

PM 25

3125-314

1/14

314-8724.YLD

U. S. LABEL

Base Pre-Reg (8724)

Reason To Issue: To revise claims for use on barley and wheat. 07/10/95 Draft: Revise in accordance with internal comments. 02/21/96 Draft: To make Application Section same as SENCOR DF label (except with respect to rates) and to move prickly lettuce to Weeds Suppressed table.

Date of Draft: 02/21/96(Pre-Reg) (D)  
Supersedes Pre-Reg Draft Dated: 07/10/95

**ACCEPTED**  
OCT - 2 1996  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-314

# Sencor<sup>®</sup> 4

## Flowable Herbicide

RECD EPA/PPD/ST  
4586  
10961

96 AUB  
P4:09

**ACTIVE INGREDIENT:**

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

**INERT INGREDIENTS:**

EPA Reg. No. 3125-314

### AMENDMENT To Currently Registered Labeling

#### REVISE TO READ AS FOLLOWS:

#### CEREALS

(Spring and Winter Barley and Winter Wheat)

SENCOR 4 herbicide is recommended for control or suppression of certain grasses and broadleaf weeds when applied postemergence to spring and winter barley or winter wheat. SENCOR 4 alone and several tank mixture treatments are recommended for use in the following states: AR, GA, ID, IL, IN, KS, KY, LA, MS, MO, MT, NV, OH, OK, OR, TN, TX, UT, WA.

**Mixing:** See the "General Information" section of this label for specific mixing procedures. When tank mixing, carefully follow the instructions on this label. Refer to the other product labels registered for use in barley and winter wheat for additional use directions, rates, weeds controlled and restrictions.

**Application:** SENCOR 4 may be applied by aerial or ground application equipment. Use a minimum spray volume of 2 gpa by air and 10 gpa by ground. Uniform spray coverage is necessary to obtain optimum weed control and to minimize potential for crop injury. Do not exceed rates specified on this label. Do not apply SENCOR 4 through any type of irrigation equipment. Apply SENCOR 4 when the crop is healthy and actively growing. SENCOR 4 may be applied more than once per crop season. Allow a minimum of 21 days between

applications if wheat is actively growing or allow 45 days between applications if wheat is growing in adverse conditions, has entered dormancy or is stressed due to frost damage, disease, drought or excessive moisture. Do not use on soils containing less than 0.75% organic matter. Do not apply more than a total of 16 fluid ounces SENCOR 4 (8 ounces active ingredient) per acre per year. On irrigated cereals, do not apply more than 0.5 inch of water for the first irrigation, the maximum amount for each additional irrigation should not exceed 1 inch. Allow a minimum of 14 days between the first irrigation and subsequent irrigations.

**Performance Factors:** Weed control may not be observed for 2 to 4 weeks under normal growth conditions and for 4 to 6 weeks under very dry conditions. Moisture (at least 1/2 inch) is required within 2 to 3 weeks after application to move SENCOR into the weed root zone. Lack of adequate moisture after application may result in poor or erratic weed control. Control or suppression of listed weeds is dependent on weed size at time of application. Control or suppression may be reduced if broadleaf weeds are taller than 1 inch or grasses have more than 2 leaves.

# Sencor 4

**SENCOR 4 Flowable Herbicide**

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**Tank Mixtures:** SENCOR 4 may be tank mixed with Ally, Amber, Finesse, Glean FC, Harmony Extra, 2,4-D, MCPA, Igran, Banvel/Banvel SGF, Bronate or Buctril herbicides. A nonionic surfactant containing at least 80% active ingredient may be used in SENCOR 4 tank mixes with sulfonyleurea herbicides (Ally, Amber, Finesse, Glean FC and Harmony Extra). Do not use a crop oil concentrate or any adjuvant containing vegetable or petroleum oils with any SENCOR 4 mix as crop injury may result. Additional pesticides may also be tank mixed with SENCOR 4 unless specifically prohibited on the mix products' label. In some instances, combinations with organophosphate insecticides may cause temporary leaf yellowing and/or crop injury, especially when widely fluctuating day/night temperatures occur near application. Always refer to the other product labels registered for use on cereals for additional directions, rates and weed species controlled. Observe all precautions and limitations on labeling of all products used in mixtures.

**Feeding Restrictions:** Do not graze wheat within 14 days of SENCOR 4 application or harvest grain within 21 days after last application. Do not graze or harvest barley before crop maturity. For tank mix combinations, follow the most restrictive label.

**Special Precautions:** Cereal Injury - Crop injury may occur if SENCOR 4 is applied:

1. When the crop is under stress such as winter kill, frost damage, disease, drought or excessive moisture, severe grazing, or when these conditions follow the application.
2. In combination with fluid fertilizer especially with the addition of surfactant.
3. Prior to the growth stage specified on this label.
4. To soils high in lime or sodium, a pH greater than 7.7, calcareous, gravelly, thinly covered or exposed subsoil areas.
5. To fields where cereal seeds have been planted less than 1 inch deep.
6. To a non-winter hardy wheat or barley variety.
7. To a sensitive wheat or barley variety as listed below.
8. To frozen soil or crop still in winter dormancy.

**Cereal Rotations Following Potatoes Treated with SENCOR 4:** If planting a sensitive cereal variety (listed under the wheat and barley variety tolerance portion of this label), following potatoes treated with SENCOR 4 or metribuzin containing products, refer to the potato section of the SENCOR 4 label for special cultural practices to follow.

