
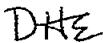


PM.19

62719-276

1/11

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 62719- 276	Date of Issuance: <b>JUN 12 1996</b>
	NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration	Term of Issuance: Until Reregistration	
	(under FIFRA, as amended)	Name of Pesticide Product: Dursban 2.5G	
Name and Address of Registrant (include ZIP Code): DowElanco 9330 Zionsville Road Indianapolis, Indiana 46268-1054			
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. 62719-276."  b. In the list of marketing claims on pages 1-2 delete "Fire ant killer - Kills queen and mound in 24 hours," "More active on fire ants than Amdro or Logic," and "More active against fleas than diazinon, sevin, or permethrin." Revise "Prevents insects from entering your home" to "Helps prevent insects from entering your home."			
Signature of Approving Official:    Dennis H. Edwards, Jr. Product Manager (19) Insecticide-Rodenticide Branch Registration Division (7505C)		Date:  <b>JUN 12 1996</b>	

d. On page 3, revise the precautionary statement to "Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

e. On page 3, revise the First Aid section to:

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

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. If person is unconscious, do not give anything by mouth and do not induce vomiting.

[or] 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, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

The Note to Physician is acceptable.

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,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure



4/11

## Dursban\* 2.5G

For control of various insects (and other arthropods) infesting lawns and other ornamental turf areas, flower beds, under shrubbery, areas around buildings, and certain vegetable crops

and/or

Contains Dursban

and/or

Contains Dursban - the solution to insect problems

and/or

Treats up to 10,000 sq ft

and/or

Treats from 5,000 to 10,000 sq ft

and/or

Ready-to-use granules

and/or

Do-it-yourself insect control

and/or

Can be applied spring, summer, and fall

and/or

Effective European Crane fly control

and/or

Effective home barrier treatment

and/or

Kills home invading pests

and/or

Effective outdoor ant control

and/or

Controls fire ants

and/or

For mound treatment control of imported fire ants

and/or

Fire ant killer - Kills queen and mound in 24 hours (data pending)

and/or

More active on fire ants than Amdro or Logic

(supporting data: Mannino and Brewer, 1987)

and/or

Kills lawn insects

and/or

Controls all major lawn insect problems

and/or

Effective insect control in lawns and gardens

and/or

Controls surface insects that live in thatch

and/or

Controls ants, fleas, and ticks in one easy application

and/or

Controls ants, fleas, grubs, and ticks

and/or

For chinch bugs, ants, fleas and other insects

and/or

Control chinch bugs for up to five weeks

(supporting data: Niemczyk and Powell, 1985)

More active against fleas than diazinon, sevin, or permethrin

(supporting data: same as used with WB05 II)

and/or

For flea and tick control

and/or

5/11

Stops fleas and other surface insects  
 and/or  
 Effective grub control  
 and/or  
 Kills grubs and other sub-surface and surface insects  
 and/or  
 Creates and invisible insect barrier around the perimeter of your home  
 and/or  
 Prevents insects from entering your home

Active Ingredient:

chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)  
 phosphorothioate.....

2.5%

Inert Ingredients .....

97.5%

Total .....

100.0%

Keep Out of Reach of Children  
**CAUTION**

EPA Reg. No. 62719-XXX

EPA Est. \_\_\_\_\_

\*Trademark of DowElanco  
 DowElanco • Indianapolis, Indiana 46268, U.S.A.

**Insecticide**

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

6/11

### Precautionary Statements

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

## CAUTION

Harmful If Inhaled Or Absorbed Through The Skin.

Avoid breathing dust. Avoid contact with skin.

#### First Aid

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 if irritation persists.

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.

**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 when disposing of equipment washwaters.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

#### STORAGE AND DISPOSAL

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

**Storage**: Store in original container out of the reach of children and pets. 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. Do not reuse container, discard empty container in trash.



## Applications to Turf

Apply Dursban 2.5G uniformly to home lawns at the rate of 1 pound per 1,000 sq ft. Consult the table above to determine the amounts of Dursban 2.5G 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 2.5G on the lawn, apply one-half of the required amount of product in one direction; then apply the balance at a right angle.

- 1. Fire ant control (for individual fire ant mounds):** Apply Dursban 2.5G at a rate of 1 ounce (2 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 during early morning or late evening hours. Treat new mounds as they appear.
- 2. Turfgrass weevil control (larvae of *Hyperodes weevil*):** Apply 2 pounds of Dursban 2.5G per 1,000 sq ft. Apply the granules uniformly over the area to be treated. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local agricultural extension service specialist for proper time to treat in your geographic area.
- 3. European crane fly larvae control:** Apply Dursban 2.5G at a rate of 1.5 pounds per 1,000 sq ft using any granular application equipment as described above. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. Apply the equivalent of 1/2 to 1 inch of water using sprinkler irrigation or other means of applying water to turf. Consult your local agricultural extension service specialist for timing of application in your geographic area.
- 4. White grub control (such as: larvae of Japanese beetle, black turfgrass atenius, European chafer, and southern masked chafer):** Apply Dursban 2.5G at 2 pounds per 1,000 sq ft (two times the amounts of Dursban 2.5G shown in the table above). When high populations of grubs are present in the area to be treated, a repeat application of 2 pounds of Dursban 2.5G per 1,000 sq ft may be made 7 to 14 days following the initial application. Apply the granules uniformly over the area to be treated. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. Apply the equivalent of 1/2 to 1 inch of water using sprinkler irrigation or other means of applying water to turf. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local agricultural extension service specialist for proper time to treat in your geographic area.
- 5. For control of ticks infesting areas around houses and in yard areas:** To avoid tick bites, tuck pant legs into socks. An insect repellent sprayed onto lower legs and socks can provide additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during treatment. 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.



