

09/09/2003



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

SEP 9 2003

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

Dear Ms. Huffman:

Subject: SA-50 Atrazine 4L Herbicide  
EPA Reg. No. 829-268  
Your submission dated April 15, 2003

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. The maximum single application rate is 1 pound of AI and the maximum yearly application is 2 pounds of AI per year.

Under the heading Rate of Application for ...Centipede grass, reduce the application rate as follows:

Reduce all application rates by one-half to comply with the yearly maximum rate of 2 pounds of AI per year.

2. Under the heading General Worker Protection Statements, remove the following statements:

Do not apply ...other persons.  
Do not allow re-entry...has completely dried.

3. Under the heading Directions for Use, add the following statements:

General Precautions and Restrictions

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

Entry Restriction

Do not allow people or pets to enter the treated area until sprays have dried.

4. On the top front panel of the label, add the following statement:

RESTRICTED USE PESTICIDE

Due to ground and surface water concerns. 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 applicator's certification.

5. Under the heading Storage and Disposal revise to read as follows:

Storage and Disposal

Do not contaminate...or disposal.  
Pesticide Storage: Store ...storage area.

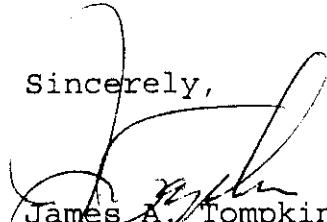
**Pesticide Disposal:** If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Container Disposal:** If empty: Do not reuse this container. Place in trash or offer for recycling if available.

Submit one (1) copy of your final printed labeling before you release the product for shipment. The enclosed stamped label supersedes all previous labels.

A stamped copy of the labeling is enclosed for your records.

Sincerely,



James A. Tompkins  
Product Manager (25)  
Herbicide Branch  
Registration Division (7505C)



# ATRAZINE 4L HERBICIDE

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

FOR THE CONTROL OF BOTH EMERGED WEEDS AND WEEDS FROM SEEDS IN ST. AUGUSTINEGRASS AND CENTIPEDEGRASS, USE 3 TABLESPOONFULS PER 1,000 SQ. FT. NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES.

**Active Ingredients:**

- Atrazine: 2-chloro-4 ethylamino-6-isopropylamino-s-triazine..... 40.8%
  - Related compounds ..... 2.2%
  - Inert Ingredients:**..... 57.0%
  - Total:**..... 100.0%
- Contains 4 lbs. of active ingredient per gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS AND FIRST AID ARE LOCATED INSIDE OF LABEL.

**SA-50 Brand Atrazine 4L will control or suppress** Annual Bluegrass (Poa Annua), Chickweed (Common and Mouseear), Crabgrass, Cransbill, Cudweed, Dichondra, Florida Betony, Henbit, Knotweed, Lespedeza, Moneywort (Dollarweed), Mustards, Narrowleaf Vetch, Parsley-Piert., Smutgrass, Spurge, Spurweed, Swinecrest, Woodsorrel and various annual clovers.

**SHAKE WELL BEFORE USING**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling and before eating or smoking. Do not permit children or pets on treated areas until spray has completely dried.

**ENVIRONMENTAL HAZARDS**

Atrazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Atrazine has been found in ground water. Users are advised not to apply atrazine to sand and loamy soils where the water table (ground water) is close to the surface and where the soils are permeable, i.e., well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

This pesticide is toxic to aquatic invertebrates. 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 apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms and injurious to desirable plants in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

**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. Never give anything by mouth 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 OR CLOTHING:** 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 mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

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

**ACCEPTED with COMMENTS** Southern Agricultural Insecticides, Inc.  
**In EPA Letter Dated:** Palmetto, FL 34220 Hendersonville, NC 28793 Boone, NC 28607  
 SEP 9 2003 EPA REG. NO. 829-268 J4 EPA EST. NO. 829-FL-1  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 829-268  
**Net Contents Liquid:** 8 ozs., Pt., Qt., Gl., 2.5 Gl.

User safety recommendations?

415

### GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly or through drift, expose workers or other persons. The treatment area must be vacated by all persons, except those knowingly involved in the application. Do not allow reentry of treated area or contact with treated surfaces until spray has completely dried. Wear long-sleeved shirt, long-legged pants, shoes, socks, chemical-resistant gloves.

Do not eat, drink, smoke, or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water. Do not use the toilet before thoroughly washing hands.

If this product penetrates through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash your body thoroughly, and put on clean clothing and equipment before resuming the handling activity.

