

DURSABAN¹⁶¹² 1.14 GRANULES

Controls Insects in Ornamental & Recreational Turf - Perimeter Control of Ants, Fleas, Ticks, and Chiggers
Controls Fire Ants by Mound Treatment, in Potting Soils and in Nursery Containers
1 LBS TREATS UP TO 500 SQ.FT.

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

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

ACTIVE INGREDIENT:

Chlorpyrifos: [O,O.-methyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]

1.14%

INERT INGREDIENTS:

98.86%

Total 100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**



DURSABAN is a Registered Treatment of Dursban
EPA Reg No 6378-33

EPA Est. No. 6378-01-1

STATEMENTS OF PRACTICAL TREATMENT

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. Where watering-in is required, keep children and pets off treated areas until 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 STATEMENTS

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 paragraphs cover "and to insects followed by asterisk(*) on the above 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.

SURFACE INSECTS

CHIGGERS, TICKS, & FLEAS

Use 1 lb. per 500 sq ft (10 lb. per 5,000 sq ft) for area control of these insects, infesting non-crop land areas such as roadsides, backyards, and trails, picnic and camping sites, parks, recreational areas and around dwellings where these pests are present and are creating a nuisance. DO NOT allow use of treated area during applications. For fleas (out-of-doors, only) also treat sleeping quarters and other areas frequented by pets such as barnyard porches and dog kennels.

CHINCH BUGS

Apply 2 to 3 lbs. per 1,000 sq ft. when insects appear or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 60 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.

SOIL INSECTS

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 Ateonius, European Chafer, Southern Weevil, Crane Fly Larvae and June Beetle Larvae), use 10 lbs. to treat 2,500 sq ft. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. 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 10 lbs. per 3,335 sq ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs" i.e. (10 lbs. per 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. per 2,500 sq ft. for Billbug grubs. Remove thatch before treatment. Wash granules into soil as for White Grubs.

(6378-33 pm4 112-13-87)

**IMPORTED FIRE ANT
CONTROL
MOUND TREATMENT**

To control Fire Ants in lawns, turf and premise areas, apply 2 ounces (approx. 10 level tablespoons) 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 taking an especially mechanical mixer. Do not handle mix or treat in containers unless wearing dust mask, body covering clothing and chemical resistant gloves. Do not use plants which have been exposed to treated soil for food or feed purposes.

**FOR USE ON LAWNS, GOLF COURSES,
SOD FARMS and ALL OTHER
ORNAMENTAL and RECREATIONAL TURF**

Apply Dursaban® 1.14 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 lb. per 5,000 sq ft.) or 80 lb. per acre for Surface Insects. Increase this rate as indicated for control of C. Lin. Soil Insects as outlined in separate paragraphs, i.e. (10 lb. per 2,500 sq ft.).

For increased effectiveness against soil insects follow the granule application with a thorough watering to move the insecticide into the soil. It is not necessary to water the insecticide granules in for control of Surface Insects. Repeat treatment as necessary. *Observe delayed watering for Sod Webworms. **See Spreader Settings in chart below.

FOR SURFACE INSECTS.....

For control of Ants, Armyworms (Beet, Fall, Yellowstriped), Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Cutworms, Crickets, Earwigs, Flary Skipper, Fleas, Grasshoppers, Leafhoppers, Millipedes, Clover Mites, Sod Webworms, Sowbugs, Springtails and Ticks use 1 lb. per 500 sq ft.

**USE AS A BAND (PERIMETER)
TREATMENT AROUND THE
OUTSIDE OF HOMES & 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 to 2 pounds to treat 500 Sq Ft. (as a band 5 ft x 100 ft) 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 FOR APPLICATION TO LAWNS**

Make of Spreader	For Surface Insects 2 lbs./1,000 sq ft.	For Sod Insects 4 lbs./1,000 sq ft.
Orlin Drop (3300)	1 1/2	5
Orlin Drop (4000)	5	6 1/2
Scull SPV-1	7	6
Control	5 1/2	6 1/2
Olsson	7	6
Seers	3 3/4	4 1/2
Cyclone	25 1/2	27 1/2
Scotts Rotary (ER-2)	3	5
Whymark		

For the Orlin Rotary and other gravity mounted spreaders 2 lbs. of product for 2 sq. ft. or 2 sq. ft. per 2 sq. ft. use over the 20 x 30 area. For the 4 lb. rate set at 3 and angle 6 degrees over 10 sq. ft. or 20 sq. ft. For the Orlin broadcast spreader make 2 passes (up and back) over between 120 cubic yards following the same wheel tracks. The light weight of the granules causes a higher application rate on the 6 ft. wide mouth to the left, so the flow (one up and one back) comes out the application. Make sure the 2 lb. rate is used on the left and right (one up and one back) comes out the application. Check your spreader rate on 100 sq. ft. and adjust to apply 2 lbs. at the 3 ft. x 10 ft. setting and 4 lbs. at the 10 ft. x 10 ft. Rate of walk, rotation and spreader application vary the setting recommended upon the correct spreader.

NOTICE: Buyer and user assumes all risk and liability of use, damage and handling of this product in accordance with the label.

NET WEIGHT 1; (10; 20) POUNDS

Knox Fertilizer Company, Inc.

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