**APPLICATION RECOMMENDATIONS**

SENCOR 4 alone or in a tank mix with labeled broadleaf herbicides may be applied by aerial or ground spray equipment as a broadcast postemergence spray.

RECOMMENDED POSTEMERGENCE BROADCAST APPLICATIONS OF SENCOR 4				
CROP GROWTH STAGE	SOIL TEXTURE	SENCOR 4 RATE (fl oz/A)		REMARKS
		% ORGANIC MATTER		
		0.75 TO 2.0	OVER 2.0	
2 Leaf To 2 Tiller	Coarse	1.5 to 3	1.5 to 4.5	Use these rates on crops with secondary roots smaller than 1 inch.  For dryland winter wheat (nonirrigated), apply the highest recommended rate to achieve maximum weed suppression/control.
	Medium	1.5 to 4.5	3 to 4.5	
	Fine	3 to 4.5	3 to 6	
3 Tiller To 4 Tiller	Coarse	4.5 to 6	6 to 7.5	Do not apply within 2 weeks after grazing or breaking of winter dormancy. Apply after the crop is at or beyond the 3 tiller growth stage but before jointing. Secondary roots should be developed and larger than 1 inch long. Do not apply before 75 days after planting.  For dryland winter wheat (nonirrigated), apply the highest recommended rate to achieve maximum weed suppression/control.
	Medium	6 to 7.5	7.5 to 9	
	Fine	7.5 to 9	7.5 to 9	
Over 4 Tillers	Coarse	6 to 9	7.5 to 12	GEORGIA ONLY: Wheat must be planted before November 15 in the Piedmont area and Northern part of the state, and before December 1 in the Coastal Plain area.
	Medium	6 to 12	7.5 to 12	
	Fine	7.5 to 12	12 to 16	

**WHEAT AND BARLEY VARIETAL TOLERANCE\***

Wheat and barley varieties vary in their tolerance to SENCOR 4. Varieties below are tolerant to and are recommended for use with SENCOR 4:

**Winter Wheat:** Abe, Arthur, AS 7846, AS 7853, Baker Seed 32, Barbie VI, Basin, Batum, Bayles, Becker, Bintee V, Buchshot DS 2368, Caldwell, Cardinal, Cashup, Centurk,

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Cherokee, Cheyenne, Clark, Coker 747, Coker 762, Coker 797, Coker 68-15, Coker 9134, Coker 9543, Coker 9904, Coker 9907, Daws, DB 533W, DB 562W, DB 580W, Doublecrop, Dusty, Dyna-gro 426, Dynasty, Excel, Faro, FFR 525W, Florida 302, FS 432, FS 433, FS 435, Gains, Garst 64, Georgia 100, Genie V, Hatton, Hawk, Hill 81, Howell, Hunter, Hyak, Hyslop, Katie VI, KY 16-2, Larned, Lewis 833, Lewjain, Lisa, Longhorn, Luke, Madsen, Magnum, Malcom, McDermid, McNair 1003, McNair 1813, Molly, Moro, Neely, Nelson, Newton, Norstar, Norwin, Nugaines, Oasis, Omega 78, Paha, Peck, Pike, PI 2157, PI 2180, PI 2510, PI 2545, PI 2548, PI 2550, PI 2552, PI 2555, PI 2566, PI 2571, PI 2580, PI 2684, Quantum 577, Redwin, Rocky, Saluda, Sawyer, SC 104, Siouxfand, Sprague, Southern Belle, Stacy, Stallion, Stephens, TAM W101, TAM 105, TE 877, TE 2548, TE SR204, Tiber, Tomahawk, Traveler, Tres, Tyee, Tyler, Veme, Victory, Wakefield, Wanser, Weston, Winalta, Wrangler.

**Barley:** Advance, Boyer, Clark, Compana, Hannchen, Hector, Hesk, Hudson, Lud, Luther, Kamiak, Klages, Olympic, Piroline, Steptoe and Triumph.

The following cereal varieties are sensitive to SENCOR 4 and are not recommended for use:

**Winter Wheat:** AT 90W, AT 91W, Arapaho, Baker Seed 33,

Century, Cimarron, Coker 833, Coker 916, Coker 983, Coker 9024, Coker 9105, Coker 9323, Choker 9474, Choker 9835, Choker 9766, Choker 9877, FAR 555, Florida 304, Freedom, FS 417, FS 423, FS 425, FS 430, Gore, Hickory, Julie III, KY-49-25, Linden, Mesa, Mustang, Pacer, PI XW 522, PI 2551, PI 2163, Princeton 733, PER W71, PER 226, PER 278, Rosen, Savannah, Sierra, TAM 107, TR 101, TR 1011, TR 8822, Triumph 64, Vona, Wings, Winridge, Yamhill.

**Spring/Durum Wheat:** Avoid use on Spring wheat and Durum wheat varieties.

**Barley:** Glenn, Morex, Moravian 3, Larker, Summit, Bracken, Anheuser Busch B2601 and varieties with Morex parentage.

**Varieties Not Listed:** To avoid possible crop injury on any variety not mentioned in this label, contact a Bayer representative or herbicide expert for a variety recommendation prior to treatment or treat a small strip of the unlisted variety with the recommended SENCOR 4 rate to ascertain crop tolerance before treating an entire field.

