

AUG - 8 1994

Mr. Barry J. Santerre
Unicorn Laboratories
One Corporate Drive, Suite 400
Clearwater, Florida 34622

Dear Mr. Santerre:

Subject: Addition of Fire Ant Mounds and Front Panel Use Sites
Unicorn Dursban 2.5%G Granules
EPA Registration No. 28293-201
Your Application Dated May 17, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), 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. Make the following labeling change before you release the product for shipment bearing the amended labeling:

- In the Directions for Use reference to pet beds, delete the term "EPA Approved". This phrase implies Agency endorsement. Change the statement to read: "Treat pets with a product registered by the EPA for direct application to pets".

3. Submit two (2) 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 sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

277

We have also reviewed the Confidential Statement of Formula (CSF), dated May 17, 1994. The CSF documents the Basic Formulation for this product; it is acceptable and has been added to our files.

Sincerely yours,

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

Enclosure

UNICORN

DURSBAN* 2.5% GRANULES

Contains 2.5% Chlorpyrifos

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.**

Use for Crawling Insect Control Outside of Homes, Apartments, Condominiums, Warehouses, Hospitals, Schools, Food-Handling Establishments and Commercial Buildings.

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 DowElanco

Keep Out of Reach of Children

CAUTION

See Side/Back Panels for Additional Precautionary Statements

NET CONTENTS: _____

ACCEPTED
with COMMENTS
in EPA Letter Dated

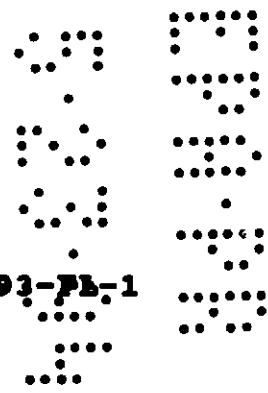
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

28293-201

MANUFACTURED BY:

Unicorn Laboratories
1000 118th Avenue North
St. Petersburg, Florida 33716



**EPA REG. NO. 28293-201WPS(E:2/24/94)
(PRN93-3)**

EPA EST. NO. 28293-PB-1

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: 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. 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.

Personal Protective Equipment: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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 directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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
Organophosphate

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, immediately wash skin with plenty of soap and water.

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.

Braille characters including a page number '-2-' and various dot patterns.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

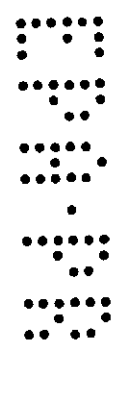
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: **Coveralls, Waterproof gloves, and shoes plus socks.**

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.



6 9 7

RATES TO USE

Areas to be Treated	Pounds DURSBAN* 2.5%G	Gals. of Water to Sprinkle on Turf after Treatment
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

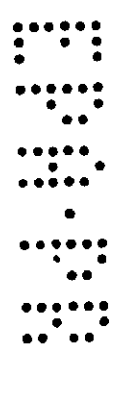
Cockroaches: To help prevent infestation of buildings by cockroaches, treat a band 6 to 10 feet wide around and adjacent to the building where pests are active and may find entrance. Treat at a rate of one pound per 1,000 square feet.

****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 Hypodermodes (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.

Imported Fire Ant Control - Mound Treatment:

For treatment of Fire Ant mounds occurring in lawns, turf and premise areas, treat individual ant mounds measuring 3 to 12 inches in diameter by applying 3 tablespoons (0.6 oz) of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment then by applying 2 tablespoonfuls (0.4 oz.) sprinkled evenly over the center of the mound. 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.



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.