After handling this product, remove any personal protective equipment immediately. Wash the outside of gloves before taking them off. Wash contaminated clothing and personal protective equipment (including both the inside and outside of gloves) in detergent and hot water. Keep and wash them separately from other laundry.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, ILLEGAL RESIDUES, OR PERSONAL INJURY.**

### APPLICATION PRECAUTIONS

Do not use near adjacent desirable plants or in greenhouse, or injury may occur. To avoid spray drift, apply with a coarse low pressure spray. Do not apply under windy conditions. Avoid spray overlap. SA-50 Atrazine 4L is to be mixed with water. Combinations with other chemicals in the application mixture are not recommended.

Do not apply when temperatures exceed 90°F. Use only on healthy turfgrass which is not under heat or drought stress and reasonably free of infestations of insects, nematodes, and diseases. Use in the United States should be confined to Southeastern States only. Applications during the summer should be limited to spot treatment only.

Do not use on muck or alkaline soils. Do not use over rooting area of trees, ornamentals, vegetables or other desirable plants other than the indicated turfgrasses. Do not apply to areas where the natural drainage would carry the atrazine to adjacent desirable plants. Do not replant treated areas within 12 months after treatment or injury may result. Do not overseed turf areas within 6 months after treatment. Sprigging of listed turfgrass is allowed in treated areas, some yellowing or stunting may occur.

Applications should be made only with a conventional compressed air garden sprayer equipped with a flat fan spray tip. Correct calibration of the sprayer is essential. Overdosing will cause severe plant injury and or death of the desired turf. Insufficient application may not give anticipated weed control. Hose-end type sprayers are not recommended because of difficulty with precise calibration and application.

### DIRECTIONS FOR USE:

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

**NOTE:** Do not apply this product through any type of irrigation system. ✓

**IMPORTANT:** Read the entire Directions for Use, all precautions, and the Conditions of Sale and Warranty before using this product.

### USE DIRECTIONS

#### WEEDS CONTROLLED or SUPPRESSED:

Annual Bluegrass (Poa Annua), Chickweed (Common and Mouseear), Crabgrass, Cransbill, Cudweed, Dichondra, Florida Betony, Henbit, Knotweed, Lespedeza, Moneywort, Mustards, Narrowleaf Vetch, Parsley-Piert, Sandspur, Smartgrass, Spurge, Spurweed, Swinecrest, Woodsorrel and various annual clovers.

**ESTABLISHED ST. AUGUSTINEGRASS and CENTIPEDE GRASS.** SA-50 Atrazine 4L may be applied during both dormant and growing seasons. Best results are usually obtained when applied in early spring or dormant periods when weeds are small or have not emerged. Do not apply more than two treatments per year.

SA-50 ATRAZINE 4L controls Spurweed, Florida Betony, Annual Bluegrass and many other problem weeds in St. Augustinegrass and Centipedegrass turfs. SA-50 ATRAZINE 4L will control both emerged weeds and weeds from seeds. Rain or water within 2 or 3 days of application may decrease the effectiveness on emerged weeds. However, for the control of weeds from seeds, rainfall or watering is necessary within 7 to 10 days after treatment.

**SPURWEED:** Control of Spurweed can best be obtained by applying when Spurweed has newly emerged (December and January).

**FLORIDA BETONY:** This weed emerges in the fall. Apply SA-50 Atrazine 4L in mid to late October followed by a second application in mid to late February.

**DICHONDRA, MONEYWORT:** Apply SA-50 Atrazine 4L in early April followed by a second application in July. **Note:** Applications for SPURWEED or FLORIDA BETONY generally will give control or suppression of the other listed weeds. However, as a general rule, SA-50 Atrazine 4L will give best control when applied to young tender weeds or just prior to weed emergence.

Do not graze or feed turf clippings to animals or illegal residues may result.

**RATE OF APPLICATION FOR ST. AUGUSTINEGRASS and CENTIPEDEGRASS.**

Determine total area to be sprayed and base rate of application on the chart below. Shake SA-50 Atrazine 4L well before mixing.

<u>Area to be treated</u>	<u>Amount of SA-50 Atrazine 4L</u>	<u>Suggested Amount of Water</u>
500 sq. ft.	1.5 tablespoonfuls	1 gallon
1,000 sq. ft.	3 tablespoonfuls (1 1/2 oz.)	2 gallons
5,450 sq. ft.	8 ounces	10 gallons
10,900 sq. ft.	1 pint	20 gallons

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store pesticide in the original container in a locked storage area.  
**DISPOSAL:** -If empty: Do not reuse this container. Place in trash or offer for recycling if available.  
 -If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONDITIONS OF SALE AND WARRANTY**

Our recommendations for use of this product are based upon tests believed to be reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals 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 not in strict accordance with the directions and precautions given herewith.

If any part of this label is missing, contact your supplier or manufacturer for full labeled uses and requirements.

**SA-50 Brand Atrazine 4L Herbicide** EPA Reg. No. 829-268  
Distributed By: Southern Agricultural Insecticides, Inc.  
Palmetto, FL 34220

*fresh*

