

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

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

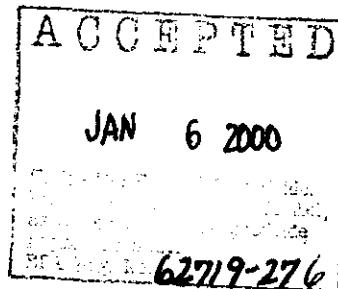
(supporting data: Niemczyk and Powell, 1985)

For flea and tick control

and/or

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
Helps prevent 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

See back/side panel for Precautionary Statements

EPA Reg. No. 62719-276

EPA Est. _____

*Trademark of Dow AgroSciences
 Dow AgroSciences • Indianapolis, Indiana 46268 U.S.A.

Insecticide

Net Contents - _____

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

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.

First Aid

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.

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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

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.

General Information

Dursban* 2.5G insecticide controls various insects (and other arthropods) infesting lawns, ornamental turf areas, flower beds, soil under shrubbery, areas around buildings, and certain vegetable crops.

Do not use this product indoors.

Do not feed grass clippings to livestock.

Approved Uses

Applications to Home Lawns, Flower Beds, Soil under and around Shrubby, and Other Recreational and Ornamental Turf Areas

Insects Controlled Include:

ants (including foraging fire ants)	fleas
armyworms	grasshoppers
billbugs	sod webworms (lawn moths)
boxelder bugs	sowbugs (pillbugs)
chiggers	(1) fire ants
chinch bugs	(2) Hyarodes (turfgrass) weevils
clover mites	(3) European crane fly larvae †
crickets	(4) white grubs †
cutworms	(5) ticks (including deer ticks)
earwigs	

† Indicates that watering in of Dursban 2.5G will increase effectiveness.

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

Dosage Rates

<u>Area To Be Treated</u>	<u>Pounds of Dursban 2.5G</u>
1,000 sq ft	1 pound
2,000 sq ft	2 pounds
4,000 sq ft	4 pounds
5,000 sq ft	5 pounds
10,000 sq ft	10 pounds

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

Appropriate Spreader Settings as a Guide for Calibration

[Editor's note: The subregistrant may include a table of recommended spreader equipment and spreader settings.]

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 ataenius, 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.

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.

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.

Radishes

Pests controlled include: root maggot

At-Plant Application

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

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

Sweet Corn

Pests controlled include:

wireworms	northern and western corn rootworm larvae
seed corn maggots	southern corn rootworm larvae
root maggots	lesser cornstalk borer
seed corn beetle	flea beetle larvae
symphylans	European and southwestern corn borer
cutworms	chinch bug
fire ants	grubs
billbugs	

At-Plant Application

Apply 5 ounces (5/8 cup) to 7 1/2 ounces (1 cup) of Dursban 2.5G per 100 feet of row. With seed still uncovered in furrow apply granules in a 10-inch wide band over seed in furrow at the same time applying along side furrow for a total of a 10-inch band. Cover seed with treated soil. Any remaining granules after seed is covered should be lightly incorporated into the top 1/2 to 1 inch of soil. In soils over 10% organic matter, use the highest rate given (7 1/2 ounces per 100 feet of row).

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

Warranty Disclaimer

Dow AgroSciences 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. **Dow AgroSciences Makes No Other Express or Implied Warrant of Merchantability or Fitness for a Particular Purpose or Any Other Express or Implied Warranty.**

Inherent Risks of Use

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 temperatures, 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 Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

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 Dow AgroSciences' election, one of the following:

- (1) Refund of purchase price by buyer or user for product bought, or
- (2) Replacement of amount of product used

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

The terms of this 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 Dow AgroSciences or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or this *Limitation of Remedies* in any manner.

) *Trademark of Dow AgroSciences

EPA Accepted __/__/__
