

314-6897.YLD

PM 75 3125-314 1/23

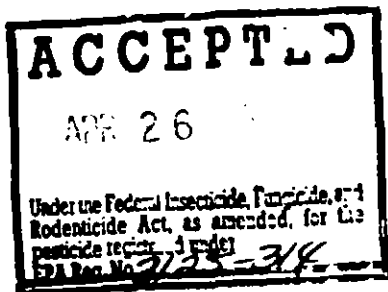
Base Pre-Reg. (6897)

U.S. LABEL

Date of Draft: 1/24/90 (Pre-Reg)(H)

Reason to Issue: To add claims for
SENCOR plus Commence tank mix early
(up to 30 days before planting)
preplant incorporated application to
soybeans.

EPA Reg. No. 3125-314



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%

AMENDMENT TO CURRENTLY REGISTERED LABELING

ADD THE FOLLOWING CLAIMS FOR SOYBEANS:

SENCOR plus Commence Tank Mix Early Preplant Incorporated Application

SENCOR 4 in a tank mix with Commence 5.25 EC may be applied broadcast preplant incorporated up to 30 days before planting soybeans for the control of certain broadleaf weeds and grasses. Refer to the Commence herbicide label for additional directions for use, weeds controlled, recommendations, restrictions and limitations not specified on this label.

Mixing: Refer to the "General Information" section on this label.

Application: For information on applying SENCOR 4, refer to the "General Information" section on this label.

2123

SENCOR 4 Flowable herbicide

RECOMMENDED APPLICATION

SENCOR 4 plus Commence 5.25 EC Tank Mix
Early Preplant Incorporated Application^{a/}

Soil Texture	Organic Matter			
	1/2 - 3%		Over 3%	
	SENCOR 4 pts/A	Commence 5.25 EC pt/A	SENCOR 4 pts/A	Commence 5.25 EC pt/A
Coarse ^{b/}	3/4	1 1/3-2	3/4	1 1/3-2
Medium	1	2-2 1/4	1	2-2 1/4
Fine	1	2 2/3	1 1/2	2 2/3

^{a/} For use on soils with a pH of 7.5 or lower.

^{b/} Do not use on coarse soils with less than 1% organic matter.

Restrictions and Limitations:

Do not apply aerially or through irrigation equipment.

Do not apply when weather conditions favor drift.

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

Do not use treated vines for feed or forage.

Do not rotate to wheat, oats, barley, rye, alfalfa or seed corn in the fall of the year of application or in the spring of the following year as crop injury may occur.

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

U.S. LABEL

Reason to Issue: Revise tank mix with
linuron plus Lasso or Dual on soybeans
to specify linuron 50 DF instead of 50 WP.

Date of Draft: 1/31/90 (Pre-Reg)(H)

EPA Reg. No. 3125-314

SENCOR® 4
Flowable Herbicide

ACTIVE INGREDIENT:

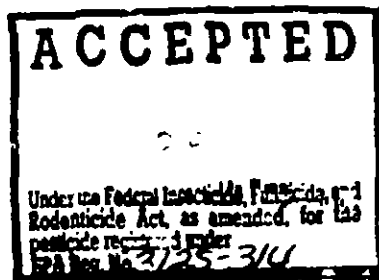
4-Amino-6-(1,1-dimethylethyl)-3-
(methylthio)-1,2,4-triazin-5(4H)-one 41%

INERT INGREDIENTS: 59%
100%

AMENDMENT TO CURRENTLY REGISTERED LABELING

REVISE TO READ AS FOLLOWS:

SOYBEANS



4123

SENCOR 4 Flowable Herbicide

SENCOR plus linuron plus (Lasso or Dual) Tank Mix Application

SENCOR 4 may be applied in combination with linuron 50 DF or 4L and Lasso 4 or Dual 8 EC as a preemergence application for the control of certain weeds in soybeans. Consult the linuron, Lasso, or Dual labels for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.

Mixing

Refer to the "General Information" section in the front of this label.

Application

Applications can be made only with ground spray equipment in accordance with specified soil types and dosage rates. For specific application information, refer to the "General Information" section in the front of this label.

