



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

829-294

Date of Issuance:

January 5, 2001

Term of Issuance: **Unconditional**

Name of Pesticide Product:

Deltamethrin 0.1% Granules

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

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.

1) This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3) (c) (2) (B)

2. **Make the following labeling changes:**

- a) Revise the EPA Registration Number to read "EPA Reg. No. 829-294"
- b) Please update your First Aid statement per PR Notice 2000-3:

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

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

Signature of Approving Official:

Macy Lynn Keigwin
for *George T. LaRocca*

Date:

January 5, 2000

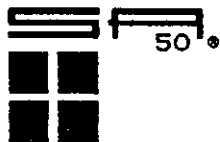
- c) Please state the minimum allowable amount of time between applications for each of your treatment types. This information should be based on the efficacy data of the product you have cited.
 - d) Your CSF has been approved. Your product is toxicologically similar to EPA Reg. No. 432-811 and the acute toxicity data for that product can be used in support of this product.
 - e) Unfortunately, we still have not received our requested efficacy data either from you or from Aventis Environmental Science. As such, per your instructions, please remove all reference to Bear Tick, Black-legged Tick, Brown Dog Tick, Lone Star Tick, Western Black Legged Tick, Wood Tick and Digger wasps from your label. We will be happy to approve their reinstatement on your label once we have received the requested (acceptable) data.
 - f) On your front panel please add the statement "See other panels for additional precautionary information".
 - g) Under your "Directions for Use", please rewrite the statement "Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed" to read "Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed or plants being grown for sale".
3. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

George T. LaRocca
 Product Manager (13)
 Insecticide Branch
 Registration Division (7505C)

(front panel)



DELTAMETHRIN 0.1% GRANULES

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN - 5 2001

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

829-294

FOR LAWN AND HOME INVADING PESTS
(Optional Front Panel Statements listed at end of label)

ACTIVE INGREDIENT:
 Deltamethrin: 0.1%
 OTHER INGREDIENTS..... 99.9%
 100.0%

KEEP OUT OF REACH OF CHILDREN (12 pt.)

CAUTION (18 pt.)

FIRST AID

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. 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.

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates (crab, shrimp, etc.). Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment wash water.

Southern Agricultural Insecticides, Inc.

Palmetto, Fla. 34220 Hendersonville, N.C. 28793 Boone, N.C. 28607
E.P.A. Reg. No. 829 - XXX J1 EPA Est. No. 829-FL-1

Net Weight: 1 - 30 lb. sizes

(Registration note: for sizes less than 3 pounds all area rates will be given in ozs. per 100 sq. ft.)

(2 lb.: 1,000 sq. ft. will be given as 3.2 ozs./ 100 sq. ft.)

(3 lb./ 1,000 sq. ft. will be given as 4.8 ozs./ 100 sq. ft.)

DIRECTIONS FOR USE

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

Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

General Use Instructions

1. Determine size of area to be treated - measure and multiply length times width.
 2. Determine appropriate spreader setting using chart.
 3. Treat as directed - thorough coverage is important. Water in thoroughly with a half inch of water. This product is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water or coastal marsh. Do not apply on saturated soil. Do not allow runoff to occur. Do not contaminate ornamental fish ponds.
 4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.
- In New York State, this product may not be applied to lawns that directly border coastal marshes. For control of turf insects other than ticks in New York State, a second application may be made after two weeks if target insect activity persists.

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

TO CONTROL Ants, Armyworms (inc. fall, Yellow-Striped, etc), Bermudagrass Mites, Pillbugs (adult), Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Adult Meatybugs, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Springtails, Vegetable Weevils (in dichondra); Apply this product uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of 2 to 3 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn thoroughly with a half inch of water. Re-treat as necessary.

EUROPEAN CRANEFly LARVAE (LEATHERJACKETS) - the best time to apply is in early April when the insects are young.

CHINCH BUGS - Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

TICK CONTROL (OUTDOORS)

In summer months, ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Ticks (including but not limited to Bear Tick, Black-legged Tick, Brown Dog Tick, Deer Tick, Lone Star Tick, Western Black-legged Tick, Wood Tick); a regular treatment program should be followed. Treat once a month as directed above when pests first appear in late spring (May - June) and continue until late summer (September - October). Fall temperatures below 50°F-decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

NOTE: Dogs, cats, their kennel or bedding area should also be treated with a registered product. In addition, if ticks are indoors on carpets or pet resting areas, use a registered product, ideally in combination with an Insect Growth Regulator. It is very important that all three sites - outdoors, indoors and also the pet be treated with appropriate labeled products to achieve satisfactory control. If any of these areas is not treated, it could serve as a source of reinfestation to the entire premises.