9/11

**To Prevent Infestation of Buildings by Insects Such as:**

- |                    |               |
|--------------------|---------------|
| ants               | crickets      |
| earwigs            | fleas         |
| sowbugs (pillbugs) | clover mites  |
| ticks              | boxelder bugs |
| spiders            |               |

Treat a band of soil 6 to 10 feet around and adjacent to the perimeter of the building where pests are active and may find entrance. Use the same dosage recommended (1 pound per 1,000 sq ft) for control of these pests on turf found in the application chart.

**To Control the Following Insects in Flower Beds and Under and Around Shrubbery:**

- |                    |              |
|--------------------|--------------|
| ants               | ticks        |
| crickets           | cutworms     |
| sowbugs (pillbugs) | grasshoppers |
| earwig             | armyworms    |

Apply Dursban 2.5G evenly over soil within flower beds and under shrubbery. Use the same dosage (1 pound per 1,000 sq ft) recommended for control of these pests on turf found in the application chart.

**Fire Ants**

Apply Dursban 2.5G at a rate of 1 ounce (2 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 during early morning or late evening hours. Treat new mounds as they appear.

Note: 1 oz = 6 teaspoons = 2 tablespoons = 1/8 cup

**To Control Various Insects in Certain Vegetable Crops:**

**Onions**

**Pests controlled Include:** onion maggot

**At-Plant Application**

Apply 2 1/4 oz (4 1/2 tablespoons) of Dursban 2.5G per 100 feet of row by placing granules in the furrow at planting time. Cover Dursban 2.5G and onion sets with suitable soil.

**Restrictions:** Make only one application per year at planting time.

**Peanuts**

**Pests controlled Include:** cutworms, lesser cornstalk borer, wireworms, and southern corn rootworm larvae

**At-Plant Application**

Apply 4 1/2 (1/2 cup) to 9 ounces (1 cup) of Dursban 2.5G per 100 feet of row by placing granules in a 6 to 12 inch wide band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the Dursban 2.5G into the surface of the soil.

10/11

**Post-plant Application**

Apply 4 1/2 (1/2 cup) to 9 ounces (1 cup) of Dursban 2.5G per 100 feet of row at early flowering stage in a 6 to 12 inch band over the row; or during early pegging in a 10 to 18 inch band over the fruiting zone. Use the 4 1/2 ounce rate only if the 4 1/2 ounce rate was applied at plant. Irrigation or rain following application will enhance activity.

**Restrictions:**

Do not apply more than a total of 9 ounces of Dursban 2.5G per 100 feet of row per season. Do not harvest within 21 days of last treatment. Do not feed peanut forage or hay to meat or dairy animals.

**Sunflowers**

**Pests controlled include:** cutworms

**At-Plant Application**

Apply 5 ounces (5/8 cup) of Dursban 2.5G per 100 feet of row by placing granules in a 7 inch wide band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the Dursban 2.5G into the top 1 inch of soil.

**Restrictions:** Make only one application per year at planting time.

**Sweet Potatoes**

**Pests controlled include:** wireworms, flea beetles and sweet potato beetle

**Pre-Plant Broadcast Application**

Evenly broadcast 1 3/4 pounds of Dursban 2.5G per 1,000 sq ft of planting area over the soil surface and then incorporate the granules down to a depth of 4 to 6 inches. Plant the sweet potatoes in the usual manner no later than 14 days after treatment (any delay in planting will reduce the length of time that Dursban 2.5G will protect against feeding damage by the listed pests). Dursban 2.5G will not control false wireworm or whitefringed beetle and certain other grubs that attack sweet potatoes.

**Restrictions:**

Make only one application per year prior to planting. Do not harvest within 125 days of treatment.

**Brassica (Cole) Vegetables**

**Including:** broccoli, Brussels sprout, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi, rutabagas and turnips.

**Pests controlled include:** root maggot and other pests

**At-Plant Application**

Apply 3 ounces (3/8 cup) to 5 1/2 ounces (3/4 cups) of Dursban 2.5G per 100 feet of row by placing granules in a 4 inch wide band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the Dursban 2.5G into the top 1/4 to 1/2 inch of soil.

**Restrictions:**

Do not make more than one application per season. Do not use rutabaga tops for food or feed purposes.