Broadcast Rates (0.5 to 3% Organic Matter Only)

SOIL TEXTURE	SENCOR 4 Pts/Acre	linuron 50 DF or 4L (lb/Acre) or (pts/Acre)	Lasso 4 or Dual 8 EC Qt/Acre Pt/Acre
Coarse ^{1/} (Sandy, loamy sand, sandy loam)	1/4 to 3/8	1/3 to 1/2	3/4 to 1 or 1 to 1 1/4
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	3/8 to 1/2	1/2 to 3/4	1 to 1 1/4 or 1 1/4 to 1 1/2
Fine (Silty clay, silty clay loam ^{2/} , clay, clay loam)	1/2 to 3/4	3/4 to 1 1/2	1 1/4 to 2 or 1 1/4 to 2

^{1/} Do not use SENCOR plus linuron plus (Lasso or Dual) on sand soils with less than 1% organic matter.

^{2/} Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Special Precautions: SENCOR plus linuron plus (Lasso or Dual)

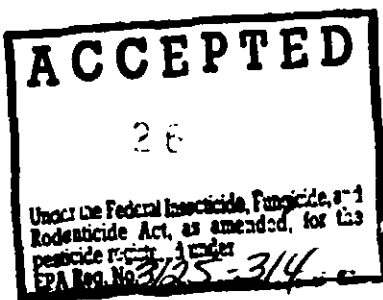
For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the linuron label and the Lasso or Dual labels.

U.S. LABEL

Reason to Issue: To add tank mix
with Harmony Extra herbicide on wheat.

Date of Draft: 1/19/90 (Pre-Reg) (H)

EPA Reg. No. 3125-314



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%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING**REVISE TO READ AS FOLLOWS:****WINTER WHEAT**

FOR USE ON WINTER WHEAT IN IDAHO, OREGON, UTAH AND WASHINGTON ON THE VARIETIES DAWS, GAINES, HATTON, HILL 81, HYSLOP, LUKE, McDERMID, MORO, NUGAINES, PAHA, PECK, SPRAGUE, STEPHENS, WANSER, FARO, TYEE, AND WESTON AND IN MONTANA ON THE VARIETIES CENTURK, CHEYENNE AND WINALTA.

A single postemergence application of SENCOR 4 is recommended for control of certain grass and broadleaf weeds in Winter wheat.

RECOMMENDED BROADCAST APPLICATIONS^{1/}

SOIL TEXTURE	SENCOR 4 PINTS PER ACRE		
	0.75% to 1% Organic Matter ^{2/}	1% to 2% Organic Matter	More than 2% Organic Matter
Coarse loamy sand, sandy loam	0.5 to 0.6	0.5 to 0.6	0.5 to 0.6
Medium loam, silt loam, silt, sandy clay, sandy clay loam	0.5 to 0.6	0.6 to 0.75	0.6 to 0.9
Fine silty clay, silty clay loam ^{3/} , clay, clay loam	0.5 to 0.75	0.75 to 1.0	0.75 to 1.0

^{1/} Do not use on gravelly or thinly covered or exposed subsoil areas (clay knobs) as crop injury may occur.

^{2/} Do not use on any soils containing less than 0.75% organic matter.

^{3/} Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Weeds Controlled in Wheat:

Broadleaves

Annual Polemonium (Jacob's Ladder)
(Polemonium micranthum)
Chickweed, Common
(Stellaria media)
Conical Catchfly
(Silene conica)
Corncockle
(Agrostemma githago)
Fiddleneck, Tarweed
(Amsinckia lycopsoidea)
Crownwillow
(Lithospermum officinale)
Henbit
(Lamium amplexicaule)
Ivyleaf Speedwell
(Veronica hederifolia)
Knotweed, Prostrate
(Polygonum aviculare)
*Kochia
(Kochia scoparia)
Lambsquarters
(Chenopodium album)
Madwort (catchweed)
(Asperugo procumbens)
Mayweed (dog fennel)
(Eupatorium capillifolium)
Miners Lettuce
(Claytonia perfoliata)
*Mustard, blue or purple
(Chorispora tenella)
*Mustard, Jim Hill (tumble)
(Sisymbrium altissimum)
*Mustard, Wild
(Brassica kaber)
Pennycress, Field
(Thlaspi arvense)
Pineappleweed
(Matricaria matricarioides)
Prickly Lettuce
(Lactuca serriola)
Pigweeds,
(Amaranthus spp.)
Redstem filaree
(Erodium cicutarium)
*Russian Thistle
(Salsola iberica)
Shepherdspurse
(Capsella bursa-pastoris)