SOD WEBWORMS (CRAMBUS spp.) Sod Webworms are the light brown caterpillars 1/4 to 3/4 inch long, that hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referred to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly following Overall Lawn Treatment directions.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION To help prevent infestation of buildings by Ants, Boxelder Bugs, brown dog ticks, Centipedes, Clover Mites, Cockroaches, Crickets, Field Crickets, Sowbugs, Spiders, Springtails (Collembola), and Ticks; treat a band 5 to 10 feet wide around and adjacent to the building where pests are active and may find entrance. Treat at a rate of 2 to 3 lb. per 1,000 sq. ft.

FLOWER, SHRUB AND ORNAMENTAL PLANT BEDS To control Ants, Fire Ants, Cockroaches, Crickets, Cutworms, Sowbugs, Pillbugs, Grasshoppers, Armyworms, Brown Dog Ticks and Springtails apply granules evenly over soil within the beds and under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

SPOT TREATMENT ANTS NESTING OUTDOORS: This product may be used outdoors for the control of ants, including: Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants. If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, and slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.

DIGGER WASPS: Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

IMPORTED FIRE ANTS: Apply two tablespoons over each 8' to 10' diameter mound and up to 2 feet around to prevent escape of the queen. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. For maximum effectiveness, apply in cool weather (65 - 80° F) or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

Spreader Make and Model	Setting to deliver approximately:	
	2 lb./ 1,000 sq. ft.	3 lb./ 1,000 sq. ft.
Scotts Drop Spreaders	3.5	3.63
Scotts EasyGreen Rotary	25.5	26.0
Republic EZ Drop	5.25	5.5
Cyclone Model B1 Rotary	3.0	3.5
Sears Craftsman Broadcast	2.0	2.5

IMPORTANT. READ BEFORE USE

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond the control of Southern Agricultural Ins. (manufacturer), it is impossible for manufacturer to eliminate all risks associated with the use of this product. The user or buyer shall assume all such risks.

In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-471-0660.

STORAGE AND DISPOSAL (12 pt.)

Storage: Store product in its original container in a cool, dry, locked place out of reach of children.
Disposal: Wrap container in several layers of newspaper and discard in trash.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Southern Agricultural Ins. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. The manufacturer disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchant ability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MANUFACTURER'S ELECTION, THE REPLACEMENT OF PRODUCT.

THE FOLLOWING ARE OPTIONAL FRONT PANEL CLAIMS:

- KILLS INSECTS IN LAWNS
 - LAWN & GARDEN INSECT CONTROL
 - TREATS UP TO 5,000 10,000 15,000 SQ. FT
 - CONTROLS HOME INVADING PESTS
 - 10 POUNDS TREATS UP TO 5,000 SQ. FT
 - FOR GRASS AND DICHONDRA LAWNS
 - CONTAINS Deltaguard Insecticide
- DeltaGard is a registered trademark of AgrEvo Environmental Health, Inc.
- FOR OUTDOOR USE ON HOME LAWNS
 - CONTAINS DELTAMETHRIN
 - READY TO USE
 - KILLS. Ants, Armyworms (inc. Fall, Yellow-Striped, etc.), Bear Tick, Bermudagrass Mites, Pillbugs (adult), Black legged Tick, Boxelderbugs, Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Cricket, Fiery Skipper, Fire Ant, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turf grass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders, Spittlebugs, Spingtails, Ticks, Vegetable Weevils (in Dichondra), Western Black legged Tick (*Ixodes pacificus*), Adult Mealybugs, Deer Tick (*Ixodes dammini*)
 - PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS
 - SOLUBLE GRANULES
 - COMPLETE RELEASE OF ACTIVE INGREDIENT
 - FOR OUTDOOR USE IN ORNAMENTAL PLANT BEDS
 - KILLS TICKS (Including ticks that carry Lyme disease)
 - GUARANTEED TO WORK OR MONEY BACK
 - QUICK KILL OF FIRE ANTS] [QUICK KILL OF STINGING ANTS
 - KILLS FIRE ANTS ON CONTACT
 - 10 LB. TREATS UP TO 150 FIRE ANT MOUNDS
 - 5 LB. TREATS UP TO 75 FIRE ANT MOUNDS
 - 25 LB. TREATS UP TO 375 FIRE ANT MOUNDS
 - KILLS FIRE ANT WORKERS
 - KILLS FIRE ANT QUEENS
 - AIDS IN CONTROL OF MOLE CRICKETS
 - KILLS INSECTS QUICKLY
 - EXCELLENT VALUE FOR THE MONEY
 - GUARANTEED CONTROL OF LAWN & HOME INVADING INSECTS, OR YOUR MONEY BACK
 - KILLS ON CONTACT
 - LONG-LASTING RESIDUAL ACTION
 - INTERCEPT GRANULES FOR A HEALTHIER LAWN
 - EASY & QUICK TO APPLY WITH A DROP OR BROADCAST SPREADER
 - LONG-LASTING INSECT CONTROL