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829-223

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SEP 28 1993

Mr. Ronald L. Costa Rica
Southern Agricultural Insecticides, Inc.
P.O. Box 218
Palmetto, Florida 34220

Subject: Label Amendment--Addition of Sites
SA-50 Dursban .5G Granular Insecticide
EPAS Registration Number 829-223
Your Application Dated August 25, 1993

Dear Mr. Costa Rica:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable 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.

2. Make the following labeling change before you release the product for shipment bearing the amended labeling:

a. Add the following sentence to the HAZARDS TO HUMANS AND DOMESTIC ANIMALS section:

When watered in after application allow to dry before permitting children or pets on treated area.

b. In the directions for White Grub Control delete the first complete sentence and substitute:

Apply SA-50 DURSBAN .5G GRANULAR INSECTICIDE at 10 pounds per 1,000 sq. ft. (two times the amount shown in table). When high populations of grubs are present in the area to be treated, a repeat application of 10 pounds per 1,000 sq. ft. may be made 7 to 14 days following the initial application.

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3. Submit five (5) copies of your final printed labeling 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 sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

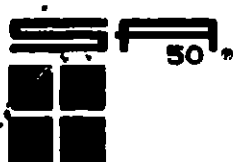
Sincerely yours,

DHE

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

Enclosure

3847



DURSBAN .5G GRANULAR INSECTICIDE

Controls Chinch Bugs, Fire Ants, Sod Webworms (Lawn Moths), Ants, Ticks, Crickets, Cutworms, Earwigs and Sowbugs (Pillbugs), Grubs, and other insects infesting Home Lawns, Ornamental Turf Areas, around buildings, in flower gardens and under shrubbery, and certain vegetables.

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 28 1993

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

ACTIVE INGREDIENT:
Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro 2-pyridyl) phosphorothioate] ... 0.5%

INERT INGREDIENTS: 99.5%

TOTAL: 100.0%

*DURSBAN and the DURSBAN logo are trademarks of DowElanco.

KEEP OUT OF REACH OF CHILDREN-(12 pt.)
CAUTION-(18 pt.)

STATEMENT OF PRACTICAL TREATMENT

- 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. For terrestrial uses, 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 by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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. on bottom of bag

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220
EPA Reg. No 829-223

Hendersonville, NC 28793

Boone, NC 28607
Net Weight. 1, 4, 10, 20, and 40 lbs.

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DIRECTIONS FOR USE

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

DO NOT USE THIS PRODUCT INDOORS

INSECT CONTROL FOR HOME LAWNS AND OTHER RECREATIONAL AND ORNAMENTAL TURF AREAS.

Insects Controlled Include:

Chinch Bugs	Sod Webworms (lawn moths)
Fleas	Chiggers
Ants	(1) Fire Ants
Crickets	Amyworms
Sowbugs (pillbugs)	Earwigs
Billbugs	(2) Hyperodes (turfgrass) Weevils
Cutworms	*(3) European Crane Fly Larvae
Grasshoppers	*(4) White Grubs
Boxelder Bugs	(5) Ticks (including deer ticks)

*Indicates that watering in of SA-50 Dursban .5G will increase effectiveness

(#) Numbers in parentheses refer to Specific Directions (below).

DOSAGE RATES

<u>Area To Be Treated</u>	<u>Pounds of SA-50 Dursban .5G</u>
1,000 sq. ft.	5 pounds
2,500 sq. ft.	12.5 pounds
4,000 sq. ft.	20 pounds
5,000 sq. ft.	25 pounds
10,000 sq. ft.	50 pounds

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

Applications (To Turf): Apply Dursban SA-50 .5G uniformly to home lawns at the rate of 5 pounds per 1,000 sq. ft. Consult the table above to determine the amounts of Dursban SA-50 .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 SA-50 .5G on the lawn, 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 SA-50 DURS BAN .5G GRANULAR INSECTICIDE 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. Turfgrass Weevil Control (larvae of Hyperodes weevil): Apply 10 pounds of SA-50 DURS BAN .5G GRANULAR INSECTICIDE per 1,000 sq. ft. (twice the rate in application table). Apply the granules uniformly over the area to be treated. For the 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 SA-50 DURS BAN .5G GRANULAR INSECTICIDE at the rate of 7 lbs. per 1,000 sq. ft. 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 by using a sprinkler 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 ateniens, European chafer, and Southern Masked chaffer): Apply SA-50 DURS BAN .5G GRANULAR INSECTICIDE at the rate of 10 to 20 pounds per 1,000 sq. ft. (two to four times the amount shown in table). 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 by using a sprinkler or other means of applying water to turf. For best results, treat when 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. Tick Control : For control of ticks infesting areas around houses and in yard areas, 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 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 HELP PREVENT INFESTATION OF BUILDINGS BY INSECTS

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 FLOWER GARDENS AND UNDER AND AROUND SHRUBBERY

INSECTS CONTROLLED INCLUDE:

- | | |
|-------------------|--------------|
| Ants | Fire Ants |
| Crickets | Cutworms |
| Sowbugs(pillbugs) | Grasshoppers |
| Earwig | Armyworms |
| Ticks | |

APPLICATIONS: Apply SA-50 DURSBAN .5G GRANULAR INSECTICIDE evenly over soil within flower beds and under shrubbery. Use the same dosage recommended for control of these pests on turf found in the application chart. Treat individual fire ant mounds as instructed above by adding 4 oz. (3/4 cup) of SA-50 DURSBAN .5G GRANULAR INSECTICIDE gently and evenly to the surface and surrounding two feet of active fire ant mounds during early morning or late evening when ants are least active.

INSECT CONTROL IN CERTAIN VEGETABLE CROPS

ONIONS

PESTS CONTROLLED INCLUDE:

- Onion Maggots

APPLICATIONS: Apply 1 1/4 oz. of SA-50 DURSBAN 5G GRANULAR INSECTICIDE per 100 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 |

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AT-PLANT APPLICATION: Apply 22 1/2 to 45 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE per 100 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 22 1/2 to 45 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE 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 22 1/2 ounce rate only if the 22 1/2 ounce rate was used at planting time. Irrigation or rainfall following application will enhance activity.

RESTRICTIONS: Do not apply more than a total of 45 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE 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 25 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE per 100 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.

SWEET POTATOES

PESTS CONTROLLED INCLUDE:

Wireworms

Flea Beetles

Sweet Potato Beetle

PREPLANT BROADCAST APPLICATION: Evenly broadcast 8 3/4 pounds of SA-50 DURSBAN .5G GRANULAR INSECTICIDE 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 DURSBAN .5G GRANULAR INSECTICIDE 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

VEGETABLES

Broccoli

Brussels Sprouts

Cabbage

Cauliflower

Chinese Cabbage

Collards

Kale

Kohlrabi

Rutabagas

Turnips

PESTS CONTROLLED INCLUDE:

Root Maggots

AT-PLANT APPLICATION: Apply 15 ounces to 27 1/2 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE 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 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.

RADISHES

PESTS CONTROLLED INCLUDE:

Root Maggots

AT-PLANT APPLICATION: Apply 10 ounces of SA-50 DURSBAN .5G GRANULAR INSECTICIDE per 100 feet of row by placing granules in the furrow at planting time. Cover the granules and seeds with suitable soil.

RESTRICTIONS: Do not apply more than one application per season.

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USE PRECAUTION

Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store pesticide in the original container 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 bag. Discard bag in trash.

Follow instructions carefully. Timing and care of application, weather and lawn 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.