Grasses

*Blackgrass (Black twitchgrass)
(Alopecurus myosuroides)
*Bluegrass, bulbous
(Poa bulbosa)
*Cheatgrass
(Bromus secalinus)
*Downy Brome
(Bromus tectorum)
*Foxtails
(Setaria spp.)
*Rescuegrass
(Bromus catharticus)
*Ryegrass, Italian
(Lolium multiflorum)
*Wild Barley
(Hordeum leporinum)
*Windgrass
(Apera spica-venti)

*Suppression only may occur

For suppression of these weeds, use the highest rate recommended for soil texture and percent organic matter. Suppression is a reduction in weed size and growth compared to a non-treated area in the same field.

Hard-To-Control Weeds:

Broadleaves

Cowcockle

(Vaccaria pyramidata)

Mustard, Tansy

(Descurainia pinnata)

Wild Buckwheat

(Polygonum convolvulus)

Grasses

Ripgut Brome

(Bromus diandrus)

Wild Oats

(Avena fatua)

NOTE: Control of these weeds may be variable, ranging from poor to excellent depending on timing of application, stage of growth at the time of application, temperatures, and soil moisture conditions following treatment.

SENCOR In Combination With Other Herbicides

SENCOR 4 may be applied as a tank mix with Finesse®, Glean®, Harmony®, Harmony Extra, 2,4-D, MCPA, Igran®, Banvel, Bronate or Buctril®. Refer to the other product labels registered for this use for additional directions, rates and weed species controlled. Observe all cautions and limitations on labeling of all products used in mixtures.

314-6942.YLD

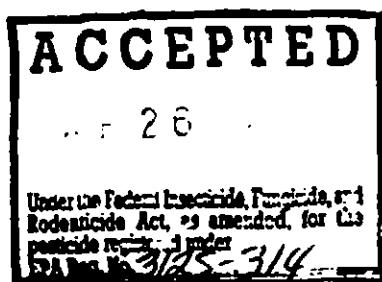
Base Pre-Reg. (6942)

U.S. LABEL

Reason to Issue: To show reduced rate
for field pennycress.

Date of Draft: 3/7/90 (Pre-Reg)(H)

EPA Reg. No. 3125-314

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%

AMENDMENT TO CURRENTLY REGISTERED LABELING

Revise to read as follows:

ALFALFA and SAINFOIN
(All Areas except California)

RECOMMENDED BROADCAST APPLICATIONS

CROP	SENCOR 4 Pints/Acre	REMARKS
Alfalfa and Sainfoin	1/2 to 2	<u>ALL AREAS:</u> Select the proper dosage according to weeds known to be present in field to be treated. Use the lower rate of SENCOR 4 on sandy loam or loamy sand soils in areas other than Idaho, Oregon, and Washington.
	1/2 to 3/4	<u>IDAHO, OREGON AND WASHINGTON ONLY:</u> On sandy loam or loamy sand soils apply SENCOR 4 at rates of 1/2 to 3/4 pint per acre for control of common chickweed only.

FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES:

Rates of 1 to 1-1/2 pints of SENCOR 4 per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa. Higher rates will severely reduce forage grass stands.

SENCOR 4 should not be used on sand soils. In areas West of the Rocky Mountains, avoid using SENCOR 4 on soils with calcareous surface area, high levels of lime or sodium, or a pH greater than 8.2.

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9/23
SENCOR 4 Flowable Herbicide

ALFALFA AND SAINFOIN (Cont'd)

Weeds Controlled:

1/2 to 3/4 pint SENCOR 4/acre

Chickweed, Common
(Stellaria media)

3/4 to 1 pint SENCOR 4/acre

Cheat (Bromus secalinus)
Deadnettle, Purple (Lamium purpureum)
Downy brome (Bromus tectorum)
Japanese brome (Bromus japonicus)
Pennycress, Field (Thlaspi arvense)
Rescuegrass (Bromus catharticus)
Shepherdspurse (Capsella bursa - pastoris)

