

829-294

6/26/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUN 26 2001

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Cynthia Huffman  
Registrations  
Southern Agricultural Insecticides, Inc.  
P.O. Box 218  
Palmetto, FL 34220

Subject: Amendment: Add Mole Crickets to Label/Alternate Name  
Deltamethrin 0.1% Granules  
EPA Registration No. 829-294  
Your submission dated April 5, 2001

Dear Ms. Huffman:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. A stamped copy of the labeling is enclosed for your records.

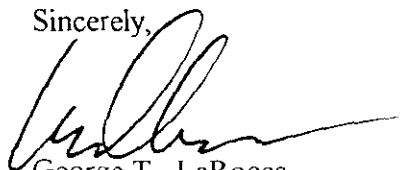
Please make the following changes to your label:

1. Under the "Precautionary Statements" section of your label, move the statements "Food utensils...is dry" to the "Directions for Use" section of the label.
2. Under the "First Aid" section, add the following statement: "Have the product container or label with you when calling a poison control center or doctor, or going for treatment."
3. Correct the word "Ourdoor" to read "Outdoor". Change "Home Lawns" to "Residential Lawns"
4. Either delete the claim "Provides Contact and Residual Control for Up to Four Weeks" or revise it based on the residual efficacy of your product (i.e. "Re-treat if infestation occurs, however, do no re-treat more than once every 2 weeks").
5. Add "Molé Crickets" to the "Directions for Use" section of the label.

7502  
SPRINT  
6/26/01

The additional brand name "SA-50 Mole Cricket & Cinch Bug Lawn Insect Control" is acceptable. If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

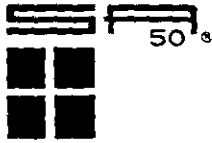


George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

Enclosure

(front panel)

3 8 6



# DELTAMETHRIN 0.1% GRANULES

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUN 26 2001

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%

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
829-294

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

### FIRST AID

**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.

### 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.

For product information email us at sales@Southernmag.com

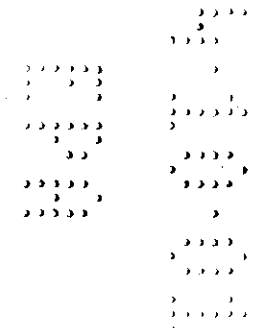
EPA EST. NO 829-FL-1 (3); 829-NC-1 (4); 829-NC-2 (5)  
Number following Est. No. Corresponds to first digit in Lot No.

## Southern Agricultural Insecticides, Inc.

Palmetto, Fla. 34220 Hendersonville, N.C. 28793 Boone, N.C. 28607  
E.P.A. Reg. No. 829 - 294 J1

# 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.)



approved 1/5/01

## 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 or plants being grown for sale.

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, a second application may be made after two weeks if target insect activity persists.

[EDITORS NOTE: THE FOLLOWING IS EXPRESSED AS TWO OPTIONS: (1) AS TEXT OR, (2) AS A CHART]

### 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, Chinchbugs, 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 Mealybugs, 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 if infestation occurs, however do not retreat more than once every 2 weeks.

**EUROPEAN CRANEFLY LARVAE (LEATHERJACKETS)** - the best time to apply is in early April when the insects are young. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**CHINCH BUGS** - Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues, however do not retreat more than once every 2 weeks.

**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. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**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. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**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. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**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. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**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. Re-treat if infestation occurs, however do not retreat more than once every 2 weeks.

**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.

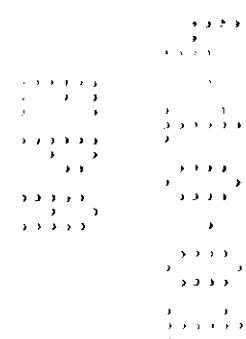
In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-471-0660.

**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 OURDOOR 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 dammint*)
- 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