\* Abbreviated names of vendors: AS (Agseco), AT (Agratech), DB (Diener Bros.), FS (Growmark FS), PI (Pioneer), PER (Hybritech), SC (J.M. Schultz), TE (Terra), and TR (Terral).

**WEEDS CONTROLLED**

Used at recommended rates, SENCOR 4 will control many annual broadleaf weeds. Control is best when applied to young, actively growing weeds. Weeds controlled by SENCOR 4 include:

Bittercress	Evening Primrose, Cutleaf	Knotweed, Prostrate	Pigweed, spp.
Catchfly, Conical (Sand)	Falseflax, Smallseed	Lambsquarter, Common	Pineappleweed
Catchweed (Madwort)	Fiddleneck, Tarweed	Lettuce, Miners	Polemonium, Annual (Jacob's Ladder)
Chickweed, Common	Filaree, Redstem	Mustard, Blue	Radish, Wild
Chickweed, Mouseear	Geranium, Carolina	Mustard, Wild	Shepardspurse
Corncockle	Gromwell, spp.	Pennycress, Field	Speedwell, Ivyleaf
Dogfennel (Mayweed)	Henbit	Pepperweed, Virginia	Turnip, Wild

**WEEDS SUPPRESSED**

SENCOR 4 control of the following weeds varies from poor to excellent depending on time of application, stage of growth at application, temperatures and soil moisture conditions following treatment. For maximum effect on these weeds, apply the highest recommended rate at the earliest growth stage timing for each particular soil type and organic matter. Suppression is a reduction in weed size and growth as compared to a non-treated area in the same field.

BROADLEAVES		GRASSES			
Buckwheat, Wild*	Mustard, Tumble (Jim Hill)*	Barley, Hare (Wild)	Bluegrass, Bulbous	Cheat*	Whitlowgrass, Spring (Vernal)
Buttercup, spp.	Tanysmustard	Barley, Little	Brome, Downy*	Foxtail, spp*	Windgrass
Cowcockle	Thistle, Russian	Blackgrass	Brome, Japanese*	Oat, Wild*	
Kochia*	Vetch, Winter	Bluegrass, Annual	Brome, Rippgut*	Rescuegrass*	
Lettuce, Prickly					

\* Use the highest recommended SENCOR 4 rate for maximum weed suppression.



Sencor 4 F

314-8750.YLD

U.S. LABEL

Base Pre-Reg. (8750)

4/1996

Reason To Issue: To add additional tank mix partners to the post emergence corn section.

ACCEPTED (Pre-Reg) (D)
Supersedes Draft Dated: 07/21/94
OCT - 2 1996
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-314

Sencor® 4
Flowable Herbicide

For control of certain grasses and broadleaf weeds.

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 59%

REC'D EPA/OPP/DPD01
95 AUG 27 P4:07

EPA Reg. No. 3125-314

STOP - Read The Label Before Use
KEEP OUT OF THE REACH OF CHILDREN

AMENDMENT To Currently Registered Labeling
ADD THE FOLLOWING:

FIELD CORN

POSTEMERGENCE APPLICATION

SENCOR 4 is recommended for control of selected broadleaf weeds when applied as a tank mix combination with certain broadleaf herbicides presently registered and recommended for postemergence use in field corn. Herbicides which may be tank mixed with SENCOR 4 include:

- 2,4-D Clarity
Atrazine Laddok S-12
Banvel Marksman
Basagran Pursuit\*
Buctril/Buctril Gel Trough
Buctril+atrazine (Premix)

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

APPLICATION: SENCOR 4 may be applied to field corn after crop emergence until just prior to tasseling. Broadcast applications may be made with ground or aerial equipment. For optimum weed control, apply treatments when weeds are small and actively growing, but before reaching the maximum heights listed in the Weeds Controlled table.

POSTEMERGENCE BROADCAST APPLICATION

Ground Application: Adjust nozzle height

above crop and weed canopy to ensure uniform spray coverage. Gallonage should be increased with increasing weed size and population density.

For tank mixes of SENCOR 4 plus atrazine, Basagran, Laddok S-12, Buctril, Buctril+atrazine, Pursuit, Trough or 2,4-D amine formulations, use flat fan nozzles spaced a maximum of 20 inches apart. Best results are achieved using a minimum spray volume of 10 gallons per acre and spray pressure from 20 to 40 psi.

For SENCOR 4 tank mixes with Banvel, Clarity, Marksman, or 2,4-D low volatile ester formulations, use drift-reducing nozzles which are specifically designed to produce coarse sprays and reduce the amount of driftable fines. Additional measures which will help avoid potential drift to sensitive crops and plants include using a minimum spray volume of 20 gallons per acre and keeping spray pressures at or below 20 psi unless otherwise specified by the nozzle manufacturer.

For further precautions and additional instructions and recommendations, consult the tank mix partner's label.

Text being added is highlighted by redlining.

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**Aerial Application:** Apply in a minimum spray volume of 3 gallons per acre. For optimum spray coverage and distribution, use a minimum of 5 gallons per acre and a maximum pressure of 40 psi. Use a boom and nozzle configuration which will provide a uniform deposition pattern and coverage with low drift potential. Avoid overlaps to prevent potential crop injury. Do not apply near sensitive crops or sensitive plants growing near the treated area. Do not apply when wind speed is greater than 10 mph or when winds are moving toward sensitive crops or plants. To avoid drift hazards, applicator must follow the most restrictive labeling of the products used in a tank mix.