1 to 2 pints SENCOR 4/acre

Broadleaves

Fleabane, Rough
(Erigeron strigosus)
Flixweed
(Descurainia sophia)
Henbit
(Lamium amplexicaule)
Kochia
(Kochia scoparia)
Lambsquarters, Common
(Chenopodium album)
Marestail (Horseweed)
(Hippuris vulgaris)
Meadow Salsify
(Tragopogon pratensis)
Mustard, Blue
(Chorispora tenella)
Mustard, Jim Hill (tumble)
(Sisymbrium altissimum)
Mustard, Tansy
(Descurainia pinnata)
Pepperweed
(Lepidium virginicum)

Pigweed, Redroot
(Amaranthus retroflexus)
Prickly Lettuce
(Lactuca serriola)
White Cockle
(Melandrium album)
Wild Buckwheat
(Polygonum convolvulus)
Yellow Rocket
(Barbarea vulgaris)

Grasses

Foxtail, Green
(Setaria viridis)
Little Barley
(Hordeum pusillum)
Smooth Brome
(Bromus inermis)
Wild Oats
(Avena fatua)

10/23
SENCOR 4 Flowable Herbicide

ALFALFA AND SAINFOIN (Cont'd)

2 pints SENCOR 4/Acre

Broadleaves

Chickweed, Mouseear
(Cerastium vulgatum)
Dandelion
(Taraxacum officinale)
Ragweed, Common
(Ambrosia
artemisiifolia)

Grasses

Barnyardgrass
(Echinochloa crus-galli)
Bluegrass
(Poa annua)
Foxtail Barley
(Hordeum jubatum)

Weeds Partially Controlled: At the rate of 2 pints/acre SENCOR 4 may be used to reduce the competition from curly dock (Rumex crispus). At 1 to 2 pints/acre SENCOR 4 may be used to reduce the competition of German moss or knawel (Scleanthus annus).

314-6944.YLD

Base Pre-Reg (6944)

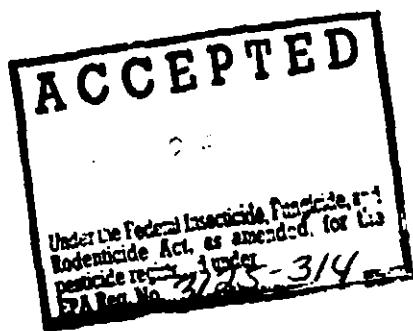
U.S. LABEL

Reason to Issue: Revise combinations
with Scepter herbicide to include
70 DG formulation.

Date of Draft: 3/8/90 (Pre-Reg)(H)

EPA Reg. No. 3125-314

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%

AMENDMENT TO CURRENTLY REGISTERED LABELING

Revise to read as follows for soybeans:

SEQUENTIAL APPLICATION OF SCEPTER FOLLOWING SENCOR 4:

If needed, application of SENCOR 4 alone or in a registered tank mix according to directions on this label, may be followed by an early postemergence application of Scepter herbicide (1.5 lb/gal liquid or 70 DG) for control of cocklebur. Apply 1/6 to 1/3 pint of Scepter (0.7 to 1.4 ounces of Scepter 70 DG) in a minimum of 20 gallons of water per acre. Use 1/6 pint of Scepter (0.7 ounce of Scepter 70 DG) if cocklebur are less than 3 inches tall or have fewer than 3 leaves and are actively growing. For cocklebur less than 6 inches tall and actively growing use 1/3 pint of Scepter (1.4 ounces of Scepter 70 DG) per acre. Do not use Scepter when soybeans or cocklebur have been subjected to stress conditions such as temperature or moisture extremes. Do not exceed a total of 2/3 pint of Scepter (2.8 ounces of Scepter 70 DG) per acre in one season. Wait at least 10 days after application of Scepter before cultivating.

When preparing the spray mixture with Scepter, add 2 pints of nonionic surfactant approved for use on growing crops and containing at least 80% active ingredient per 100 gallons of mixture. Apply crop oil concentrate (COC) at the rate specified on the COC label.

Use Scepter only in the states where it is registered as listed on the product label.

Apply Scepter at least 90 days before harvest of soybeans. Do not graze or feed soybean forage, hay, or straw to livestock.

Refer to the Scepter label for additional cautions and precautions, directions, limitations, and information on environmental hazards and planting of rotational crops.

