damage apply as soon as daily temperatures reach 80°F and repeat every 2 months. Use lower rate as preventive treatment or for light infestations; the higher rate when insects are present in large numbers and turf is being damaged.

#### (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. Apply at rate of 2.5 lbs. per 1,000 Sq. Ft.

#### (4) TURFGRASS WEEVIL

Use 4.6 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 Attenius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae) use 4.6 lbs to treat 1,000 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 3.5 lbs per 1,000 Sq Ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs" (4.6 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 4.6 lbs /1,000 sq ft. for Billbug grubs. Remove thatch before treatment. Wash granules into soil.

#### (7) IMPORTED FIRE ANT CONTROL

To control Imported Fire Ants, apply 2 ounces evenly over and around each mound. After application, gently sprinkle the treated area with a minimum of 1 quart of water. For best results do not disturb the mound before or during the application; apply in cool weather (65-80 degrees F), or in early morning or late evening. Treat new mounds as they appear.

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

Apply LAWN & PERIMETER 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 at the rate of 2.5 lbs./1,000 Sq. Ft. (110 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 GRANULES and water needed for small areas. Retreat treatment as necessary. \*Observe Watering limitation in paragraph for, No. (3) Sod Webworms.

### RATE 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 & Ticks use 2.5 lbs./1,000 Sq Ft.

Area to be Treated	Pounds for LAWN & PERIMETER	Gallons of Water to Sprinkle on Area after Treatment
400 Sq. Ft.	1 lb.	5 gals.
1,000 Sq. Ft.	2.5 lbs.	30 gals.
5,000 Sq. Ft.	12.5 lbs.	150 gals.
10,000 Sq. Ft.	25 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 the higher rates.

### PERIMETER TREATMENT AROUND DWELLINGS

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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 400 Sq. Ft. (as a band 5 ft. x 40 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

SPREADER SETTINGS are approximate. Your spreader may need recalibrating due to age and use. Test proper working condition by placing 1.25 lb. of GRANULES into your spreader using the setting at the "2.5 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 per 1,000 Sq. Ft. as found on this label!

SPREADER	Pounds of LAWN & PERIMETER to Use / 1,000 Sq. Ft.	2.5 lb.	3.5 lb.	4.6 lbs.
Scott Lawn	4	5	6	
Cyclone B1	3.5	4.5	5.5	

**DISCLAIMER:** SMCP® 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. SMCP makes no other express or implied warranty of fitness, 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.

\*SOUTHERN MILL CREEK PRODUCTS CO., INC.

EPA REG. NO. 6720-251

EPA REG. NO. 6720-FL-4

NET WEIGHT (1 lb., 5 lb., 25 lb., 50 lb.) POUNDS

**SOUTHERN MILL CREEK PRODUCTS CO., INC.**

5414 NORTH 56th STREET  
TAMPA, FLORIDA 33610

**ACCEPTED**

NOV 9 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 6720-251

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