**POST DIRECTED APPLICATION**

SENCOR 4 in tank mix combinations with Banvel, 2,4-D, or Buctril may be applied post directed to field corn. Use drop nozzles and appropriate spacing to direct spray below the corn whorl and upper leaves. The top of the target weed canopy must be sufficiently below the whorl and upper leaves of the crop to permit this application and provide adequate spray coverage. The height differential required between the crop and weed canopy will depend on the specific equipment used. Apply before tassel emergence. For further precautions and additional recommendations, refer to the appropriate tank mix partner's label.

**ADJUVANTS**

The adjuvant types listed below may be utilized with certain SENCOR 4 tank mix combinations. Consult the tank mix recommendations section for the appropriate adjuvant and rate. Use of non-recommended adjuvants or rates may result in severe leaf burn, crop stunting, and/or stand reduction. Use only adjuvants which are exempt from tolerance requirements under 40 CFR 180.1001.

UAN (urea ammonium nitrate) is commonly referred to as 28, 30, or 32% N.

Ammonium sulfate (spray grade) may be used as an alternative to UAN with certain tank mix combinations.

Non-ionic surfactants should contain at least 80% active ingredient.

**DO NOT USE** crop oil concentrate (COC) or any adjuvant containing vegetable or petroleum oils with any SENCOR 4 tank mixtures as severe leaf burn, crop stunting, and/or stand reduction may occur.

**RAINFASTNESS**

SENCOR 4 will not reduce rainfastness of the recommended tank mix partners. Refer to the individual product labels for rainfastness recommendations.

**SPRAYER CLEANUP**

Refer to each tank mix partner's label and the Sprayer Cleanup section of the SENCOR 4 label for specific instructions on cleaning spray equipment. Special attention should be given to the required cleanup procedures for 2,4-D, Banvel, Clarity, and Marksman.

**SPECIAL PRECAUTIONS**

1. Do not use on corn grown for seed, sweet corn, popcorn, or white corn.
2. Do not apply more than 0.25 pounds a.i. metribuzin (8 fl oz SENCOR 4) per acre per use season.
3. Do not apply when field corn is under stress (see Stress statement below).
4. Do not use aerial applications if sensitive crops or plants are growing in the vicinity of the area to be treated.
5. Do not allow spray drift onto sensitive crops or plants.
6. Do not use on sand, loamy sand or sandy loam soils that have less than 0.5% organic matter.
7. Do not use on sand or loamy sand soils in Washington, Oregon or Idaho or crop injury may occur.
8. Observe all precautions and limitations on labeling of all products used in the tank mixtures.

Stress is any condition or combination of conditions which impairs normal crop growth. Weather, disease, insect damage, fertility or other factors may cause stress. Applications made before or after the corn is under stress from these factors or from periods of prolonged cool, wet and cloudy weather or widely fluctuating day and nighttime temperatures, may result in temporary leaf burn, yellowing and/or stunting of the crop. Recovery from damage is generally rapid with no lasting effects on new growth. Under extreme stress, stand reductions may occur.

**Feeding Restrictions:** Field corn treated with SENCOR 4 may be grazed or harvested for silage or grain 60 days after treatment. Follow the most restrictive preharvest interval on the labels of the products used in the tank mixtures.

**TANK MIX COMBINATIONS**

The SENCOR 4 tank mixtures listed below can be utilized for control of certain annual broadleaf weeds.