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SENCOR 4 Flowable herbicide

SENCOR Plus SCEPTER Plus A Grass Herbicide

SENCOR 4 may be applied with Scepter herbicide and a grass herbicide (Treflan, Lasso, Dual, Prowl or Sonalan) for the control of certain broadleaf weeds and grasses in soybeans. SENCOR and Scepter plus Treflan or Sonalan may be applied preplant incorporated broadcast. SENCOR and Scepter plus Lasso, Dual or Prowl may be applied preplant incorporated, preemergence broadcast or in a band application. Consult the Scepter, Treflan, Lasso, Dual, Prowl or Sonalan labels for specific directions for use, recommendations, restrictions and additional weeds controlled not specified on this label.

Mixing:

Refer to the "General Information" section in the front of this label.

Application:

For specific application information, refer to the "General Information" section in the front of this label.

Weeds Controlled:

SENCOR plus Scepter plus Treflan, Lasso, Dual, Prowl or Sonalan will control the following broadleaf weeds and grasses:

Annual Grasses

Barneyardgrass
Bluegrass
Broadleaf Signalgrass
Browntop millet
Crabgrass
Crowfootgrass
Foxtails
Goosegrass
Johnsongrass (seedling)
Panicum, Fall
Witchgrass

Annual Broadleaves

Bristly Starbur	Purslane
Buffalobur	Ragweed, Common
Carpetweed	Redweed
Cocklebur	Russian Thistle
Coffee Senna	Sesbania
Copperleaf, Hophornbeam	Shepherdspurge
Florida Beggarweed	Sicklepod
Florida Pusley	Smartweeds
Galinsoga	Spotted spurge
Jimsonweed	Spurred Anoda
Knotweed	Sunflower
Kochia	Velvetleaf
Lambsquarters, Common	Venice mallow
Morningglory, pitted	Wild mustards
Morningglory, smallflower	
Pigweeds	
Prickly sida/Teaweed	

SENCOR and Scepter plus Treflan, Lasso, Dual, Prowl or Sonalan will provide suppression (reduce the competition) of ivyleaf and tall morningglory, and red rice.

SENCOR 4 Flowable herbicide

SENCOR Plus Scepter Plus A Grass Herbicide (Cont'd)

Recommended Application (broadcast rates)

A = Treflan (pt/acre)
B = Dual (pt/acre)
C = Prowl (pt/acre)

D = Lasso (qt/acre)
E = Sonalan (pt/acre)

Soil ^{1/} Texture						Scepter (1.5 lb/gal liquid) ^{3/} - OR - Scepter		
	A	B	C	D	E	SENCOR 4 pint/acre	pint/acre	ounce
Coarse	1	1½-1½	1½	2-2½	1½-2	1/2	1/3 to 1/2	1.4 t
Medium	1½	1½-2	1½-2	2½-3	1 3/4-2½	1/2 to 3/4 ^{2/}	1/3 to 1/2	1.4 t
Fine	2	2-2½	1½-2½	2½-3	2½-3	3/4 to 1 ^{2/}	1/3 to 1/2	1.4 t

^{1/} Refer to "Soil Texture" paragraph on this label for specific soil classification. On coarse with a calcareous surface area or a pH of 7.5 or higher, do not use on loamy sand or sandy less than 1% organic matter.

^{2/} The higher rate of SENCOR 4 is recommended for preemergence tank mix application and for the sicklepod and hemp sesbania. Use the lower rate of SENCOR in the preplant incorporated tank having a calcareous surface area or a pH of 7.5 or higher, and in those situations where soil field vary extremely in texture or organic matter content.

^{3/} Higher rate is recommended under moderate to heavy weed infestations.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registrant, under EPA Reg. No. 3725-3/4

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one 41%

AMENDMENT TO CURRENTLY REGISTERED LABELING

ADD THE FOLLOWING FOR SOYBEANS:

SENCOR plus Pursuit and a Grass Herbicide

SENCOR 4 may be tank mixed with Pursuit herbicide and a registered and recommended grass herbicide (Dual, Lasso, Prowl, Sonalan or Treflan) for control of certain broadleaf and grass weeds in soybeans. Refer to the product labels for Pursuit, Dual, Lasso, Prowl, Sonalan or Treflan for additional directions for use, recommendations, restrictions and limitations not included on this label.

Tank mix combinations of SENCOR 4, Pursuit and Dual, Lasso or Prowl can be applied broadcast preemergence or preplant incorporated. When the grass herbicide used is Sonalan or Treflan, apply the tank mix broadcast preplant incorporated.

Mixing and Application: Refer to the "General Information" section of this label for directions on mixing and application of SENCOR 4.

