



United States Environmental Protection Agency
Washington, DC 20460

Registration Amendment	OPP Identifier Number 252423
Other	

Application for Pesticide Section I

1. Company/Product Number 3125-314	2. EPA Product Manager Philip V. Errico	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) Bayer SENCOR 4	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Bayer Corporation 8400 Hawthorn Road, P.O. Box 4913 Kansas City, MO 64120 <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 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

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Three tank mix partners have been added to the SENCOR field corn (preemergence) section. APR 24 1997

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input 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
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> 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 Brian A. Dehart	Title Registration Senior Scientist	Telephone No. (Include Area Code) (816)-242-2381
2. Signature <i>John S. Thornton</i>		3. Title Director, Product Registrations and Regulatory Affairs
4. Typed Name John S. Thornton	5. Date March 27, 1997	
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 (Stamped)

314-8856.YLD

Base Pre-Reg (8856)

U. S. LABEL

Reason to Issue: To revise claims for preplant/preemergence use on field corn. 08/19/94 Draft: Revise according to internal field comments. 10/27/94 Draft: Correct state list in table. 08/27/96 Draft: To add the tank mix partners Harness Xtra, Topnotch and Pentagon.

Date of Draft: 08/27/96 (Pre-Reg) (D) Supersedes Pre-Reg Drafts Dated: 08/19/94, 08/04/94, and 10/27/94

Sencor® 4

Flowable Herbicide

ACTIVE INGREDIENT:

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one 41%
INERT INGREDIENTS: ~~59%~~
100%

EPA Reg. No. 3125-314

AMENDMENT TO CURRENTLY REGISTERED LABELING REVISE TO READ AS FOLLOWS:

FIELD CORN

(Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota and Wisconsin)

SENCOR 4 is recommended for additional residual control of certain broadleaf weed species in corn when applied as a tank mix combination with both grass and broadleaf

herbicides registered and recommended for use in field corn. SENCOR 4 can be tank mixed with recommended rates of the following herbicides:

Alachlor	Broadstrike + Dual	Extrazine II	Linex	Pursuit*
Atrazine	Broadstrike Plus	Frontier	Linuron	Ramrod
Banvel	Bullet	Guardzman	Lorox	Ramrod/Atrazine
Bicep	Clarity	Harness	Marksman	Simazine
Bicep II	Cycle	Harness Plus	Pentagon	Surpass
Bicep Lite	Dual	Harness Xtra	Prowl	Surpass 100
Bladex	Dual II	Lariat	Pursuit Plus*	Topnotch

* Use only on Pursuit resistant/tolerant corn hybrids (IMI corn).

Application: SENCOR 4 may be applied to field corn preplant without incorporation up to 30 days prior to planting or preemergence. Applications may be made by either ground or aerial equipment. For tank mixes, follow the most restrictive application methods of all products used.

Special precautions:

1. Do not apply more than 8 fluid ounces SENCOR 4 (0.25 pound active ingredient) per acre per growing season.
2. Do not apply on soils having pH 7.0 or greater.

3. Corn seed should be planted a minimum of 1-1/2 inches deep.
4. SENCOR 4 may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to SENCOR 4.
5. Not recommended for use on muck soils as reduced weed control may result.
6. Observe all precautions and limitations on labeling of all products used in tank mixes.

Feeding restrictions: Corn treated with SENCOR 4 may be harvested for silage or grain 60 days after treatment. For tank mixes, follow the most restrictive preharvest interval of all products used.

Text being added is highlighted by redlining

Text being deleted is highlighted by ~~strikeout~~

Sencor 4

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SENCOR 4 Flowable Herbicide

Weeds controlled:* SENCOR 4 will aid in the residual preemergence control of the following weed species when tank mixed with other registered grass and/or broadleaf corn herbicides:

Horseweed/marestail
 Ladythumb
 Lambsquarters, common
 Pigweed spp.
 Ragweed, common
 Smartweed, Pennsylvania
 Sunflower
 Velvetleaf
 Waterhemp, Tall

* For control of emerged weeds refer to the "Burndown Weed Control" section of the SENCOR label.

SENCOR 4 FIELD CORN RATE RECOMMENDATIONS			
STATES	APPLICATION TIMING	SENCOR 4 fl ozs/A	REMARKS
Iowa Kansas Missouri	Nebraska South Dakota	Preplant (0 to 30 days)	3 to 8 Apply as a broadcast spray prior to corn emergence from the soil. Do not apply SENCOR 4 on coarse textured soils with less than 1.5% organic matter.
		Preemergence	
Illinois Indiana Kentucky Michigan	Minnesota Ohio	Preplant (10 to 30) days	3 to 8 Do not apply more than 6 fl oz SENCOR 4 per acre on soils with less than 2.0% organic matter.
	Wisconsin	Preplant (0 to 9 days)	
		Preemergence	3 to 6 For heavy weed infestations and/or early preplant applications, use the higher rates of SENCOR DF.

Consult the label of herbicide tank mix partners to determine proper use rates for the other product(s).