SENCOR 4 Flowable Herbicide

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SENCOR 4 POSTEMERGENCE BROADCAST RECOMMENDATIONS

PRODUCT	RATE	DIRECTIONS AND REMARKS*
SENCOR 4 + 2,4-D Amine or 2,4-D LVE	3 fl oz/A + 1/2 to 1 pt/A <sup>†</sup> or 1/3 to 1/2 pt/A <sup>†</sup>	Apply as a broadcast spray during the interval from corn emergence until corn is 8 inches tall. Apply only to varieties known to be tolerant to 2,4-D. <b>DO NOT USE ADJUVANTS.</b> 2,4-D may cause injury to nearby sensitive crops. 2,4-D applications may result in brittle corn stalks, and winds or cultivation may cause stalk breakage. To reduce damage, delay cultivation 8 to 10 days after application.
SENCOR 4 + Atrazine	3 fl oz/A + 1/2 to 1-1/2 lb ai/A	Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. A non-ionic surfactant (1 qt/100 gal of spray solution) may be added to improve weed control. Atrazine is a restricted use herbicide. Follow all state and federal label recommendations and restrictions pertaining to atrazine applications.
SENCOR 4 + Banvel or Clarity	3 fl oz/A + 1/2 to 1 pt/A or 1/2 to 1 pt/A	Apply as a broadcast spray during the interval from corn emergence through the five leaf stage or when corn is 8 inches tall, whichever occurs first. For Banvel applications to corn greater than 8 inches in height, consult the Banvel label for use rates and restrictions. If growing conditions are dry and plants are stressed, addition of a non-ionic surfactant (1 qt/100 gal of spray solution) may improve weed control. For corn grown on coarse textured soils, apply Banvel or Clarity at 0.5 pt/A, regardless of application method. Application may cause injury to nearby sensitive crops or plants. Application may result in temporary leaning of corn plants. Delay cultivation until plants return to normal growth patterns to avoid stalk breakage.
SENCOR 4 + Basagran	3 fl oz/A + 1 pt/A	Apply as a broadcast spray after corn emergence but before corn exceeds 30 inches in height and the crop canopy closes the row. Adjuvants such as UAN (0.5 to 1 gal/A), ammonium sulfate (17 lbs/100 gal of spray solution), or non-ionic surfactant (1 qt/100 gal of spray solution) may improve weed control.
SENCOR 4 + Buctril or Buctril Gel	2.4 to 3 fl oz/A + 1 pt/A or 1/2 pt/A	Apply as a broadcast spray when corn is in the fourth true leaf stage or later but before the crop canopy closes the row. <b>DO NOT USE ADJUVANTS.</b> Occasional temporary corn leaf burn may occur and is similar to that observed from liquid fertilizers. Recovery is generally rapid with no lasting effect. To reduce potential for crop damage, application should be made to dry corn foliage when weather conditions are not extreme.
<del>SENCOR 4 + Buctril + atrazine (Premix)</del>	<del>2.4 to 3 fl oz/A + 1-1/2 to 2 pt/A</del>	<del>Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. <b>DO NOT USE ADJUVANTS.</b> Occasional temporary corn leaf burn may occur and is similar to that observed from liquid fertilizers. Recovery is generally rapid with no lasting effect. To reduce potential for crop damage, application should be made to dry corn foliage when weather conditions are not extreme.</del>
SENCOR 4 + Laddok <del>SE12</del>	3 fl oz/A + <del>1.33 to 1.66</del> pt/A	Apply as a broadcast spray after corn emergence until the corn is 12 inches tall. Adjuvants such as UAN (0.5 to 1 gal/A) may improve weed control. Laddok <del>SE12</del> contains atrazine, and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.
SENCOR 4 + Marksman	3 fl oz/A + 1-1/2 to 2 pt/A	Apply as a broadcast spray during the interval from corn emergence through the five-leaf stage or when corn is 8 inches tall, whichever occurs first. <b>DO NOT USE ADJUVANTS.</b> Application may cause injury to nearby sensitive crops or plants. Application may result in temporary leaning of corn plants. Delay cultivation until plants return to normal growth patterns to avoid stalk breakage. Marksman contains atrazine, and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.
SENCOR 4 + Pursuit	3 fl oz/A + 2 to 4 oz/A	Use only on designated IMI-Corn hybrids (hybrids which are resistant/ tolerant to Pursuit. Apply the 4.0 ounce rate of Pursuit if grasses are present or broadleaf weeds are near the maximum heights shown. Apply in combination with a non-ionic surfactant (1 qt/100 gal of spray solution) and UAN (1 to 2 qt/A).
<del>SENCOR 4 + Tough</del>	<del>3 fl oz/A + 1 to 2 pt/A</del>	<del>Apply as a broadcast spray after corn emergence but before corn height exceeds 30 inches and the crop canopy closes the row. A non-ionic surfactant (1 qt/100 gal of spray solution) may be added to improve weed control. Use the higher rates of Tough as weeds approach the maximum height listed or are found in high density. Tough may improve control on triazine/ALS resistant weeds.</del>

\* Consult the appropriate tank mix partner's label for additional recommendations or restrictions. The most restrictive labeling applies to tank mixes with SENCOR 4.

<sup>†</sup> Application rate is based on, but not restricted to, 4 pounds active ingredient per gallon of 2,4-D.

**BEST AVAILABLE COPY**

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**SENCOR 4 Flowable Herbicide**

<b>SENCOR 4 POST DIRECTED RECOMMENDATIONS</b>		
PRODUCT	RATE	DIRECTIONS AND REMARKS*
SENCOR 4 + 2,4-D Amine or 2,4-D LVE	3 to 4.5 fl oz/A + 3/4 to 1-1/2 pt/A <sup>†</sup> or 1/2 to 3/4 pt/A <sup>†</sup>	For corn greater than 8-inches tall, apply as a directed spray with drop nozzles before tassel emergence. Apply only to varieties known to be tolerant to 2,4-D. <b>DO NOT USE ADJUVANTS.</b> 2,4-D may cause injury to nearby sensitive crops. 2,4-D applications may result in brittle corn stalks, and winds or cultivation may cause stalk breakage. To reduce damage, delay cultivation 8 to 10 days after application.
SENCOR 4 + Banvel	3 to 4.5 fl oz/A + 1/2 pt/A	For corn 8 to 36 inches tall, apply as a directed spray with drop nozzles. Application may be made up to 15 days prior to corn tasseling. If growing conditions are dry and plants are stressed, addition of a non-ionic surfactant (1 qt/100 gal of spray solution) may improve weed control. For corn grown on coarse textured soils, apply Banvel at 0.5 pt/acre, regardless of application method. Application may cause injury to nearby sensitive crops or plants. Application may result in temporary leaning of corn plants. Delay cultivation until plants return to normal growth patterns to avoid stalk breakage.
SENCOR 4 + Buctril or Buctril Gel	3 to 4.5 fl oz/A + 1 to 1-1/2 pt/A or 1/2 to 3/4 pt/A	Apply as a directed spray with drop nozzles before tassel emergence. <b>DO NOT USE ADJUVANTS.</b> Occasional temporary corn leaf burn may occur and is similar to that observed from liquid fertilizers. Recovery is generally rapid with no lasting effect. To reduce potential for crop damage, application should be made to dry corn foliage when weather conditions are not extreme.
<p>* Consult the appropriate tank mix partner's label for additional recommendations or restrictions. The most restrictive labeling applies to tank mixes with SENCOR 4.</p> <p>† Application rate is based on, but not restricted to, 4 pounds active ingredient per gallon of 2,4-D.</p>		