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SENCOR 4 Flowable Herbicide

Recommended Applications

SENCOR 4 plus Pursuit and a Grass Herbicide* (Broadcast Rates)

<u>Soil Texture</u>	<u>Sencor 4 (pts/A)</u>	+	<u>Pursuit oz/A</u>
Coarse	1/2	+	4
Medium	3/5 - 3/4	+	4
Fine	3/4 - 1	+	4

*For control of grass weeds, include Dual, Lasso, Prowl, Sonalan or Treflan at label rates in the tank mix with SENCOR 4 and Pursuit herbicides.

Restrictions and Limitations:

Do not apply this tank mix with aerial or irrigation equipment. Do not apply when weather conditions favor drift, or allow sprays to drift on to adjacent desirable plants. Do not use treated vines for feed or forage. Refer to appropriate sections of the Pursuit herbicide label for restrictions on use area and rotational crops.

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

SENCOR plus Pursuit Plus Herbicide

SENCOR 4 may be tank mixed with Pursuit Plus herbicide for broadcast preemergence or preplant incorporated application to soybeans for control of certain broadleaf and grass weeds. Refer to the Pursuit Plus herbicide label for additional directions for use, recommendations, restrictions and limitations not included on this label.

Mixing and Application: Refer to the "General Information" section of this label for directions on mixing and application of SENCOR 4.

Recommended Applications

SENCOR 4 plus Pursuit Plus Herbicide (Broadcast Rates)

<u>Soil Texture</u>	<u>SENCOR 4 (pts/A)</u>	<u>Pursuit Plus (pts/A)</u>
Coarse	1/2	2 1/2
Medium	3/5 - 3/4	2 1/2
Fine	3/4 - 1	2 1/2

Restrictions and Limitations:

Do not apply this tank mix with aerial or irrigation equipment. Do not apply when weather conditions favor drift, or allow sprays to drift on to desirable plants.

Do not use treated vines for feed or forage.

Refer to appropriate sections of the Pursuit Plus herbicide label for restrictions on use area and rotational crops.

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

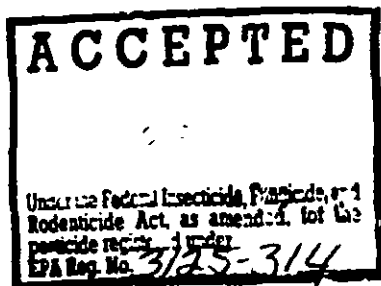
U.S. LABEL

Date of Draft: 4/10/90 (Pre-Reg)(H)

Reason to Issue: To revise claim for sicklepod in soybeans from "suppression" to "control" for SENCOR alone (preemergence).

EPA Reg. No. 3125-314

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%

AMENDMENT TO CURRENTLY REGISTERED LABELING**REVISE TO READ AS FOLLOWS:****WEEDS CONTROLLED BY SENCOR AND SENCOR HERBICIDE TANK-MIX COMBINATIONS**

- C = Control S = Suppression or Erratic Control P = Poor or No Control
 0 = No Information (Control may range from poor to excellent)
- | | | |
|-------------------------|------------------------------------|-----------------------------------|
| 1 = SENCOR Alone | 6 = SENCOR plus Lasso | 11 = SENCOR + Surflan & Gramoxone |
| 2 = SENCOR Split-Shot | 7 = SENCOR plus Surflan | 12 = Extended Split-Shot |
| 3 = SENCOR plus Treflan | 8 = SENCOR plus Amiben | 13 = SENCOR plus Sonalan |
| 4 = SENCOR plus Dual | 9 = SENCOR plus Gramoxone | 14 = SENCOR plus linuron |
| 5 = SENCOR plus Prowl | 10 = SENCOR plus Lasso & Gramoxone | plus (Lasso or Dual) |

**ANNUAL BROADLEAF
WEEDS**

Sicklepod
(*Cassia obtusifolia*)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sicklepod (<i>Cassia obtusifolia</i>)	C	C	S	C	S	C	S	C	C	C	S	C	S	S

314-6974.YLD

Base Pre-Reg. (6974) 18/23

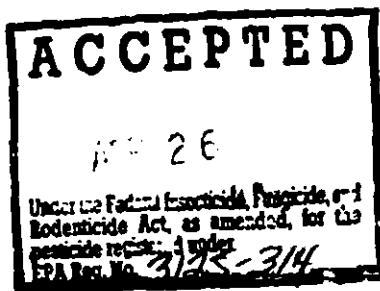
U.S. LABEL

Reason to Issue: To include Paloma 350
in list of soybean varieties sensitive
to SENCOR.

