



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 M St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 192-180

Date of Issuance:
APR 08 1993

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: **Until Reregistration**

Name of Pesticide Product:
Dexol Dursban Granules Insect Control

Name and Address of Registrant (include ZIP Code):

**Dexol Industries
 1450 West 228th Street
 Torrance, California 90501**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 192-180."
- b. On page 4, in the section on WHITE GRUB CONTROL, substitute the following directions: "Apply Dexol Dursban Granules Insect Control at 5 lbs. per 1,000 sq. ft. SEE SPREADER SETTINGS ON SIDE OF BAG. When high populations of grubs are present in the area to be treated, a repeat application of 5 lb. per 1,000 sq. ft. may be made 7 to 14 days following the initial application. Apply the granules uniformly over the treated area, followed immediately by a thorough watering to wash the insecticide into the soil. For

Signature of Approving Official:

DENNIS H. EDWARDS

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

Date:

APR 08 1993

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."

- c. On page 4, the section "FOR CONTROL OF TICKS INFESTING AREAS AROUND HOUSES AND IN YARD AREAS" must contain the directions, "Use the same dosage recommended on Home Lawns", preferably as the first sentence in the section. In the last sentence of the Note to the section, correct the spelling of "aid."
- d. Substitute the following ENVIRONMENTAL HAZARDS statement: "This product is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters."

3. Submit two copies of the revised final printed label for the record.

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 constitutes acceptance of these conditions.

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

Sincerely yours,

DENNIS H. EDWARDS

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

Enclosure

[FRONT PANEL BAG]

3 8 9

ACCEPTED
with COMMENTS
to EPA Letter dated

APR - 8 1993

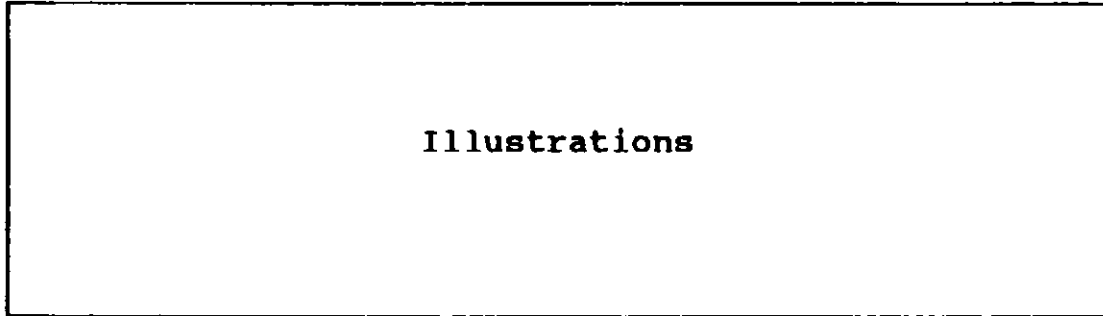
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

192-180

DEXOL

DURSBAN[®] GRANULES

INSECT CONTROL



Illustrations

- * For Home Lawns, Flower Beds, Under Shrubbery, and Other Ornamental Turf Areas
- * For control of Chinch Bugs, Sod Webworms (Lawn Moths), Ants, Ticks, Crickets, Cutworms, Earwigs, Fleas, Sowbugs (Pillbugs), Certain White Grubs and Hyperodes (Turfgrass) Weevils and more.

Active Ingredient:

*Chlorpyrifos [0,0-diethyl 0-3,5,6-trichloro-2-pyridyl) phosphorothioate].....1.00¢

Inert Ingredients:.....99.00¢

Total.....100.00¢

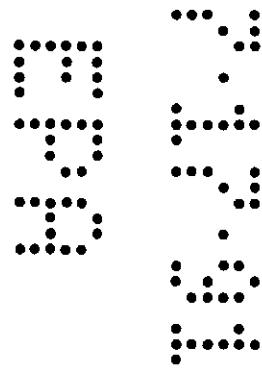
*Dursban[®]-Registered Trademark of DowElanco

KEEP OUT OF REACH OF CHILDREN

CAUTION

**SEE BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

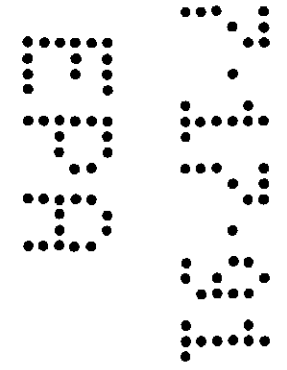
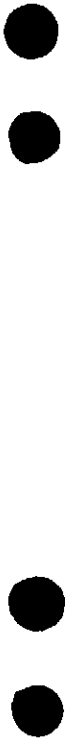
NET WT. 10 LBS.



