

AUG 26 1993

Mr. Julius C. Prinzo  
Lesco, Inc.  
20005 Lake Road  
P.O. Box 16915  
Rocky River, Ohio 44116-0915

Dear Mr. Prinzo:

Subject: Deletion of Use on Chiggers  
Lesco 1% Dursban® Granular  
EPA Registration No. 10404-67  
Your Submissions Dated June 15, 1993 & June 7, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

- Please note that in reviewing the labeling included in the two submissions listed above, we saw no difference between the two sets of labels, only that one set had a retail barcode in the upper right hand corner. We are unsure why two sets of labels were submitted, however, we have stamped the set with the barcode as "EPA Acceptable" and are returning one copy to you.

Sincerely,

DHE

Dennis H. Edwards, Jr.  
Product Manager 19  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

**For effective long lasting control of Chinch Bugs, Asian Roaches, Fire Ants, Fleas, Ticks, Foraging Ants, Mole Crickets and other outdoor insects.**

**ACTIVE INGREDIENT.**

Chlorpyrifos: (O,O-diethyl-O-(3,5,6-trichloro-2-pyridyl) phosphorothioate) .....	100%
<b>INERT INGREDIENTS</b> .....	<b>99.00%</b>
<b>Total</b> .....	<b>100.00%</b>

Dursban® Brand insecticide is a Registered Trademark of DowElanco  
**For mound treatment control of imported fire ants in lawns and recreational areas: 1 lb. treats up to 400 sq.ft.**

Controls Ants (including Carpenter, Argentine & Foraging), Army-worms (Beet, Fall, Yellow-striped), Centipedes, Chinch Bugs(2) Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Mole Crickets(4), Roaches (Asian), Sod Webworms (Lawn Moth) (3), Sow Bugs, Springtails, Ticks (Brown Dog Tick) (1), Turfgrass Weevil (Hyperodes), European Crane Fly (5), White Grubs (Black Turfgrass Aeneus, European Chafer, Southern Chafer, Japanese Beetle, and June Beetle (larvae) (5), Bluegrass Billbugs(6) Imported Fire Ants(7) (See numbered paragraphs for insect control)

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

**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 anti-dote 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, feed-stuffs, and water supplies. Keep children and pets off of 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 to water bodies or areas where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment wash-water. Use only as directed.

**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.  
**Recycling:** Do not re-use empty container. Wrap container and put in trash.

**SPECIFIC DIRECTIONS**  
 The following numbered paragraphs correspond to numbers in parentheses (in) 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) BROWN DOG 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 show 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 1 lb. 300 to 400 sq ft (2.5 to 3.5 lb / 1,000 sq ft) or 110 to 150 lb / A when insects appear and/or their damage is imminent. 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) MOLE CRICKETS**  
 Use 4.6 lbs. per 1,000 sq ft. Treat suspected problem areas when insects become a problem or as recommended by your local Ag. Extension Service Specialist.

**The Best Time to Control Adult Mole Crickets**

Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sep.	Oct.	Nov.	Dec.
1											
2											

1 Indicates egg laying time      2 Best time to control Crickets

**(5) WHITE GRUBS; CRANE FLY LARVAE**  
 To control White Grubs, Black Turfgrass Aeneus, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae, use 4.6 lbs. to treat 1,000 sq ft. To improve efficacy 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 & 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", i.e., (4.6 lb / 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 lb / 1,000 sq ft for Billbug Grubs. To improve control apply enough water to wash granules into soil where insects are feeding.

**(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 8 tablespoons (1.6 oz.) of granules evenly in a circle around the outer edges (1 to 2 feet from the center of the mound). Finish the treatment by applying 2 tablespoons (0.4 oz.) sprinkled evenly over the center of the mound. After application of the granules, gently sprinkle the treated area with a minimum of 1 quart of water per 6 inches of mound diameter. Apply in cool weather (65 to 80 degrees F) or in early morning or late evening. 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.

**GENERAL DIRECTIONS FOR USE ON LAWNS, GOLF COURSES, SOD FARMS AND ALL OTHER ORNAMENTAL AND RECREATIONAL TURF.** Apply 1 lb. Dursban® Granules uniformly to home lawns, golf courses, sod farms, and other ornamental and recreational turf and non-cropland areas using any hand or power operated 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 rate as indicated for control of certain Soil Insects as listed under SPECIFIC DIRECTIONS. For best efficacy sprinkle the turf with water to move the granules into the zone of insect infestation. Repeat treatment as necessary. Observe Watering Irrigation in paragraph for No. (3) Sod Webworms.

**RATE TO USE FOR SURFACE INSECTS**  
 For control of Ants (as listed on front panel), Armyworms (Beet, Fall, Yellow-striped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbug, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails, and Ticks (Brown Dog Tick) 2.5 lb. / 1,000 sq ft.

**FOR SOIL FEEDING INSECTS**  
 Refer to SPECIFIC DIRECTIONS paragraphs, (4), (5), and (6) in left panel for rates to control the listed insects which feed below the soil surface. Observe Spreader Settings for the higher rates.

**PERMETER 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 (as listed on front panel), Ticks (Brown Dog Tick), Crickets, Earwigs, Fleas, Millipede, roaches (Asian), Sowbugs, Springtails before they attempt to enter. Use 1 pound to treat 400 sq ft (as a band 3 ft x 80 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.

**LESKO ROTARY SPREADER APPROXIMATE SETTINGS**  
 For Large Area Treatments

# Product/ 1,000 sq ft.	# A/A	Effective Spreading Width	Third Hole Setting	Approximate* Setting
1.0	0.44	6 ft	OPEN	C 1 2 (10/32)
2.5	1.08	6 ft	OPEN	D 1 2 (12/32)
3.5	1.52	6 ft	OPEN	G (13/32)
4.6	2.00	6 ft	OPEN	F (15/32)

\*IMPORTANT: These settings are only approximate. Age, condition of spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application.

**NOTICE:** LESKO INC. warrants that this insecticide conforms to the chemical description on its label when used in accordance with label directions under normal conditions; this insecticide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixing with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

EPA Reg No. 10404-67  
 EPA Est. No. 51036-GA-1

LESKO Inc.  
 20915 Lake Road  
 Rocky River, Ohio 44116

Net Weight: 40 Lbs.

**#031713**

Rev 04/93WP

