



DURSBAN*

ANT & TURF GRANULES



**FOR PROFESSIONAL USE ONLY.
 NOT FOR SALE TO HOMEOWNERS.
 CONTROLS MANY LISTED PESTS IN
 ORNAMENTAL COMMERCIAL NURSERIES,
 ON GOLF COURSE TURF, SOD FARMS,
 ROAD MEDIANS, INDUSTRIAL PLANT
 SITES AND INDIVIDUAL FIRE ANT MOUNDS**

ACTIVE INGREDIENT:
 Chlorpyrifos: 0,0-diethyl 0-(3,5,6-trichloro-
 2-pyridinyl) phosphorothioate 0.5%
INERT INGREDIENTS: 99.5%
TOTAL: 100.0%
 *DURSBAN is the trademark of DowAgrosciences

**KEEP OUT OF REACH OF
 CHILDREN
 CAUTION**

FIRST AID

IF ON SKIN: Wash thoroughly with soap and water and change to freshly laundered clothing. See a physician if skin irritation occurs.
IF IN EYES: May cause irritation. Corneal injury is possible. Flush eyes with water for 15 minutes and get medical attention if irritation persists.
IF INHALED: Remove victim to fresh air and administer artificial respiration if needed.
IF SWALLOWED: Wash mouth out with water. Give victim 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious person. Contact physician immediately.
NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Atropine by injection is the preferable antidote.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Do not take internally. Avoid eye contact. Wash thoroughly after handling. Keep away from food, feedstuffs, and domestic water supplies. When watered in after application, allow to dry before reentry.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store pesticide in the original container in a locked storage area. **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 empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

USER SAFETY RECOMMENDATIONS

Users should: wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, 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, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Follow instructions carefully. Timing and care of application, weather and turf conditions, and other factors influencing the results obtained by the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with the directions and precautions given herewith.

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220

Hendersonville, NC 28793

Boone, NC 28607

EPA Reg. No 829-223

ACCEPTED

Net Weight: 50 lbs. (22.68 kg.)

MAR 29 2001
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 829-223

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 before applying. 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. DO NOT USE THIS PRODUCT INDOORS.

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 no less than the following: REIs for all crops is 24 hours except: peanuts and sweet potatoes: 2 days. Certified crop advisors or person entering fields under their direct supervision under certain circumstances may be exempt from the early reentry requirement pursuant to 40 CFR Part 170. 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.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. When watering-in is directed keep the public (especially children and pets) off treated areas until the insecticide has been watered into the soil and the grass is dry.

(#) Numbers in parentheses refer to Specific Directions (below). *Indicates that watering in of SA-50 Dursban ANT & TURF GRANULES will increase effectiveness.

Applications To Pests on Golf Course Turf, Sod Farms, Road Medians, Industrial Plant Sites and Individual Fire Ant Mounds
Insects Controlled Include: Chinch Bugs, Sod Webworms (lawn moths), Fleas, Chiggers, Ants, (1) Fire Ants, Crickets, Armyworms, Sowbugs (pillbugs), Earwigs, Billbugs, Weevils, Cutworms, Grasshoppers, (2) Ticks (including deer ticks)

Apply SA-50 Dursban ANT & TURF GRANULES uniformly to turf at the rate of 5 pounds per 1,000 sq. ft. Consult the table above to determine the amounts of SA-50 Dursban ANT & TURF GRANULES 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 SA-50 Dursban ANT & TURF GRANULES on turf, 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, Professional use only, For Individual Fire Ant Mounds.

(For individual fire ant mounds): Apply SA-50 DURSBBAN ANT & TURF GRANULES at the rate of 4 ounces (3/4 cup) 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°-80°F., or in early morning or late evening hours. Treat new mounds as they appear.

2. Tick Control: For control of ticks infesting areas around industrial plant sites, tuck pants 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 aid in spotting ticks that may attach during treatment.