4 of 9

[SIDE/TOP AND BOTTOM GUSSETS]

DEXOL DURSBAN GRANULES INSECT CONTROL



[BACK PANEL]
DEXOL

DURSBAN GRANULES

INSECT CONTROL

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Dexol Dursban Granules Insect Control controls Chinch Bugs, Fleas, Ants, Crickets, Sowbugs (Pillbugs), Billbugs, Cutworms, Grasshoppers, Boxelder Bugs, Clover Mites, Sod Webworms (Lawn Moths), Chiggers, Fireants, Earwigs, Hyperodes (turfgrass) Weevils, European Crane Fly Larvae, White Grubs, and Ticks (including deer ticks).

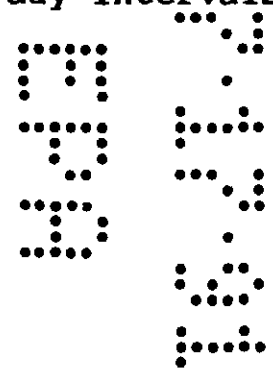
HOW TO APPLY: Apply Dexol Dursban Granules Insect Control uniformly to Home Lawns at the rate of 2 1/2 lbs. per 1,000 sq. ft. Use the table below to determine the amounts of Dexol Dursban Granules Insect Control to use. Apply with any hand or power operated gravity or rotary type spreader designed for application of granular materials. SEE SPREADER SETTINGS ON SIDE OF BAG. Treat when insects first appear; retreat as needed.

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, thoroughly water the treated turf to wash the insecticide into the zone of insect infestation.

Area to be Treated	Pounds for Lawn & Perimeter	Gallons of Water to Sprinkle on Area after Treatment
400 Sq. Ft.	1 lb.	5 gallons
1,000 Sq. Ft.	2.5 lbs.	30 gallons
5,000 Sq. Ft.	12.5 lbs.	150 gallons
10,000 Sq. Ft.	25 lbs.	300 gallons

CHINCH BUGS: Apply when insects appear and/or their damage is imminent. Control will last up to 8 weeks. To prevent damage apply as soon as daily temperatures reach 80° and repeat every 2 months.

SOD WEBWORMS: Delay watering or mowing the treated area for 12-24 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.



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WHITE GRUB CONTROL: (such as : larvae of Japanese Beetle, Black Turfgrass ataeinus, European chafer, and Southern Masked chafer) Apply Dexol Dursban Granules Insect Control at 5-10 lbs. per 1,000 sq. ft. SEE SPREADER SETTINGS ON SIDE OF BAG. Apply the granules uniformly over the area to be treated, followed immediately by a thorough watering to wash the insecticide into the turf. For best results remove thatch first & 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.

EUROPEAN CRANE FLY larvae: Apply 3.5 lbs. of Dexol Dursban Granules Insect Control per 1000 sq. ft. SEE SPREADER SETTING ON SIDE OF BAG. Immediately after application, sprinkle the turf with 30 gallons of water per 1,000 sq. ft. For timing of applications you should consult your local Agricultural Extension Service.

TURFGRASS WEEVIL CONTROL (larvae of Hyperodes weevil): Apply 5 lbs. of Dexol Dursban Granules Insect Control per 1,000 sq. ft. SEE SPREADER SETTING ON SIDE OF BAG. Apply the granules uniformly over the area to be treated. Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist.

