



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
 Registration Division (7505P)
 Ariel Rios Building
 1200 Pennsylvania Ave., NW
 Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

829-292

DEC 4 2007

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

SA-50 Dursban 2.5% Granular Insecticide

Name and Address of Registrant (include ZIP Code):

Southern Agricultural Insecticides, Inc.
 P.O. Box 218
 Palmetto, FL 34220

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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

Please see page 2 for label comments

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. Should you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Signature of Approving Official:

Meredith F. Laws, Chief
 Insecticide-Rodenticide Branch
 Registration Division (7505P)

Date:

DEC 4 2007

Label Comments:

- On page 1, add the entire company address, including phone number.
- On page 1, under the First Aid section, add the following text:
“NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, only by injection, is the preferable antidote.”
- On page 1, under the First Aid section, add the following information/statements:
“Have the product container or label with you when calling a poison control center or doctor or going for treatment. For more information on this product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at: 1-800-858-7378.”
- On page 1, under the PPE section, add the following text: **“Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separate from other laundry.”**
- On page 2, under the Agricultural Use Requirements, the early entry PPE paragraph should be revised to read:
“The PPE for early entry to treated areas is:
 - **Coveralls over short sleeved shirt and short pants,**
 - **Chemical resistant gloves such as or made of any waterproof material,**
 - **Chemical resistant footwear plus socks, and**
 - **Chemical resistant headgear for overhead exposure.”**
- On page 2, delete the heading, **“General Information”** and replace it with **“Use Precautions and Restrictions.”** Add the following text:
Do not enter or allow others to enter until dusts have settled.
Do not use hay for livestock bedding.
Keep out of fishpools and other bodies of water.
- On page 2, delete the flea, chigger, and tick (including deer tick) control claims. A control claim for these pests requires additional efficacy data. You must either provide or cite this data. Also delete chiggers and ticks wherever else they appear on the label.
- On page 2, for **“ants,”** exclude **fire, carpenter, harvester, and pharaoh ants** from the control claim (i.e., **Controls ants, except for fire, carpenter, harvester, and pharaoh ants.**) These four ant species require additional efficacy data.
- On page 2, for **“spiders,”** exclude **black widow and brown recluse spiders** from the control claim (i.e., **Controls spiders, except for black widow and brown recluse.**) These two spider species require additional efficacy data.

- On page 2, delete the fire ant control claim and directions for fire ant mound treatment. This use requires additional efficacy data. You must either provide or cite this data.
- On page 3, delete the imported fire ant control claim and directions for use in ornamental nurseries. This use requires additional efficacy data. You must either provide or cite this data.
- On page 3, under the Inherent Risks of Use, modify the last sentence of the paragraph so it reads, "To the extent consistent with applicable law, all such risks shall be assumed by Buyer."
- On page 3, under the Warranty Disclaimer, modify the fourth sentence so it reads, "To the extent consistent with applicable law, Buyer assumes all risks..."
- On page 3, under the Limitation of Remedies, modify the fifth sentence so it reads, "To the extent consistent with applicable law, in no case shall Manufacturer or Seller be liable for consequential or incidental damages or losses..."

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S A SOUTHERN
5 0 AG®

DURSBAN*

2.5%

GRANULAR INSECTICIDE

For professional use only. Not for sale to homeowners.
For Control of Various Insects (and Other Arthropods) Infesting Sod
Farms, Golf Course Turf, Outdoor Areas around Industrial Plant Sites,
and Ornamental Nurseries for Commercial Production Only.

Active Ingredient:

Chlorpyrifos: O,O-diethyl-O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate 2.5%
Inert Ingredients 97.5%
Total 100.0%

*Trademark of DowAgrosciences.



Keep Out of Reach of Children

CAUTION

FIRST AID

ORGANOPHOSPHATE

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.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. **FOR**

CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant selection chart.

Loaders, Applicators and all other handlers must wear: coveralls over long-sleeved shirt and long pants, Chemical resistant gloves, chemical resistant footwear, a NIOSH approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N,R,P or HE filter.

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 pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
DEC 4 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
829-292



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.

Southern Agricultural Insecticides, Inc.