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SENCOR 4 Flowable Herbicide

WEEDS CONTROLLED

These tank mixtures with SENCOR 4 will control the following annual weeds up to the maximum weed heights listed:

COMMON WEED NAME	SENCOR 4 +									
	Atrazine	Banvel/ Clarity	Basagran	Buctril/ Buctril + atrazine	2,4-D	Marksman	Pursuit	Laddok	S-12	Tough
	MAXIMUM WEED HEIGHT IN INCHES*									
Amaranth, Palmer	4 <sup>a</sup>	4	2 <sup>a</sup>	4 <sup>a</sup>	4	4	8 <sup>b</sup>	6	4 <sup>b</sup>	
Buckwheat, wild	3	3	3	3	2	3	2	3		
Buffalobur	4	4		4		4	1			
Burcucumber		4		4	2	4			4 <sup>b</sup>	
Carpetweed	2	2	2	2	2	2		2	4 <sup>b</sup>	
Cocklebur, common	8	8	8	8	8	8	8 <sup>b</sup>	8	4 <sup>b</sup>	
Eclipta	3	3	3	3	3	3		3	4 <sup>b</sup>	
Henbit	3	3	2	2	2	4	3	3	4 <sup>b</sup>	
Horseweed/marestail	3	4	1	1	3	6		2		
Jimsonweed	5	5	6	5	5	5	5	6	4 <sup>b</sup>	
Knotweed	6	6	6	4	2	6	4	6	4 <sup>b</sup>	
Kochia	2 <sup>a</sup>	2	1 <sup>a</sup>	2 <sup>a</sup>	2 <sup>a</sup>	2	2	2 <sup>a</sup>	4 <sup>b</sup>	
Ladysthumb	6	6	6	6	4	6	4	6	6 <sup>b</sup>	
Lambsquarters, common	6 <sup>a</sup>	6	1	6	6	6	4	5	4 <sup>b</sup>	
Lettuce, prickly	4	4		3	4	5		3		
Mallow, Venice	2	2	2	2	2	2	2	4		
Morningglory, entire leaf	3	3	1	3	3	3	2	2		
Morningglory, ivyleaf	3	3	1	3	3	3	2	2		
Morningglory, pitted	3	3	1	3	3	3	2	2		
Morningglory, tall	3	3	1	3	3	3	2	2		
Mustard, tansy	4	4	4	4	4	4	4	4		
Mustard, wild	4	4	4	4	4	4	4	4	4 <sup>b</sup>	
Nightshade, black	6	6		6	1	6	3	1	4 <sup>b</sup>	
Nightshade, eastern black	6	6		6	1	6	3	1	4 <sup>b</sup>	
Pigweed, redroot	6 <sup>a</sup>	6	2 <sup>a</sup>	6 <sup>a</sup>	6	6	8 <sup>b</sup>	6 <sup>a</sup>	4 <sup>b</sup>	
Pigweed, smooth	6 <sup>a</sup>	6	2 <sup>a</sup>	6 <sup>a</sup>	6	6	8 <sup>b</sup>	6 <sup>a</sup>	4 <sup>b</sup>	
Poorjoe	3	3	3	3	3	3	3	3		
Purslane, common	1	3				4	1		4 <sup>b</sup>	
Pusley, Florida	3	3	3	3	3	3		3		
Ragweed, common	5	5	3	5	5	6	3	4		
Ragweed, giant	4	5	2	4	3	6	4	4		
Sicklepod	3	3	3	3	3	3	3	3	4 <sup>b</sup>	
Sida, prickly	1	1	3	1	1	2	1	2	4 <sup>b</sup>	
Smartweed, Pennsylvania	6	6	6	6	4	6	4	6		
Sunflower, common	6	6	6	6	6	6	5	6	5 <sup>b</sup>	
Thistle, Russian	1	3		3	1	3	1	1	4 <sup>b</sup>	
Velvetleaf	6 <sup>a</sup>	6	6	6	4	6	5	6		
Waterhemp, spp.	5 <sup>a</sup>	5	2 <sup>a</sup>	5 <sup>a</sup>	5	5	4 <sup>b</sup>	2 <sup>a</sup>	5 <sup>b</sup>	

\* When weeds are approaching the maximum height listed or found in high densities, use the higher rate of SENCOR 4 and the selected tank mix partners.

<sup>a</sup> These treatments will not control triazine resistant biotypes.

<sup>b</sup> These treatments will not control ALS resistant biotypes.



9/14

**SENCOR 4 Flowable Herbicide**

**PERENNIAL WEED SUPPRESSION**

The following SENCOR 4 tank mixtures will provide top growth burndown and in season suppression of the following perennial weeds; however, regrowth may occur. For the best performance on these weeds, use the maximum rates of

SENCOR 4, Banvel, Buctril, ~~Buctril + atrazine~~, Clarity, Marksman, 2,4-D LVE or Pursuit recommended for these tank mixtures.

