



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:

829-279

DEC 4 2007

NOTICE OF PESTICIDE:

- Registration
- Reregistration  
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

SA-50 Dursban 2E 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](mailto: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 2, delete the "N" filter from the list of approved filters in the respirator bullet, so the statement reads:  
 "A NIOSH approved dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any R, P or HE filter."
- On page 2, in the First Aid box, under the Note to Physician, add the following statement  
 "Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine, by injection, is antidotal."
- On page 2, under the Environmental Hazards section, add the following, bolded text so the statement reads: "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.**"
- There is no page 3.
- On page 4, add the following text to the Agricultural Use Requirements: "Notify workers of application by warning them orally and by posting warning signs at entrances to treated areas."
- On page 4, under Storage and Disposal, delete the phrase "Pesticide wastes are toxic."
- On page 5, under the Outdoor Pests heading, add the following bolded text so the statement reads, "(including sod farms (for commercial sod only), golf courses (turf only)..."
- On page 5, under the Outdoor Pests section, delete the brown dog tick, chigger, and flea control claims, and exclude fire, carpenter, harvester, and pharaoh ants from the ant control claim (i.e., Controls...ants (except for fire, carpenter, harvester, and pharaoh ants)." A control claim for these pests requires additional efficacy data. Also delete ticks, chiggers, and fleas and add the disclaimer for the four, above-named ant species, wherever they may appear on the label.
- On page 6, delete the statement, "NOTE: Mosquitos coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions." A kill claim for mosquitoes requires additional efficacy data, per PR Notice 2002-1.

- On page 6, add the following text to the warranty statement so it reads, **"To the extent consistent with applicable law, Southern Ag and Seller makes no other express or implied warranty..."**
- On page 6, under add the following text to the Inherent Risks of Use statement so it reads, **"To the extent consistent with applicable law, all such risks shall be assumed by Buyer."**
- On page 6, under the Limitation of Remedies, add the following text so the sentence reads, **"To the extent consistent with applicable law, Manufacturer or Seller shall not be liable..."**
- On page 6, under the Limitation of Remedies, add the following text so the sentence 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.**

**RESTRICTED USE PESTICIDE**  
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS  
UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE  
CERTIFIED APPLICATORS CERTIFICATION.

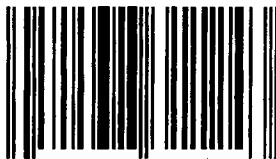
# DURSBAN\* 2E INSECTICIDE

**Active Ingredient:**

Chlorpyrifos: [ O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] .....	24.70%
Inert Ingredients** .....	75.30%
Contains 2 pounds of chlorpyrifos per gallon Total .....	100.00%

\*\* Contains Xylene-range Aromatic Solvent

\* Dursban is a registered Trademark of Dow AgroSciences



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**Keep Out Of Reach Of Children**  
**WARNING - AVISO**

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

SEE INSIDE OF LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

For Questions and Comments please contact us by email at support@southernag.com or through our website at www.southernag.com.

**Southern Agricultural Insecticides, Inc.**

Palmetto, FL 34220      Hendersonville, NC 28793      Boone, NC 28607  
E.P.A. Reg. No. 829-279      J4      E.P.A. Est. No. 829-FL-1

**Net Contents Liquid: 1 Gallon (3.785 liters)**

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.  
829-279

**FIRST AID  
Organophosphate**

**IF SWALLOWED:** Call poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** May pose an aspiration pneumonia hazard. Contains petroleum distillate.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**  
**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Causes skin irritation. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing

**PERSONAL PROTECTIVE EQUIPMENT:** Some materials that are chemical resistant to this product are made of barrier laminate or viton. If you want more options, follow the instructions for category G on an EPA chemical-resistant category selection chart.

Mixers, loaders, applicators and all other handlers must wear: coverall over long-sleeved shirt and

long pants, Chemical resistant gloves, Chemical resistant apron when mixing or loading or exposed to the concentrate, Chemical resistant footwear plus socks, Goggles or faceshield, Chemical resistant headgear for overhead exposures, 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**

User should:

1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. 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 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 apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**Physical or Chemical Hazards**

Combustible. Do not store or use near heat or open flame. Keep container closed. Handle concentrate in a ventilated area.

