

432-1469

03/14/2007

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U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
432-1469

Date of Issuance:
MAR 14 2007

Term of Issuance: **Conditional**

Name of Pesticide Product:
Sencor 75% Turf Herbicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bayer Environmental Science
2 T.W. Alexander Dr.
Research Triangle Park, NC 27709

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 section 3(c)(7)(A) provided you agree in writing to:

- 1. Change the Registration Number from 432-RUAO to **432-1469**.

Signature of Approving Official:

James Tompkins, Product Manager (25)
Herbicide Branch, Registration Division (7505P)

Date:

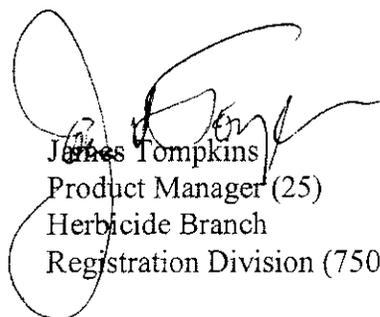
MAR 14 2007

2. On page 2, move the statement "Do not apply this product through any type of irrigation system" to the section "GENERAL PRECAUTIONS AND RESTRICTIONS."
3. On page 2, move the statements "Obtain prompt medical aid if poisoning should occur" and "Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation" into the NOTE TO PHYSICIAN subsection of the FIRST AID statements, or immediately following the FIRST AID section.
4. In the section "GENERAL PRECAUTIONS AND RESTRICTIONS", revise the 4th statement "Avoid spray overlaps that will increase dosages above those recommended" to "Avoid spray overlaps that will increase dosages above those listed."
5. On page 3, revise the statement "NOTE: Not for use in commercial greenhouses, nurseries, on sod farms or on grass grown for seed. For use on plants intended for aesthetic purposes or climatic modification and being grown on golf courses or lawns and grounds" to **"NOTE: Not for use on turf or plants being grown for sale or commercial use, or for commercial seed production or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds."**
6. On page 3, under the subsection "BERMUDAGRASS TURF (Established)", change the word "recommended" from the first statement to "intended."
7. On page 4, revise the table heading "RECOMMENDED APPLICATIONS" to "APPLICATION INSTRUCTIONS."

The basic formulation CSF [dated 12/18/2006] and the alternate formulation CSFs [dated 12/19/2006 and 12/20/2006] of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act are acceptable. The basic and alternate CSFs will be added to your file.

You will submit one (1) copy of your final printed labeling 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 section 6(e). A stamped copy of labeling is enclosed for your records.

If you have any questions, please contact Hope Johnson at 703-305-5410.



James Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505P)

Sencor[®] 75% Turf Herbicide

For control of certain broadleaf and grass weeds in turf.

ACTIVE INGREDIENT:

Metribuzin, 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one 75%

INERT INGREDIENTS:..... 25%

100%

EPA Reg. No. 432-XXXX

EPA Est. No. 3125-MO-001

**STOP - Read the label before use
KEEP OUT OF REACH OF CHILDREN**

CAUTION

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

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-800-334-9745

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • 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. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a Sencor[®] container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: Treat patient symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves made out of any water-proof material
- Shoes plus socks

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 14 2007

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

432-1469

USER SAFETY RECOMMENDATIONS

User 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

Do not contaminate feed or food. Keep out of reach of children.

Obtain prompt medical aid if poisoning should occur.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation.

ENVIRONMENTAL HAZARDS

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 or rinsate.

GROUND WATER ADVISORY: Metribuzin is a chemical which can travel (seep or leach) through soil and can contaminate ground water which may be used as drinking water. Metribuzin has been found in ground water as a result of agricultural use. Users are advised not to apply metribuzin where the water table (ground water) is close to the surface, and where the soils are very permeable, i.e., well drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or 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.

GENERAL INFORMATION

MIXING: Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR 75 Turf Herbicide at the recommended rate. Mix thoroughly and add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to insure a uniform spray mixture.

It is essential that the sprayer be accurately calibrated before applying SENCOR 75 Turf Herbicide. Avoid boom-overlaps that will increase dosages above those recommended. Check the sprayer frequently during application to be sure it is working properly and delivering a uniform spray pattern.

Do not apply this product through any type of irrigation system.

SPRAYER CLEANUP : Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other areas to be sprayed. Drain any remaining spray solution of SENCOR from the spray tank and discard in non-crop areas away from water supplies. Rinse the spray tank and refill with water, adding a heavy-duty detergent at the rate of one cup per 20 gallons of water. Recycle this mixture through the equipment for 5 minutes and spray out. Repeat this procedure twice. Fill the spray tank with clean water, recycle for 5 minutes, and spray out. Clean pump and nozzle screens thoroughly. Wash away any spray mixture from the outside of spray tank, nozzles or spray rig.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not enter or allow others to enter treated area until sprays have dried. Applications should not be made to dormant turf in the transitional bermudagrass growing zones which are or can be expected to be adversely affected by cold weather stress.