COMMON WEED NAME	SENCOR 4 +				
	Banvel / Clarity	Buctril/ <del>Buctril + atrazine</del>	2,4-D LVE	Marksman	Pursuit
Bindweed, field	X		X	X	
Dandelion, common	X		X	X	
Dock, curly	X		X	X	
Smartweed, swamp	X		X	X	
Thistle, Canada	X	X	X	X	X

10/14

Reason to Issue: Labeling revisions to the potato directions for use section. Draft Dated 02/27/96: To incorporate comments from the field..

Date of Draft: 02/27/96 (D) Supercedes Pre-Reg Draft Dated: 01/09/96

# Sencor<sup>®</sup> 4

## Flowable Herbicide

REC'D EPA/OP/PPD/1  
96 JUN 10 10 31

For Control of Certain Grasses and Broadleaf Weeds.

**ACTIVE INGREDIENT:**

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one .....	41%
<b>INERT INGREDIENTS:</b> .....	59%
	100%

Contains 4 lb of 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one per gallon.

EPA Reg. No. 3125-314  
EPA Est. 3125-MO-1

NET CONTENTS: \_\_\_ GALLONS

**STOP - Read The Label Before Use  
KEEP OUT OF REACH OF CHILDREN**

# Sencor 4

**ACCEPTED**

OCT - 2 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-314

### CAUTION

**AMENDMENT TO CURRENTLY REGISTERED LABELING  
REVISE TO READ AS FOLLOWS:**

### POTATOES

SENCOR 4 herbicide is recommended for use in ground, aircraft or specified chemigation equipment as a preemergence and/or postemergence application to potatoes. Early maturing smooth skinned white and all red skinned varieties may be injured with postemergence applications. The varieties Atlantic, Bellchip, Centennial, Chipbelle and Shepody are sensitive to SENCOR 4. Avoid postemergence applications on these varieties. Preemergence applications on these varieties may cause crop injury under adverse weather conditions, on coarse soils, under high soil pH, with higher rates per acre and with mechanical incorporation.

**Ground Application:** SENCOR 4 is recommended for use with ground spray equipment applied as a preemergence and/or postemergence application for control of the

listed grass and broadleaf weeds in potatoes. Apply as a uniform broadcast spray at 20 or more gallons per acre.

**Aerial Application:** SENCOR 4 may be applied in aerial spray equipment as a preemergence and/or postemergence application at 5 or more gallons per acre.

**Chemigation:** SENCOR 4 may be applied preemergence and/or early postemergence to potatoes using center pivot, solid set and lateral roll systems. Apply specified dosage in 1/4 to 3/4 inch of water per acre (1/4 to 1/2 inch on sandy soil) as a continuous injection in self-propelled systems or apply in the last 15 to 30 minutes of the set in other systems. Be sure all the SENCOR 4 has been flushed from the lines before shutting down the system.

11/14

### SENCOR 4 Flowable Herbicide

WEEDS CONTROLLED				
SENCOR 4 applied to potatoes according to directions, will provide economic control of the following weeds. For optimum control, applications should be made before weeds are 1 inch tall. (See NOTE)				
BROADLEAVES			GRASSES	
Carpetweed, common <sup>1</sup>	Mustard, tumble <sup>1</sup>	Sicklepod <sup>1</sup>	Barnyardgrass <sup>2</sup>	Foxtail, yellow <sup>1</sup>
Cocklebur, common <sup>1,2</sup>	Mustard, wild <sup>1</sup>	Smartweed,	Crabgrass, large <sup>1</sup>	Johnsongrass, seedling <sup>1</sup>
Jimsonweed <sup>1</sup>	Pennycress, field <sup>1,2</sup>	Pennsylvania <sup>1,2</sup>	Crabgrass, smooth <sup>1</sup>	Panicum, fall <sup>1</sup>
Kochia <sup>3</sup>	Pigweed, redroot <sup>1,2</sup>	Sunflower, common <sup>2</sup>	Foxtail, giant <sup>1</sup>	Signalgrass, broadleaf <sup>1</sup>
Lambsquarters, common <sup>1,2</sup>	Pigweed, smooth <sup>1,2</sup>	Thistle, Russian <sup>2</sup>	Foxtail, green <sup>1</sup>	
Mustard, Indian <sup>1</sup>	Ragweed, common <sup>1,2</sup>			
Mustard, tansy <sup>1</sup>	Shepherdspurse <sup>1</sup>			

<sup>1</sup> Weeds controlled with preemergence applications.  
<sup>2</sup> Weeds controlled with postemergence applications.  
<sup>3</sup> Weeds requiring two applications for control.

HARD TO CONTROL WEEDS			
Although SENCOR 4 may not provide commercially acceptable control in every instance, it will suppress growth of the following weeds and reduce their competition with potato plants.			
BROADLEAVES		GRASSES	
Kochia	Purslane, common	Barnyardgrass	Nutsedge, yellow
Nightshade, hairy	Sunflower, common		