Date of Draft: 4/9/90 (Pre-Reg)(H)

EPA Reg. No. 3125-314

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%

AMENDMENT TO CURRENTLY REGISTERED LABELING

REVISE TO READ AS FOLLOWS:

Due to the sensitivity of certain soybean varieties, SENCOR is not recommended for use on sensitive varieties, such as, Altona, AP 55, AP 71, Asgrow 6520, Burlison, Coker, 102, Coker 156, Dassel, Govan, Maple Amber, NKS 1884, Paloma 350, Portage, Regal, Semmes, Terra-Vig 505, Terra-Vig 606, Tracy, Vansoy, and Vinton 81. Consult your Mobay Representative or your seed supplier for information on the tolerance to SENCOR of newly released soybean varieties, prior to use of SENCOR.

314-6889.YLD

19/23
Base Pre-Reg. (6889) 1

U.S. LABEL

Reason to Issue: To add claims for use
on Winter Wheat in Kentucky.
1/18/90 Draft: To include 7 additional
varieties of wheat that can be treated
in Arkansas, Kentucky, Louisiana, Mississippi
and Tennessee.

Date of Draft: 1/18/90 (Pre-Reg)(H)
Supersedes Pre-Reg Draft Dated:
12/1/89

EPA Reg. No. 3125-314

SENCOR® 4
Flowable Herbicide

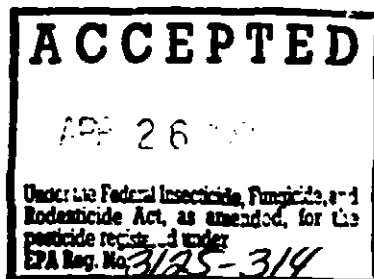
ACTIVE INGREDIENT:

4-Amino-6-(1,1-dimethylethyl)-3-
(methylthio)-1,2,4-triazin-5(4H)-one 41%

INERT INGREDIENTS: 59%
100%

AMENDMENT TO CURRENTLY REGISTERED LABELING

Revise to read as follows:



10/27

Dryland (Non-Irrigated) Winter Wheat Only

(Arkansas, Kentucky, Louisiana, Mississippi and Tennessee)

Weeds Controlled:

	<u>Broadleaves</u>	<u>Grasses</u>
Bittercress (<u>Cardamine spp.</u>)	Pepperweed, Virginia (<u>Lepidium virginicum</u>)	Bluegrass, Annual (<u>Poa annua</u>)
*Buttercup (<u>Ranunculus spp.</u>)	Pigweeds (<u>Amaranthus spp.</u>)	*Cheatgrass (<u>Bromus secalinus</u>)
Carolina Geranium (<u>Geranium carolinianum</u>)	Shepherdspurse (<u>Capsella bursa-pastoris</u>)	*Downy Brome (<u>Bromus tectorum</u>)
Chickweed, Common (<u>Stellaria media</u>)	Whitlowgrass, Spring (<u>Draba Verna</u>)	Little Barley (<u>Hordeum pusillum</u>)
Chickweed, Mouseear (<u>Cerastium vulgatum</u>)	Wild Turnip (<u>Brassica rapa</u>)	*Rescuegrass (<u>Bromus catharticus</u>)
Cutleaf Evening Primrose (<u>Oenothera laciniata</u>)		*Ryegrass, Italian (<u>Lolium multiflorum</u>)
Henbit (<u>Lamium amplexicaule</u>)		
*Kochia (<u>Kochia scoparia</u>)		
Lambsquarters, Common (<u>Chenopodium album</u>)		
Mayweed (dog fennel) (<u>Eupatorium capillifolium</u>)		
Mustard, Wild (<u>Brassica kaber</u>)		

*For control of these weeds on fine soils, use SENCOR 4 at 1 pint/acre.

Note: Control of wild buckwheat (Polygonum convolvulus) and winter vetch (Vicia spp.) may be variable with SENCOR 4, ranging from poor to excellent depending on growth at time of application, temperatures and moisture conditions following application.