Low-pressure and high-volume hand-wand equipment is prohibited.

Apply no more than 2 lbs SENCOR 75 Turf Herbicide (1.5 lbs active ingredient) per acre in a single growing season. Apply no more than 1time to dormant turf and 2 times to actively growing turf in a single growing season.

Avoid spray overlaps that will increase dosages above those recommended.

Do not apply aerially.

Apply only to established bermudagrass turf which has a mowing height of one-half inch or greater. Do not apply to greens, tees, aprons, or other areas of closely mowed turf.

Do not apply within the root zone area of ornamentals, shrubs, or trees as phytotoxicity may occur.

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.

Delay mowing treated areas for at least 3 days for maximum weed control. For best results, delay mowing until after rainfall or irrigation is received. Grass clippings cannot be used for animal feed.

When applying SENCOR to actively growing turf, use the lower rate in areas where soil pH is greater than 7.5.

Do not use on crops grown for food or forage.

Do not allow sprays to drift on to adjacent desirable plants.

NOTE: Not for use in commercial greenhouses, nurseries, on sod farms or on grass grown for seed. For use on plants intended for aesthetic purposes or climatic modification and being grown on golf courses or lawns and grounds.

Observe all cautions and limitations on labeling of all products used in mixtures.

BERMUDAGRASS TURF (Established):

SENCOR 75 Turf Herbicide is recommended for application by commercial applicators only on established bermudagrass turf (such as parks, athletic fields, golf course fairways and cemeteries) which has a mowing height of one-half inch or greater. (See "General Precautions and Restrictions" for area of use).

WEEDS CONTROLLED (Dormant Turf)	
SENCOR 75 Turf Herbicide, applied according to directions when weeds are present and actively growing in bermudagrass turf, will effectively control:	
BROADLEAF WEEDS (EXCEPT CALIFORNIA)	
Alkali mallow (a. sida)	Nettleleaf goosefoot
Bedstraw	Parsley-piert
Carolina geranium	Prostrate knotweed
Carpetweed	Red deadnettle
Common chickweed	Silversheath knotweed
Corn speedwell	Shepherdspurse
Henbit	Small flowered buttercup
Hop clover	Spotted spurge
Spotted bur clover	Spur weed
White clover	Wild mustard
London rocket	
BROADLEAF WEEDS (CALIFORNIA ONLY)	
Alkali mallow (a. sida)	Nettleleaf goosefoot
Carpetweed	Shepherdspurse
Common chickweed	Wild mustard
London rocket	

WEEDS CONTROLLED (Actively Growing Turf)	
SENCOR 75 Turf Herbicide, applied to actively growing bermuda-grass turf according to directions, will effectively control:	
GRASS WEEDS	
Annual bluegrass (Poa annua)	Littleseed canarygrass
	Rabbitfootgrass
Goosegrass (Except California)	

RECOMMENDED APPLICATIONS	
ESTABLISHED BERMUDAGRASS TURF (which has a mowing height of one-half inch or greater)	
POUNDS SENCOR 75 TURF HERBICIDE	Remarks
2/3	DORMANT TURF: Apply specified dosage in 40 gallons of water per acre as a uniform broadcast spray prior to green up of turf. See "General Precautions and Restrictions" prior to using this product on turf.
1/3 to 2/3	ACTIVELY GROWING TURF: Apply specified dosage in 40 gallons of water per acre as a uniform broadcast spray. Application should be made only when turf is vigorously growing and not under stress conditions. Repeat if necessary, but do not apply closer than 1 week intervals. Do not make more than 2 applications to actively growing turf per season. Applications may result in temporary discoloration which turf soon outgrows. See "General Precautions and Restrictions" prior to using this product on turf.

Other Weeds Controlled:

SENCOR 75 Turf Herbicide, tank mixed with MSMA and applied to actively growing bermudagrass turf according to directions will effectively control:

- Barnyardgrass
- Common yellow woodsorrel
- Crabgrass
- Dallisgrass
- Nutsedge
- Sandbur

For control of these weeds, apply SENCOR as directed above and use as a tank mix with MSMA. Consult the MSMA label or contact your local turf extension specialist for additional directions, rates, weed species controlled, and precautions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. 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 must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer Environmental Science. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER ENVIRONMENTAL SCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer Environmental Science is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, BAYER ENVIRONMENTAL SCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTANT WITH APPLICABLE LAW, 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 BAYER ENVIRONMENTAL SCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS:

PRODUCED FOR



Bayer Environmental Science

A BUSINESS GROUP OF BAYER CROPSCIENCE LP
2 T. W. Alexander Drive
Research Triangle Park, NC

Sencor 75 Turf Herbicide (PENDING) Submitted 12/19/06