TO HELP PREVENT INFESTATION OF BUILDING BY INSECTS BY: Ants, Crickets, Sowbugs (pillbugs), Earwigs, Ticks, Spiders, Crickets, Fleas, Clover Mites, Boxelder Bugs: Use 1 lb. to treat 400 sq. ft. (as a band 5 ft. x 40 ft. long) 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. Keep children and pets off treated area until granules are sprinkled in the area is dry.

TO CONTROL INSECTS IN FLOWER GARDENS AND UNDER AND AROUND SHRUBBERY SUCH AS: Ants, Crickets, Sowbugs (pillbugs), Earwigs, ticks, Cutworms, Grasshoppers, Armyworms. Apply evenly over soil within flower beds and under shrubbery. Use the same dosage recommended on turf.

FIRE ANT CONTROL (for Individual Fire Ant Mounds): Apply Dexol Dursban Granules Insect Control at a rate of 2 ounces (4 tablespoons) per active mound. Sprinkle granules gently and evenly over surface of mound and out approximately two feet surrounding the mound. Avoid disturbing ants. NOTE: For best results, apply in cool weather, 65°-80°, or in early morning or late evening hours. Treat new mounds as they appear.

FOR CONTROL OF TICKS INFESTING AREAS AROUND HOUSES AND IN YARD AREAS: Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patios. Treat edges or perimeter of yard area where grass and other ground cover plants exist and other areas that appear likely to serve as harborage sites for ticks that have removed themselves from their host. Prior to and following treatment, weeds and high grasses should be kept trimmed to reduce tick harborage sites. Rodents can serve as hosts for ticks. Rock piles, wood piles, and other rodent habitats should be removed or

reduced. Key months for deer tick control are April through November in most parts of the country. For specific timing of application in your geographic area, contact your local extension service.

NOTE: During application tuck pant legs into socks to avoid tick bites. An insect repellent sprayed onto lower legs and socks should give additional protection from possible bites. Wearing light colored pants and socks will air in spotting ticks that may attack during treatment.

STORAGE & DISPOSAL

STORAGE: Store in a cool, dry place. Keep in original container and preferable in a locked storage area. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse container. Discard container in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Keep out of reach of children. May be harmful if swallowed. Do not take internally. Avoid inhaling dust. Avoid eye contact. 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.

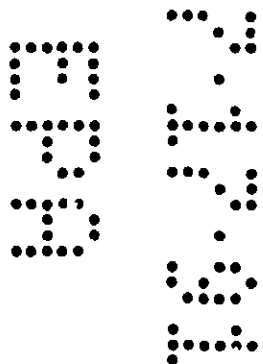
Statement of Practical Treatment

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 inhaled:** remove victim to fresh air. If symptoms of cholinesterase inhibition appear get medical attention immediately. **If on Skin:** Wash thoroughly with soap and water. Get medical attention if irritation persists. **If in Eyes:** Flush with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not feed treated grass clippings to livestock. Apply this product only as specified on this label.



NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and /or handling of this material when such use and /or handling is contrary to label instructions.

<p>UPC Code</p> <p>078493</p>

Dexol Industries
Torrance, CA. 90501

EPA Reg. No. 192-
EPA Est. No. 192-CA-1

Draft June 10, 1991

<p>078493</p>	<p>078493</p>
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[Side Gusett]

SPREADER SETTINGS

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

Spreader settings are approximate. Your spreader may need recalibrating due to age and use. Test proper working condition by placing 1.25 lb. of GRANULES into your spreader using the setting at the 2.5 lb. rate. Apply over a pre-measured area of 500 Sq. Ft. (5 ft. x 100 ft. long). If the spreader contains granules at the end of the test, open the spreader 1/2-3/4 setting; if granules have run-out before the end of the test, close (shut) the spreader 1/2 -3/4 setting. Repeat test if indicated. Insects may not be killed and control may be 'Spotty' if your spreader does not apply the exact recommended amount per 1,000 sq. ft as found on this label.

Spreader	RATE IN LBS. PER 1,000 SQ. FT.			
	2 1/2	3 1/2	5	10
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 Spreader	5 1/2	6 1/2	7 1/2	10 1/2
Sears Plastic Drop Spreader	5 1/2	6 1/2	7 1/2	10 1/2
* Spreader Manufacturer recommends two applications at the 5 lb. setting				