



SIM-CHEM

DURSBAN* 1G

GRANULAR INSECTICIDE

USE DIRECTIONS FOR CONTROL OF TURF PESTS

Controls Chinch Bugs, Sod Webworms (Lawn Moths), Ants, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Sowbugs (Pillbugs), certain White Grubs* and Hyperodes (Turfgrass) Weevils infesting home lawns and other ornamental turf areas.

Apply DURSBAN 1G granular insecticide uniformly to home lawns and other ornamental and recreational turf grass areas using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear using DURSBAN 1G at the rate of 100 pounds per acre. To help obtain uniform distribution, apply one-half the required amount of product in one direction; then apply the balance at a right angle. Immediately after application sprinkle the turf with 130 gallons of water per acre so as to wash the granules into the zone of insect infestation. Consult the following table to determine amounts of DURSBAN 1G and water needed for smaller sized areas. Re-treat as necessary.

RATES TO USE

Area to be Treated	Pounds of DURSBAN 1G	Gallons of Water To Sprinkle on Turf After Treatment
1,000 sq. ft.	2.5	30
5,000 sq. ft.	12.5	150
10,700 sq. ft.	25.0	325

*To control certain white grubs (larvae of European chafer and Japanese beetle) use two to four times the amounts of DURSBAN 1G shown in the table, i.e. 5 to 10 pounds per 1,000 sq. ft. Apply the granules uniformly over the area treated followed immediately by thorough watering to wash the insecticide into the turf. For best results 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 proper time to treat in your area.

†To control Hyperodes (turfgrass) weevils use twice the rate of DURSBAN 1G shown in the table. Treat suspected problem areas in mid-April and again in mid-May. Consult your Agricultural Extension Service specialist for best time to treat in your area.

FOR PROFESSIONAL USE ONLY
TO CONTROL CERTAIN TURF PESTS AND MOSQUITO LARVAE
GUARANTEED ANALYSIS

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate] 1%

INERT INGREDIENTS

99%

100%

*DURSBAN® Trademark of the Dow Chemical Company
E.P.A. Reg. No. 11682-24

U.S. Patent No. 3,244,586

CAUTION KEEP OUT OF REACH OF CHILDREN

MAY BE HARMFUL IF SWALLOWED

AVOID EYE CONTACT. WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE RE-USE. FLUSH CONTAMINATED EYES WITH PLENTY OF WATER AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS. KEEP AWAY FROM FOOD, FEEDSTUFFS AND DOMESTIC WATER SUPPLIES.

NOTE TO PHYSICIAN:

Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

MANUFACTURED BY
SIM-CHEM

MINERALS AND CHEMICALS DIVISION • J. R. SIMPLOT COMPANY
Post Office Box 810



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DIRECTIONS FOR CONTROL OF TURF PESTS

Control Webworms (Lawn Moths), Ants, Brown Dog Ticks, Crickets, Cutworms, Grubs, certain White Grubs* and Hyperodes (Turfgrass) Weevils infesting ornamental turf areas.

Apply granular insecticide uniformly to home lawns and other ornamental and recreational lawns by hand or power operated gravity or rotary type spreader designed for application of granules. Apply when insects first appear using DURSBAN 1G at the rate of 100 pounds per acre for uniform distribution, apply one-half the required amount of product in each direction; then turn the spreader at a right angle. Immediately after application sprinkle the turf with 130 gallons of water. Push the granules into the zone of insect infestation. Consult the following table to determine the amount of DURSBAN 1G and water needed for smaller sized areas. Re-treat as necessary.

RATES TO USE

Pounds of DURSBAN 1G	Gallons of Water To Sprinkle on Turf After Treatment
2.5	30
12.5	150
25.0	325

For grubs (larvae of European chafer and Japanese beetle) use two to four times the rate of DURSBAN 1G shown in the table, i.e. 5 to 10 pounds per 1,000 sq. ft. Apply the granules and immediately followed immediately by thorough watering to wash the insecticide into the soil. Treat when grubs are young and actively feeding near the soil surface, usually in late May. Consult your local Agricultural Extension Service specialist for proper timing.

For turfgrass weevils use twice the rate of DURSBAN 1G shown in the table. Treat in mid April and again in mid-May. Consult your Agricultural Extension Service specialist for proper timing and treatment in your area.

USE DIRECTIONS FOR CONTROL OF MOSQUITO LARVAE

To be applied only by trained personnel of Public Health Departments, Public Mosquito Control Programs and other authorized agencies. Use DURSBAN 1G granular insecticide to control mosquito larvae in pools, intermittently flooded areas, stagnant water, and other breeding sites for these pests. Apply using any hand or rotary type spreader or seeder or with aerial application of the granules.

Flooded Area Treatment: Apply uniformly over the area where larvae are present. Use DURSBAN 1G at the rate of 2.5 to 5.0 pounds of active ingredient per acre.

Pre-Hatch Treatment: Many mosquito breeding areas are present throughout the year, yet these areas contain mosquito eggs when flooding occurs. To control these larvae uniformly, apply DURSBAN 1G over the known breeding sites prior to the time the larvae hatch. Use 2.5 pounds of active ingredient per acre.

USE PRECAUTIONS

This product is toxic to fish, birds, and other wildlife (except when applied for mosquito larvae control, in shallow water). Shrimp and crab may be killed at low concentrations. Do not apply where these are important resources. Consult your local Agricultural Extension Service specialist for proper use of this product for mosquito control. Do not apply to water bodies.

Do not contaminate water by cleaning of equipment or disposal of empty containers. Dispose of empty containers and wastes by burning or by other means specified on this label.

Dispose of empty containers and wastes by burning or by other means specified on this label.

Keep children and pets off treated area until the granules have been washed into the soil.

NOTICE: Seller warrants that the product conforms to the purposes stated on the label when used in accordance with the directions. But neither this warranty nor any other warranty is made by the seller.

HEM

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GUARANTEED ANALYSIS

ACTIVE INGREDIENT:

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USE DIRECTIONS FOR CONTROL OF MOSQUITO LARVAE

To be applied only by trained personnel of Public Health Organizations, Mosquito Abatement Districts, Public Mosquito Control Programs and Professional Pest Control Operators.

Use DURSBAN 1G granular insecticide to control mosquito larvae in standing water, temporary rain pools, intermittently flooded areas, stagnant water, log ponds and similar non-crop areas that serve as breeding sites for these pests. Apply using any hand operated or ground vehicular mounted gravity or rotary type spreader or seeder or with aerial application equipment that will provide uniform distribution of the granules.

Flooded Area Treatment: Apply uniformly over flood water impoundments whenever mosquito larvae are present. Use DURSBAN 1G at the rate of 2.5 to 5 pounds per acre. This rate is equivalent to 0.025 to 0.05 pound of active ingredient per acre.

Pre-Hatch Treatment: Many mosquito breeding areas are not covered by water during certain months of the year, yet these areas contain mosquito eggs from which larvae will hatch and grow to maturity when flooding occurs. To control these larvae uniformly apply DURSBAN 1G at the rate of 10 pounds per acre over the known breeding sites prior to the time flooding is expected. This rate is equivalent to 0.1 pound of active ingredient per acre.

USE PRECAUTIONS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds and tidal marshes (except when applied for mosquito larvae control, then use only around the borders of these areas and in shallow water). Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Consult your State Fish and Game Agency before applying this product for mosquito control. Do not apply where runoff is likely to occur.

Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Dispose of empty containers and wastes by burning or burying in non-croplands away from domestic water supplies.

Keep children and pets off treated area until the granules watered into the soil and the area is dry.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use.