Palmetto, Fla. 34220

Hendersonville, N.C. 28793

Boone, N.C. 28607

E.P.A. Reg. No. 829-292

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Net Weight: 50 lbs. (22.68 kg)

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.

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 24 hours. Certified crop advisors or persons 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.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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. Keep the public (especially children and pets) off treated area until subsequent rainfall or irrigation has washed the bait into the soil and the area is dried.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this pesticide in original container in a locked storage area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of at approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration.

General Information

Dursban® 2.5% granular insecticide is intended for use in Nurseries for Commercial Production Only, Golf Course Turf, Sod Farms, Road Medians and Industrial Plant sites to Control Various listed Insects. Do not use this product indoors. Do not feed grass clippings to livestock.

Insects Controlled Include: Ants, Armyworms, Billbugs, Boxelder bugs, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod webworms (lawn moths), Sowbugs (pillbugs), (1) Fire ants, (2) Ticks (including deer ticks)

indicates that watering in of Dursban 2.5% will increase effectiveness.

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

Dosage Rates

Area To Be Treated	Lbs. of Dursban 2.5%
1,000 sq ft	1 pound
5,000 sq ft	5 pounds
10,000 sq ft	10 pounds

Maximum application rate is 1 lb. a.i. per acre

Application Instructions

Applications to Golf Course Turf, Sod Farms, Outside of Industrial Plant Buildings and Fire Ant Mounds

Apply Dursban 2.5% uniformly to turf at the rate of 1 pound per 1,000 sq ft. Consult the table to determine the amount of Dursban 2.5% needed for a larger-sized area. Use any hand or power-operated gravity or rotary type spreader designed for application of granular materials. To help obtain uniform distribution of Dursban 2.5% on the turf, apply one-half of the required amount of product in one direction; then apply the amount remaining at a right angle.

1. Fire Ant Control-Professional use only for individual fire ant mounds.

Apply Dursban 2.5% 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 in early morning or late evening hours. Treat new mounds as they appear.

Note: Broadcast use on residential turf is not allowed.

2. For control of ticks infesting areas around plant sites and in turf 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 building and turf by applying Dursban 2.5% uniformly at the rate of 1 pound per 1,000 sq ft. 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.

To Prevent Infestation Outside of Industrial Plant Buildings by Insects:

Such as: ants, crickets, earwigs, fleas, sowbugs (pillbugs), clover mites, ticks, spiders, boxelder bugs
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 pounds per 1,000 sq. ft.) for control of these pests on turf found in the application chart.

To Control the Following Insects in Ornamental Nurseries for Commercial Production

To Control: Ants, Armyworms, Crickets, Cutworms, Sowbugs (pillbugs), Grasshoppers, Earwigs, Ticks. Apply Dursban 2.5% evenly over soil within flower beds and under shrubbery. Use the same dosage recommended (1 pounds per 1,000 sq. ft.) for control of these pests on turf found in the application chart.

To control: Fire Ants - Professional Use Only Treat individual fire ant mounds as instructed above by adding 1 oz. (2 Tablespoons) of Dursban 2.5% 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.

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

Imported Fire Ant Control in Ornamental Nurseries for Professional Use in Commercial Production Only:

In Nursery Beds and Potting Media: Thoroughly mix 1 pound of Dursban 2.5% per cubic yard of media. Use equipment suitable to give uniform distribution of granules.

In Container and Field Grown Woody Ornamentals (B&B Stock): Apply Dursban 2.5% broadcast at 250 lbs. per Acre (6 lb. A.I. per acre) as a preharvest treatment to ornamental (non-food bearing) plants.

For certification under the USDA Imported Fire Ant (IFA) Quarantine, use this product 3-5 days after an approved broadcast bait application. Apply Dursban 2.5% broadcast at 250 lbs. per Acre (6 lb. A.I. per acre). Treatment area must extend at least 10 feet beyond the base of all plants that are to be certified. Exposure period is 30 days and plants are certifiable for 30 days after the treatment sequence is completed. Certification period is 12 weeks.

Check the current USDA IFA quarantine guidelines before treatment for certification.

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 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 Southern Ag and Seller. All such risks shall be assumed by Buyer.

WARRANTY—CONDITIONS OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

For information or questions email us at support@southernag.com