Recommended for use only on the following wheat varieties:

Abe, Arthur 71, Caldwell, Coker 747, Coker 762, Coker 68-15, Doublecrop, Florida 302, Hunter, McNair 1003, McNair 1813, Magnum, Nelson, Pike, Pioneer 2550, Pioneer 2555, Saluda, Southern Belle, Traveler, Twain, and Tyler.

RECOMMENDED BROADCAST APPLICATIONS

Soil Texture	SENCOR 4 ⁽¹⁾ Pints/A	Remarks
Coarse (Sandy loam, loamy sand)	1/2	Apply specified dosage per acre as a broadcast postemergence spray. For wheat plants that are coming out of winter dormancy, allow at least two weeks for plants to recover before application. If wheat has been grazed during the winter, allow at least two weeks for recovery before application. Refer to the beginning of this cereals section for information on timing and growth stages for application.
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	3/4	
Fine (Silty clay, silty clay loam ⁽²⁾ , clay, clay loam)	3/4 - 1 ⁽³⁾	

- (1) Do not use on coarse soils containing less than 1% organic matter or on medium or fine textured soils containing less than 0.5% organic matter.
- (2) Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.
- (3) Use 1 pint/acre for control of weed species designated with an asterisk under "Weeds Controlled".

SENCOR in Combination with other Herbicides:

SENCOR 4 may be applied as directed above and may be tank mixed with 2,4-D, Banvel, Bronate or Bucril. Refer to the other registered product label for additional directions, rates, and weed species controlled.

Special Precautions

Temporary chlorosis may occur after application of SENCOR 4 to wheat, especially if frost occurs.

314-6979.YLD.

22/23
Base Pre-Reg. (6979)

U.S. LABEL

Date of Draft: 4/10/90 (Pre-Reg)(H)

Reason to Issue: To add claim for tank mix with Harmony Extra to low rate, early timing use on Winter wheat.

EPA Reg. No. 3125-314

SENCOR® 4
Flowable Herbicide

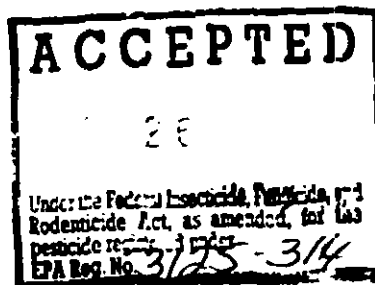
ACTIVE INGREDIENT:

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one 41%

INERT INGREDIENTS: 59%
100%

AMENDMENT TO CURRENTLY REGISTERED LABELING

REVISE TO READ AS FOLLOWS:



23/23

SENCOR 4 Flowable herbicide

WINTER WHEAT

FOR USE IN IDAHO, MONTANA, NEVADA, OREGON, UTAH, AND WASHINGTON ON THE VARIETIES CENTURK, CHEYENNE, DAW, FARO, GAINES, HATTON, HILL 81, HYSLOP, LUKE, McDERMID, MORO, NUGAINES, PAHA, PECK, SPRAGUE, STEPHENS, TYEE, WANSER, WESTON, AND WINALTA

SENCOR 4 flowable herbicide, in a tank mix combination with one of the herbicide products specified below, may be applied to wheat after the crop has reached the 2-leaf stage for control of the following broadleaf weeds:

Common chickweed	(<u>Stellaria media</u>)
Henbit	(<u>Lamium amplexicaule</u>)
Prickly lettuce	(<u>Lactuca serriola</u>)
Blue mustard	(<u>Chorispora tenella</u>)
Field pennycress	(<u>Thlaspi arvense</u>)
Tarweed fiddleneck	(<u>Amsinckia lycopsoides</u>)

RECOMMENDED APPLICATIONS

CROP	SENCOR 4 Fluid Ounces Per Acre	REMARKS
Winter Wheat	3 to 4 1/2	Use only in a tank mix combination for broadleaf weed control.* The specified dosage per acre may be added to other herbicides registered for use on wheat after the crop has reached the 2-leaf stage, but not during winter dormancy. See the appropriate sections of this label and the label for other herbicide products that are tank mixed with SENCOR 4 for directions, application rates, mixing procedures, special precautions and restrictions before using.

*May be used with: Bronate, Buctril, Banvel, 2,4-D, MCPA, Glean, Ally, Finesse, Harmony, or Harmony Extra.

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