**DIRECTIONS FOR USE**

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

Do not apply this product through any type of irrigation system. 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. Do not allow spray to drift from the application site

and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. Apply only when wind speed is not more than 10 mph. For sprays, apply largest size droplets possible. 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 and restricted-entry intervals. 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. 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:

1. Coveralls over short-sleeved shirt and short pants
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear: goggles, face shield, or safety glasses with front, brow, and temple protections.

**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, pets and other unprotected persons out of the treated area until sprays have dried.

**STORAGE AND DISPOSAL**

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

**Storage:** Store in original container in secured dry storage area. Prevent cross contamination with other pesticides and fertilizers. 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:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** PLASTIC Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## OUTDOOR PESTS

**PESTS OF TURF** (including sod farms, golf courses (turf only), road medians, around industrial plant sites and in nurseries for commercial production only.) Use Dursban 2-E to control the pests listed in the following paragraph by application at the recommended dosages and in accordance with the directions given below. Dilute Dursban 2-E in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the turf should be moist at time of treatment. **NOTE:** do not exceed a total application of 2 Qt. product per Acre.

**INSECTS CONTROLLED - Ants, Armyworms, Brown Dog Tick, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, grasshoppers, Sod Webworms;** use 2 Qt. product per acre (1 1/2 fl. ounce per 1,000 sq. ft.) Spray when pests appear; retreat when needed. For sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Use 3 to 6 gals. water per 1,000 sq. ft.

**Area Control of Ticks and Chiggers -** Use Dursban 2-E to control ticks and chiggers infesting sod farms, golf courses (turf only), road medians, around industrial plant sites and in nurseries for commercial production only.) where these pests are present and create a nuisance or possible public health problem. Apply this product in water at the rate of 1 pint per acre (equivalent to 1 ounce per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre. **Attention (Area Control of Ticks and Chiggers):** Do not allow public use of treated areas during application or until spray has dried.

### TO HELP PREVENT INFESTATIONS OF BUILDINGS (Industrial plant sites only)

For outdoor use to control Ants, Crickets, Earwigs, and Sowbugs (Pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use no more than 2 Qt. product per acre (1 1/2 fl. ounce per 1,000 sq. ft.) Apply as a coarse spray to thoroughly and uniformly wet the band area.

### ORNAMENTAL PLANTS in Commercial Nurseries and around Industrial Plant Sites:

Use Dursban 2-E insecticide to control Aphids, Bagworms, Cutworms, Grasshoppers, Leafhoppers, Mealybugs, Spider Mites, Spittlebugs, Thrips (exposed), and White Flies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute with water according to the following directions and apply using suitable hand or power spray equipment in manner to provide complete and uniform coverage of infested plants. Avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed.

**NOTE:** Do not use on Azaleas, Camellias, Poinsettias, Rose bushes or Variegated Ivy because of possible injury to these plants.

**NOTE:** For ornamentals around Industrial Plant Sites do not exceed a total application of 2 Qt. product per Acre.

PESTS CONTROLLED	RATE PER 3 GALLONS	RATE PER 10 GALLONS	RATE PER 100 GALLONS
Cutworms, Leafhoppers, Mealybugs, Mimosa Webworm, Redhumped Caterpillar, Thrips (exposed stages)	0.5 fl. oz.	1.6 fl. oz.	1 pint
Ash Borer, Lilac Borer, Scale Crawlers (Oak Lecanium, Pine Needle Tea, White Peach	2.0 fl. oz.	6.4 fl. oz.	2 quarts

**DILUTION - 1 OUNCE = 2 TABLESPOONFULS = 6 TEASPOONFULS.**

**NOTE:** Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions.

**Terms and Conditions of Use**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent risks of Use and Limitations of Remedies

**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. SOUTHERNAG 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, one 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 the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or "Limitation of Remedies" in any manner.