Treat perimeter of building and turf by applying under shrubbery and in and around ground cover. Treat edges or perimeter of turf 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.

Area To Be Treated	DOSAGE RATES Pounds of SA-50 Dursban ANT & TURF GRANULES
1,000 sq. ft.	5 pounds
5,000 sq. ft.	25 pounds
10,000 sq. ft.	50 pounds

TO HELP PREVENT INFESTATION OF PESTS AROUND INDUSTRIAL PLANT SITES

INSECTS CONTROLLED INCLUDE: Ants, Crickets, Earwigs, Fleas, Sowbugs (pillbugs), Clover Mites, Ticks, Boxelder Bugs, Spiders.

APPLICATIONS: 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 (5 pounds per 1,000 sq. ft.) for control of these pests on turf found in the application chart.

INSECT CONTROL IN NURSERIES FOR COMMERCIAL PRODUCTION ONLY:

To control the following pests: Ants, Crickets, Cutworms, Sowbugs (pillbugs), Grasshoppers, Earwig, Armyworms and Ticks. **APPLICATIONS:** Apply SA-50 DURSBBAN ANT & TURF GRANULES evenly over soil within flower beds. Use the same dosage recommended for control of these pests on turf found in the application chart.

INSECT CONTROL IN CERTAIN VEGETABLE CROPS

ONIONS PESTS CONTROLLED INCLUDE: Onion Maggots
APPLICATIONS: Apply 7 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 feet of row by placing granules in the furrow at planting time. Cover the granules and onion sets with suitable soil.
RESTRICTIONS: Do not make more than one application per year (i.e. One application per year; Only at planting time)

PEANUTS

PESTS CONTROLLED INCLUDE: Cutworms, Wireworms, Lesser Cornstalk Borer, Southern Corn Rootworm Larvae
AT-PLANT APPLICATION: Apply 14 to 28 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 feet of row by placing granules in a 6 to 12 inch band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the granules into the soil surface.
POST-PLANT APPLICATION: Apply 14 to 28 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 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 14 lb. rate only if the 14 lb. rate was used at planting time. Irrigation or rainfall following application will enhance activity.
RESTRICTIONS: Do not apply more than a total of 28 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 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 215 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 feet of row by placing granules in a 7 inch band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the granules into the top 1 inch of soil.
RESTRICTIONS: Do not make more than one application per season. REI is 24 hours.

SWEET POTATOES PESTS CONTROLLED INCLUDE:

Wireworms, Flea Beetles, Sweet Potato Beetle
PREPLANT BROADCAST APPLICATION: Evenly broadcast 8 3/4 pounds of SA-50 DURSBBAN ANT & TURF GRANULES 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 sweet potatoes in the usual manner no later than 14 days after treatment (any delay in planting will reduce the length of time that the Dursban will protect against feeding damage by the listed pests). SA-50 DURSBBAN ANT & TURF GRANULES will not control false wireworm or white-fringed beetle and certain other grubs that attack sweet potatoes.
RESTRICTIONS: Do not make more than one application per season. Do not harvest within 125 days of treatment. REI is 2 days.

VEGETABLES: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale, Kohlrabi, Rutabagas, Turnips

PESTS CONTROLLED INCLUDE: Root Maggots
AT-PLANT APPLICATION: Apply 8.5 to 17 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 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 granules 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. REI is 24 hours.

RADISHES

PESTS CONTROLLED INCLUDE: Root Maggots
AT-PLANT APPLICATION: Apply 6.25 lbs. of SA-50 DURSBBAN ANT & TURF GRANULES per 1000 feet of row by placing granules in the furrow at planting time. Cover the granules and seeds with suitable soil. REI is 24 hours.
RESTRICTIONS: Do not apply more than one application per season.

EPA EST. NO. 829-FL-1 (3); 829-NC-1 (4); 829-NC-2 (5) Number following Est. No. corresponds to first digit in Lot No.