

432-1469

02/19/2010

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

FEB 19 2010

Mr. Richard M. Gorrell  
Registrations Manager  
Bayer Environmental Science  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Mr. Gorrell,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated August 18, 2009 for the following products:

**Chipco® 26019 FLO brand Fungicide** (EPA Registration Number 432-888)  
**Sencor® 75% Plus Turf Herbicide** (EPA Registration Number 432-1469)

The Registration Division (RD) has conducted its review of these requests for their applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The labels submitted with the applications have been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 432-1469	2. EPA Product Manager Ms. Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sencor 75 Turf Herbicide	PM#	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T. W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**NOTIFICATION**

**FEB 19 2010**

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and it may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
- Container Disposal Statement Revision as per EPA mandate

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 4x5 lb jug		5. Location of Label Directions <input type="checkbox"/> _____ on label	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph Paper glued Stenciled		<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (919) 549-2423
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature <i>Richard M. Gorrell</i>	3. Title Manager, Registrations	
4. Typed Name Richard M. Gorrell	5. Date August 18, 2009	



# Bayer Environmental Science

August 18, 2009

EPA09RMG0818SencorNotifContDisp  
Fedex

Ms. Linda Arrington  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504P)  
Document Processing Desk (Notif)  
Room S-4900, One Potmac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

RE: Sencor 75% Turf Herbicide (EPA Reg No. 432-1469)  
Notification to Add Container Disposal Statement

Dear Ms. Arrington:

Bayer Environmental Science (BES) is notifying the Agency of the addition of a revised container disposal statement for the Sencor 75 Turf Herbicide label. The label language is exactly as prescribed by the Agency in PR Notice 2007-4.

Bayer Environmental Science  
2 T.W. Alexander Drive  
RTP, NC 27709  
Phone : 919.549.2000

The following information is included with this amendment:

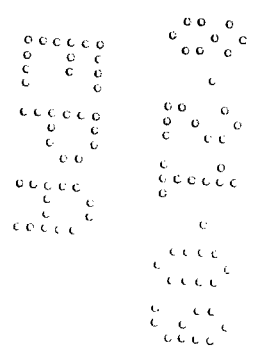
- 8570-1 form
- Revised Label (4 paper copies; one highlighted copy)

If you have any questions, contact me at (919) 549-2423 or email me at [mike.gorrell@bayercropscience.com](mailto:mike.gorrell@bayercropscience.com).

Sincerely,

Richard M. Gorrell  
Manager, Registrations

Cc: Karen Shearer



# Sencor<sup>®</sup> 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. 432-1469

EPA Est. No. 3125-MO-001

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

## CAUTION

NOTIFICATION

FEB 19 2010

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 1-800-331-2867

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a SENCOR<sup>®</sup> 75% Turf Herbicide container or label with you when calling a poison control center or doctor, or going for treatment.

**Note To Physician:** Treat patient symptomatically. 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.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

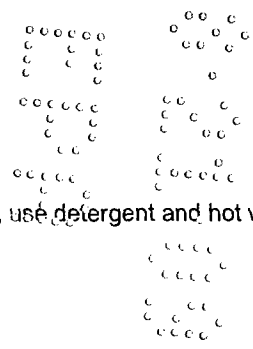
Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**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.



### 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.

### 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:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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.

**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 75% Turf Herbicide 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 can be expected to be adversely affected by cold weather stress.

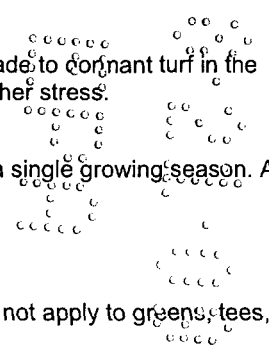
Low-pressure and high-volume hand-wand equipment is prohibited.

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

Avoid spray overlaps that will increase dosages above those listed.

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 75% Turf Herbicide 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 onto adjacent desirable plants.

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

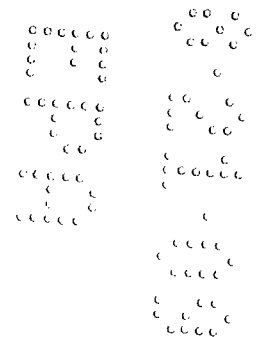
**NOTE: Not for use on turf or plants being grown for sale or commercial use, or for commercial seed production or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamentals gardens or parks, or on golf courses or lawns and grounds.**

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

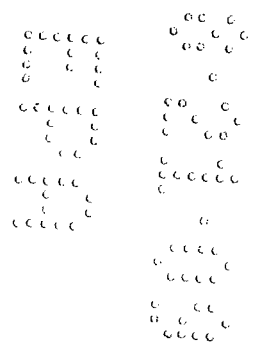
**BERMUDAGRASS TURF (Established):**

SENCOR 75% Turf Herbicide is intended 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).

<b>WEEDS CONTROLLED (Dormant Turf)</b>	
SENCOR 75% Turf Herbicide, applied according to directions when weeds are present and actively growing in Bermudagrass turf, will effectively control:	
<b>BROADLEAF WEEDS (EXCEPT CALIFORNIA)</b>	
Alkali mallow ( <i>a. sida</i> )	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	
<b>BROADLEAF WEEDS (CALIFORNIA ONLY)</b>	
Alkali mallow ( <i>a. sida</i> )	Nettleleaf goosefoot
Carpetweed	Shepherdspurse
Common chickweed	Wild mustard
London rocket	



<b>WEEDS CONTROLLED (Actively Growing Turf)</b>	
SENCOR 75% Turf Herbicide, applied to actively growing Bermudagrass turf according to directions, will effectively control:	
<b>GRASS WEEDS</b>	
Annual bluegrass ( <i>Poa annua</i> )	Littleseed canarygrass
Goosegrass (Except California)	Rabbitfootgrass



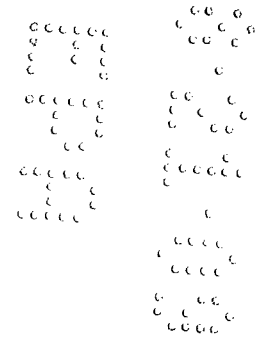
APPLICATION INSTRUCTIONS	
ESTABLISHED BERMUDAGRASS TURF (which has a mowing height of one-half inch or greater)	
POUNDS SENCOR 75% TURF HERBICIDE	Remarks
2/3	<b>DORMANT TURF:</b> Apply specified dosage in 40 gallons of water per acre as a uniform broadcast spray prior to green up of turf. See "General Precautions and Restrictions" prior to using this product on turf.
1/3 to 2/3	<b>ACTIVELY GROWING TURF:</b> 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 75% Turf Herbicide 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.





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### 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 CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 CONSISTENT 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 CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

### NET CONTENTS:

PRODUCED FOR



Bayer Environmental Science

A BUSINESS GROUP OF BAYER CROPSCIENCE LP  
PO BOX 12014 2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

Sencor 75% Turf Herbicide (MASTER) 03/14/07, Notification 08/19/09

