

PM 04

28293-202

9-15-93

1/20/6

UNICORN DURSBAN* 1.0%G GRANULES

Contains 1.0% Chlorpyrifos

FOR USE IN LAWNS, GARDENS AND AROUND HOMES

**Kills and Controls Chinch Bugs, Sod Webworms (Lawn Moths),
Ants, Fleas, Brown Dog Ticks, Crickets, Certain White Grubs**,
Cutworms, Earwigs, Sowbugs (Pillbugs) and Hyperodes
(Turfgrass) Weevils***Infesting Home Lawns and Other
Ornamental Turf Areas.**

**Kills and Controls Vegetable Soil Insects such as:
Root and Onion Maggots, Corn Rootworm & Flea Beetle Larvae,
Cutworms, Billbugs, Seed Corn Beetle & Maggot,
Grubs, Lesser Cornstalk Borer, and Symphylans.**

ACTIVE INGREDIENT:

Chlorpyrifos (0,0,-diethyl 0-(3,5,6-trichloro-
2-pyridyl) phosphorothioate) 1.0%

INERT INGREDIENTS: 99.0%

Total: 100.0%

*Dursban is a registered trademark of DowElanco

Keep Out of Reach of Children

CAUTION

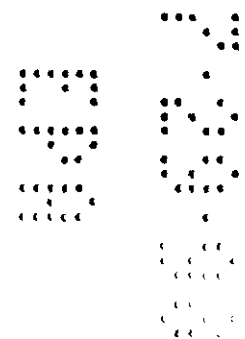
See Side/Back Panels for Additional Precautionary Statements

NET CONTENTS: _____

ACCEPTED
SEP 15 1998
<small>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 28293-202</small>

MANUFACTURED BY:

Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, Florida 33762



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep away from food, feedstuffs and domestic water supplies. Keep children and pets off treated areas until this material is washed into the soil and grass is dry. Wash contaminated clothing before reuse. Do not take internally.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

Statement of Practical Treatment

- IF SWALLOWED:** Call a physician or Poison Control Center. 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 person.
- IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.
- IF ON SKIN:** In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. Thoroughly launder clothing before wearing again.
- IF INHALED:** Remove victim to fresh air if symptoms of cholinesterase inhibition appear and get medical attention immediately.

NOTE TO PHYSICIAN: Chlorpyrifos is a Cholinesterase inhibitor. Treat symptomatically. Atropine, by injection, is antidote of choice.

STORAGE AND DISPOSAL

- STORAGE:** Keep container tightly closed when not in use. Store in a cool, dry area, preferably in a locked area.
- DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse bag. Wrap bag 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.

LAWN & PERIMETER INSECTS

Apply granules uniformly to home lawns and other ornamental and recreational turf areas using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear, using granules 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 1300 gallons of water per acre so as to wash the granules into the zone of insect infestation.

Consult the following table to determine the amount of granules and water needed for small sized areas. Re-treat as necessary.

RATES TO USE

<u>Areas to be Treated</u>	<u>Pounds DURSBAN* 1.0%G</u>	<u>Gals. of Water to Sprinkle on Turf after Treatment</u>
1,000 sq. ft.	2.5	30
5,000 sq. ft.	12.5	150
10,000 sq. ft.	25.0	300

Fleas and Brown Dog Ticks: Thoroughly apply granules as a spot treatment to infested areas such as:

OUTSIDE PET RESTING AREAS: Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. Do not apply this product indoors. To control the source of your flea infestation, treat pets with a product registered for direct application to pets.

YARD AREAS: Apply granules uniformly to home lawns, under shrubbery and other ornamental recreational turf grass areas. Treat when insects first appear using Granules at the rate of one pound per 400 sq. ft. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, sprinkle the turf with 20 gallons of water per 400 sq. ft. so as to wash the granules into the zone of insect infestation. Re-treat as necessary.

DO NOT TREAT PETS WITH THIS PRODUCT

PERIMETER TREATMENT: To help prevent infestation of buildings by Ants, Crickets, Earwigs and Sowbugs (Pillbugs): treat a band 6 to 10 feet wide around and adjacent to the buildings where pests are active and may find entrance. Distribute granules uniformly using the appropriate rates listed in the table for the pests to be controlled.

IMPORTED FIRE ANT-MOUND TREATMENT. REQUIRES NO WATERING. For use in home lawns, under shrubbery and other ornamental recreational turf grass areas as an aid in the control of the Imported Fire Ant. Apply one-half cup (4 tablespoons) of Unicorn Dursban 1.0%G Granules to the center of the mound and out two feet surrounding it. Do not water in or disturb the mound. Apply when temperatures are between 65° and 80° degrees F. Treat new mounds as they appear.

**To Control Certain White Grubs (larvae of European chafer and Japanese Beetle): Use two to four times the amounts of granules shown in the table (i.e., 5-10 lbs. per 1,000 sq. ft.). After application, apply enough water to thoroughly 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 for proper time to treat in your area.

***To Control Hyperodes (Turfgrass) Weevils: Use twice the rate of granules shown in the table. Treat suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for best time to treat in your area.

