



000829-00292-051399

Printed: 13:02:48 Wednesday, 16 Jun, 1999 # 3 / 3245

Systems Integration Group, Inc.



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St. S.W.
Washington, D.C. 20460

EPA Reg Number

Date of

829-292

5/13/1999

Term of issuance

Conditional

Name of Pesticide Product

SA-50 Brand Dursban 2.5%
Granular Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code)

Southern Agricultural Insecticides, Inc.
PO Box 216
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.

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 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 before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 829-292".

b. In the First Aid section, revise the If On Skin text to read:
"IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists."

(continued on next page)

Signature of Approving Official

Date

MAY 13 1999

3. Submit three copies of the revised final printed label for the record before you release the product for shipment.

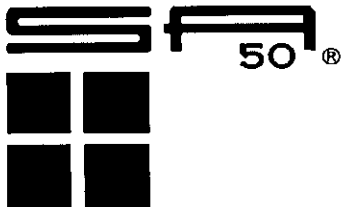
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "accepted with comments" is enclosed for your records.

Thomas C. Harris
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

Enclosure

3/4



DURSBAN* 2.5% GRANULAR INSECTICIDE

**For professional use only. Not for sale to homeowners.
For Control of Various Insects (and Other Arthropods) Infesting
Lawns, Golf Courses, other Ornamental Turf Areas, and in and around
Ornamentals, Flower Beds, Landscapes, and areas around Buildings.**

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 (12 POINT)
CAUTION (18 POINT)**

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

STORAGE AND DISPOSAL (12 POINT)
Do not contaminate water, food or feed by storage or disposal.
Storage: Store in original container in a locked storage area 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 according to use directions or at an approved waste disposal facility. **Container Disposal:** Completely empty container into application equipment. Do not reuse empty container. Discard container in trash.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.
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.

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 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 when disposing of equipment washwaters. Apply only as specified on this label.

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

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 13 1999

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

Southern Agricultural Insecticides, Inc.

Palmetto, Fla. 34220 Hendersonville, N.C. 28793 Boone, N.C. 28607

E.P.A. Reg. No. 829-xxx J1

Net Weight: 40 lbs.(18.14 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 12 hours.

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

General Information

Dursban® 2.5% granular insecticide is intended for Control of Various Insects (and Other Arthropods) Infesting Lawns, Golf Courses, other Ornamental Turf Areas, and in and around Ornamentals, Flower Beds, Landscapes, and areas around Buildings. 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) Hyperodes (turfgrass) weevils, (3) White grubs#, (4) 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	Pounds of Dursban 2.5%
1,000 sq ft	1 pound
5,000 sq ft	5 pounds
10,000 sq ft	10 pounds

Approved Uses

Applications to Lawns, Golf Courses, and other Ornamental Turf Areas (including Sod Farms)

Apply Dursban 2.5% uniformly to home lawns 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 lawn, 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 (for individual 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.

2. Turfgrass weevil Control (larvae of Hyperodes weevil)

Apply 2 pounds of Dursban 2.5% per 1,000 sq ft (twice the rate in application table above). 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. White grub control (such as larvae of Japanese beetle, black turfgrass ateni-nius, European chafar, and southern masked chafar): Apply Dursban 2.5% at 2 pounds per 1,000 sq ft (two times the amount of Dursban 2.5% 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 2.5% per 1,000 sq ft may be made 7 to 14 days following the initial application. Apply granules uniformly over the treatment area. 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 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.

4. For control of ticks infesting areas around houses and in yard areas, luck 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 Dursban 2.5% uniformly at the rate of 1 pound per 1,000 sq ft. 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, 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 and around Ornamentals, Flower Beds, and Landscapes:

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 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:

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.

Warranty Disclaimer

Southern Ag and Seller 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. SOUTHERN AG AND SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

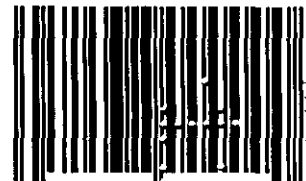
Inherent Risks of Use

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 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.

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 Seller's election, on of the following: (1.) Refund of purchase price paid by buyer or user for product bought, or (2.) Replacement of amount of product used.

Manufacturer or Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Manufacturer or Seller be liable for consequential or incidental damages or losses. The terms of the "Warranty Disclaimer" above and the "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Manufacturer or Seller or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or "Limitation of Remedies" in any manner.



0 51538 00000 0