

62719-14

10/23/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 23, 2000

John J. Jachetta, Ph.D.  
Regulatory Manager  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Subject: Chlorpyrifos 0.5% EUP  
Dursban 1/2G Granular Insecticide  
EPA Reg. No. 62719-14  
Submission date: 8/9/00

Dear Dr. Jachetta,

The revised product labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you incorporate the Agency's conditions as enumerated in this letter below and submit two copies of your final printed label prior to releasing the product for shipment.

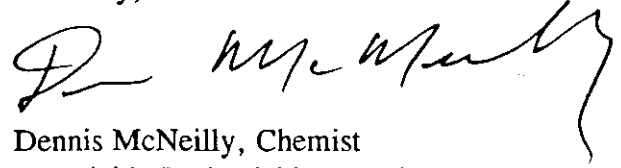
1) Individual fire ant mound treatments may only be made in connection with public health programs. Therefore the label must specify "For Professional Use Only".

The conditions of paragraph 5 of the June 2000 Memorandum of Agreement apply to this label amendment, specifically this amended label is effective December 1, 2000. Failure to comply with any of the conditions of registration set forth in Paragraph 10 of the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e). Submit two copies of the revised final printed label 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have questions, please contact Marianne Lewis at (703) 308-8043 or electronically at Lewis.Marianne@EPA.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly", written in a cursive style.

Dennis McNeilly, Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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(Base Label)

(Logo) Dow AgroSciences LLC

# Dursban\* 1/2G Granular Insecticide

- Ready To Use Granules With Built In Applicator
- Contains Dursban Insecticide
- Treats Up To 1,000 sq ft

For control of various insects (and other arthropods) infesting golf course turf areas.

Active Ingredient(s):

chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)phosphorothioate .....	0.5%
Inert Ingredients .....	99.5%
Total .....	100.0%

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
OCT 23 2000

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

62719-14

Keep Out Of Reach Of Children

## CAUTION

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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

##### May Be Harmful If Swallowed

Do not take internally. Avoid inhaling dust. Avoid contact with eyes. 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.

##### First Aid

**If swallowed:** Call a physician or poison control center. Drink one or two 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 and get medical attention immediately.

**If on skin:** Wash thoroughly with soap and water.

**If in eyes:** Flush with plenty of water. Get medical attention.

**Note To Physician:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine, by injection only, is antidotal.

##### Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

EPA Reg. No. 62719-14

EPA. Est. XXXXX-XX-XX

\*Trademark of Dow AgroSciences LLC  
Dow AgroSciences LLC • Indianapolis, IN 46268, U.S.A.

## **Insecticide**

**Net Contents - \_\_\_\_\_**

[Note to Label Editor: Minimum package size is 25 lbs per EPA Memorandum of Agreement Dated June 7, 2000.]

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(Label Booklet)

(Logo) Dow AgroSciences LLC

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(3,5,6-trichloro-2-pyridinyl)	
phosphorothioate .....	0.5%
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Total .....	100.0%

**Keep Out Of Reach Of Children**

EPA Reg. No. 62719-14

EPA. Est. XXXXX-XX-XX

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## Insecticide

## Net Contents - \_\_\_\_\_

[Note to Label Editor: Minimum package size is 25 lbs per EPA Memorandum of Agreement Dated June 7, 2000.]

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**Precautionary Statements**

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Do not take internally. Avoid inhaling dust. Avoid contact with eyes. 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.

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**Directions for Use**

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

**Do Not Use This Product Indoors.**

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in original container. Do not store above 100°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**Pesticide Disposal:** wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## Insect Control for Golf Course Turf Areas

### Insects Controlled Include:

Chinch Bugs	Sod Webworms (lawn moths)
Fleas	Chiggers
Ants	(1) Fire Ants
Crickets	Armyworms
Sowbugs (pillbugs)	Earwigs
Billbugs	
Cutworms	
Grasshoppers	
Boxelder Bugs	
Clover Mites	

(#) Numbers in parentheses refer to specialized application directions.

### Dosage Rates

Area To Be Treated	Pounds Of Dursban 1/2G
1.000 sq ft	5.0 pounds
2.500 sq ft	12.5 pounds
4.000 sq ft	20.0 pounds
5.000 sq ft	25.0 pounds
10.000 sq ft	50.0 pounds

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

### Spreader Settings

Application rate (lb per 1.000 sq ft)	Lilly/Miller	Central	Scotts	Ortho Drop
5	6.0	6.75	6.0	5.5

**Applications (To Turf):** Apply Dursban 1/2G uniformly to golf course turfgrass at the rate of 5 pounds per 1.000 sq ft, or 4 pounds per 800 sq ft. Consult the table below to determine the amounts of Dursban 1/2G needed for larger-sized areas. Use any hand- or power-operated gravity or rotary type spreader designed for application of granular materials. To help obtain uniform distribution of Dursban 1/2G on the turfgrass, apply one-half of the required amount of product in one direction; then apply the balance at a right angle.

### Specific Directions

- 1. Fire Ant Control (for individual fire ant mounds):** Apply Dursban 1/2G at a rate of 4 ounces (8 tablespoons) per active mound. Sprinkle granules gently and evenly over surface of mound and out approximately two feet surrounding the mound. Avoid disturbing ants. For best results, apply when ants are least active in cool weather, 65°F to 80°F, or in early morning or late evening hours. Treat new mounds as they appear.

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**Warranty Disclaimer**

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Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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**Inherent Risks of Use**

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

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**Limitation of Remedies**

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The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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EPA Accepted: \_\_\_/\_\_\_/\_\_\_