Chinch Bugs: Apply 2 to 3 2/5 lbs. per 1000 sq. ft. (10 to 17 lbs. per 5000 sq. ft.) when activity or damage appears. To prevent damage apply as soon as daily temperatures reach 80 degrees and repeat every 2 months.

Ants, Crickets, Grasshoppers and Sowbugs (Pillbugs): Apply 2 2/3 lbs. per 1000 sq. ft. (13 lbs. per 5000 sq. ft.)

Cutworms, Earwigs: Apply 1 3/5 lbs. per 1000 sq. ft. (8 lbs. per 5000 sq. ft.).

European Crane Fly Larvae (Maggot): For control use 3 lbs. per 1000 sq. ft. Make application when damage is noticed or there are in excess of 20 larvae per sq. ft. Contact your Cooperative Agricultural Extension Service for proper timing to treat in your area.

To Control Billbug Larvae: Apply 2 1/2 to 10 lbs. per 1000 sq. ft. when larvae are present.

VEGETABLE GARDEN SOIL INSECTS

<u>Crop</u>	<u>Pest</u>	<u>Amount Per 50 row ft.</u>	<u>Pounds Per 1000 sq. ft.</u>	<u>Use Directions</u>	<u>Restrictions</u>
Broccoli	Root	3 2/5 oz.	--	Apply in seed furrow at planting and in a band across top of row, and mix into soil to a depth of 3-4 inches. Do not apply more than 5 1/6 lbs. of this product to 1000 sq. ft. of 20 in. rows, or per 1000 sq.ft. At any spacing.	Do not make more than one application per season. Do not use rutabaga tops for food or feed purposes.
Brussels Sprouts	Maggots	to 6 4/5 oz.			
Cabbage					
Cauliflower					
Chinese Cabbage					
Collards					
Kale					
Kohlrabi					
Rutabagas					
Turnips					
Radishes	Root Maggots	2-2/3 ozs.	--	Apply the granules in the seed furrow with the seed at planting time. Do not apply more than 6 1/4 lbs per 1000 sq. ft.	Do not make more than one application per season.
Onions (dry bulb)	Onion Maggots	2-3/4 ozs.	--	Apply the granules in furrow at 18-in. row spacing.	Do not make more than one application per season.
Sweet Corn	Northern Southern & Western Corn root worm larvae	6 ozs.	--	For rootworm, cutworm, billbug, borer, symphylans, wireworm, seed corn maggot, seed corn beetle, and grubs, apply in the seed furrow with the seed at planting, and across top of row.	Do not apply within 35 days before harvest. Do not exceed 12 ozs. per 50 ft. of row or 4 2/3 lbs. per 1000 sq. ft. per crop season.
	Cutworms	6 ozs.	2 1/3 to 4 2/3 lbs.		
	Wireworms*	6 to 12 ozs.	4 2/3 lbs.		
	Billbugs	6 to 12 ozs.	4 2/3 lbs.		
	Seed corn maggot	6 ozs.	--	For cutworms, wireworms, billbugs, grubs, and flea beetle larvae, apply before planting by distributing	

Page 6

Grubs	12 ozs.	4 2/3 lbs.	granules uniformly over area and mixing in soil to a depth of 4 - 6 inches.
Lesser comstalk borer	6 to 12 ozs.	--	
Seed corn beetle	6 to 12 ozs.	--	For best rootworm control, apply at cultivation time by working in granules at the base of the plants on both sides of the row, and cover with soil.
Flea beetle larvae	--	4 2/3 lbs.	
Symphylans	6 to 9 ozs.	--	

* 6 oz. rate - suppression only.

SPREADER SETTING

To help obtain uniform distribution, apply one-half the required amount of product in one direction, then apply the balance at right angle.

SPREADER TYPE	RATE IN LBS. PER 1,000 SQ. FT.			
	2-1/2	3-1/2	5	10
Lilly Miller	4-3/4	5-3/4	7	12-1/2
Ortho 3000 Drop Spreader	7	8	9	*
Ortho 4000 Broadcast Spreader	6	7	9	13
Scotts Pf-1, Pf-2 Drop Spreader	5-1/2	6-1/2	7-1/2	10-1/2
Scotts Easy Green Broadcast Spreader	26-1/2	27-1/2	29-1/2	*
Red Devil SB 50-P Broadcast Spreader	3	4-1/2	6	*
Red Devil SB 82-P Broadcast Spreader	3	4-1/2	6	*
Red Devil FH 22 Drop Spreader	4-1/2	5-1/2	6-1/2	*
Central Plastic Drop Spreaders	5-1/2	6-1/2	7-1/2	10-1/2
Sears Plastic Drop Spreaders	5-1/2	6-1/2	7-1/2	10-1/2

* Spreader manufacturer recommends two applications at the 5 lb. setting.

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, but neither this warranty nor any other warranty of MERCHANTABILITY of

6276

FITNESS FOR A PARTICULAR PURPOSE, express or implied extends to the use of this product contrary to label instruction or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

THIS CONTAINER IS FILLED BY WEIGHT NOT BY VOLUME. YOU CAN BE ASSURED OF THE PROPER WEIGHT EVEN THOUGH SOME SETTLING OF CONTENTS NORMALLY OCCURS DURING TRANSPORTATION AND HANDLING.

