

MAR 6 1992

Mr. Barry J. Santerre  
Unicorn Laboratories  
1900 118th Avenue North  
St. Petersburg, FL 34643

**BEST AVAILABLE COPY**

Dear Mr. Santerre:

Subject: Additional use  
Unicorn Dursban 2.5%G Granules  
EPA Registration No. 28293-201  
Amendment application of November 27, 1991

We have reviewed the revised Confidential Statement of Formula. This information is acceptable and will be placed in our file for your product. Please note, the EPA Registration No. 464-519 have been transferred to the new EPA Reg. No. is 52710-66.

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

CONCURRENCE:

SYMBOL							
SURNAME							
DATE							

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A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DHE

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

Enclosure

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ACCEPTED  
with COMMENTS  
in EPA Reg. No. 28293-201

MAR 6 1992

**UNICORN**

**DURSBAN\* 2.5%G GRANULES**

**Contains 2.5% Chlorpyrifos**

Insecticide,  
registered under Insecticide Act,  
and under the pesticide  
registered under EPA Reg. No.  
28293-201

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

**Controls the Imported Fire Ant in Nursery Bench and Potting  
Media and in Field Grown Ornamentals Intended for Use on  
Ornamental Plants Grown Outdoors in Containers.**

**ACTIVE INGREDIENT:**

Chlorpyrifos (0,0,-diethyl 0-(3,5,6-trichloro-  
2-pyridyl) phosphorothioate)..... 2.5%

**INERT INGREDIENTS:..... 97.5%**

**100.0%**

\*Dursban trademark of the Dow Chemical Company

**Keep Out of Reach of Children**

**CAUTION**

**See Side/Back Panels for Additional Precautionary Statements**

**NET CONTENTS: \_\_\_\_\_**

**MANUFACTURED BY:**

Unicorn Laboratories  
1002 118th Avenue North  
St. Petersburg, Florida 33716

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Wash thoroughly after handling. Wash contaminated clothing before reuse. 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.

**Environmental Hazards**

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a Cholinesterase inhibitor. Treat symptomatically. Atropine, by injection, is antidote of choice. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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 40 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* 2.5%G</u>	<u>Gals. of Water to Sprinkle on Turf after Treatment</u>
1,000 sq. ft.	1	30
5,000 sq. ft.	5	150
10,700 sq. ft.	10	325

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

PETS BEDS: 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 an E.P.A. approved 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 1,000 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 50 gallons of water per 1,000 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

Cockroaches: To help prevent infestation of buildings by cockroaches, treat a band 6 to 10 feet wide around and adjacent to the building where pets are active and may find entrance. Treat at a rate of one pound per 1,000 square feet.

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**\*\*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., 2-4 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.

**Apply for the control of Imported Fire Ants in nursery bench and potting media:** Thoroughly mix 1 pound of this product per cubic yard of media. Use equipment suitable to give uniform distribution of granules.

**To treat Field Grown Woody Ornamentals (Bailed and Burlapped Stock):**

1. To be used as a preharvest treatment on non-food bearing field grown woody ornamentals. Use this product in combination with an imported fire ant bait approved by USDA (APHIS/PPQ) for use in fire ant quarantine program.
2. Apply this product 3-5 days after approved bait application, with equipment capable of uniform distribution at a rate of 250 lbs. per acre or 4 lbs. per 750 sq. ft. (6 lbs. A.1. per acre). This application will provide a 60-day certification period following a 30-day exposure period.
3. To extend certification period, re-treat areas with this product every 90 days.
4. Use this product only in accordance with USDA guidelines.
5. Do not use plants for food or feed purposes which have been exposed to soil treated with this product.

#### **STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry area inaccessible to children and domestic animals.

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

**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 or 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.**