**NOTE:** Where triazine-resistant weeds are present, SENCOR 4 alone may not provide adequate control.

RECOMMENDED BROADCAST APPLICATIONS		
CROP	SENCOR 4 PINTS PER ACRE	REMARKS
Potatoes	1/2 to 2	<b>PREEMERGENCE:</b> Apply specified dosage as a broadcast spray. Do not mechanically incorporate into soil. Use the 1/2 to 1 pint/acre rate for control of wild mustard ( <i>Brassica</i> sp.) only. On sand soils or sensitive varieties, do not exceed 1 pint/acre.
Potatoes (Except early maturing smooth skinned, red skinned, and other specified varieties.)	1/2 to 1	<p><b>POSTEMERGENCE:</b> Apply specified dosage as a broadcast spray over the tops of potato plants.* Use rates of 1/2 to 1 pint/acre for control of redroot pigweed and common lambsquarters only. Apply the 1 pint/acre rate for control of other weeds listed on this label.</p> <p><b>SPLIT APPLICATIONS:</b> This product may be applied once preemergence and once postemergence as directed above.* Do not exceed 2 pint total per acre per season.</p> <p><b>IDAHO, OREGON AND WASHINGTON ONLY:</b> Two postemergence applications can be made as broadcast sprays over the tops of potato plants if SENCOR 4 is not applied preemergence. Use 1/2 to 1 pint/acre for control of redroot pigweed and lambsquarters only. On coarse (sandy) soils with low organic matter do not exceed 3/4 pint/acre per application. On medium and heavy soils only, use 1 pint/acre per application for control of other weeds listed on this label and for suppression of hairy nightshade. Make the first application early in the season while weeds are still small. Allow at least 14 days before the second application. Do not apply after June 30 if treated land is to be planted to crops other than potatoes.</p>

\* Refer to Special Precautions - Potatoes below.

**TANK MIXES:** (Except California) SENCOR 4 may be tankmixed with the following herbicides: Dual/Dual II, Eptam, Prowl 3.3 EC and Matrix. In addition, three-way tankmix combinations may be used for SENCOR 4 plus Dual/Dual II

Eptam or Prowl 3.3 EC plus Matrix when applied preemergence. Refer to each product's label for precautionary statements, restrictions, application information and weeds controlled.

12/14

**SENCOR 4 Flowable Herbicide**

**Dual/Dual II:** SENCOR 4 may be applied in a tankmix combination with Dual/Dual II as a preemergence broadcast application. Apply SENCOR 4 at 3/4 to 2 pints per acre and Dual/Dual II at 1.5 to 3 pints per acre according to the respective labels for use of each product alone on potatoes.

**Eptam:** SENCOR 4 may be tankmixed with Eptam at rates and uses permitted on each product's label.

**Prowl 3.3 EC:** SENCOR 4 may be applied in tankmix combination with Prowl as a preemergence or early postemergence broadcast application. As a preemergence mix, apply SENCOR 4 at 1 to 2 pints per acre and Prowl at 1.2 to 3.6 pints per acre. As an early postemergence spray, apply SENCOR 4 at 1/2 to 1 pint per acre and Prowl at 1.2 to 3.6 pints per acre before the crop is in the 6-inch growth stage.

**Matrix** (except California and the following counties in Colorado: Almosa, Conejos, Costilla, Rio Grande and Saguache): SENCOR 4 may be applied in tankmix combination with Matrix as a preemergence and/or early postemergence application for improved control on weeds such as Russian thistle, kochia and common lambsquarters. As a preemergence mix, apply SENCOR 4 at 1/2 to 1.125 pints per acre and Matrix at 1 to 1-1/2 oz. product per acre. As an early postemergence spray, apply SENCOR 4 at 1/2 to 1 pint per acre and Matrix at 1 to 1-1/2 oz. product per acre. Use a nonionic surfactant at a rate of 0.125% v/v (1 pt./100 gallon of water). Apply before the crop exceeds 14 inches in height. Postemergence applications of Matrix treatments should be made prior to June 30.

**SPECIAL PRECAUTIONS (Potatoes):**

Do not use SENCOR 4 on potatoes in Kern County, California.

Do not apply more than a total of 2 pints SENCOR 4 per acre in a single crop season regardless of the method of application.

Do not make postemergence applications prior to rainfall or irrigation on recently cultivated potatoes, nor within 3 days after periods of cool, wet cloudy weather or injury may occur.

Postemergence applications may cause some chlorosis or minor necrosis. These symptoms may be more severe if seed-piece decay is occurring or if growing conditions favor crop stress.

Postemergence applications may be made only on russet or white skinned varieties that are not early maturing.

Potato varieties may vary in their response to herbicide application. When using SENCOR 4 on the first time on a particular variety, always determine crop tolerance before using on a field scale.

Do not apply SENCOR 4 within 60 days of harvest.

Do not use air blast sprayers.

Do not apply to sweet potatoes or yams.

Do not plant sensitive crops such as onions, lettuce, cole crops and cucurbits during the next growing season following SENCOR 4 application.

Certain cereal varieties are sensitive to SENCOR 4 (see cereal section of this label for sensitive varieties) and should not be planted during the next growing season unless the following cultural practices occur:

1. Potato vines left in rows as a result of harvest must be uniformly distributed over the soil surface prior to plowing and,
2. Plow with a moldboard plow to a depth sufficient to mix the upper 8 inches of soil.

**BEST AVAILABLE COPY**

13/14

314-8756.YLD

Base Pre-Reg (8756)

U. S. LABEL

Reason to Issue: To revise claims for use on tomatoes.  
08/17/94 Draft: Revise in line with internal comments.  
03/26/96 Draft: To add remark in Preplant Incorporated  
Transplant Section about preventing injury to transplants.

Date of Draft: 03/26/96 (Pre-Reg) (D)  
Supersedes Pre-Reg Drafts Dated:  
08/17/94 and 05/26/94

**ACCEPTED**  
OCT - 2 1996  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
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%

EPA Reg. No. 3125-314

### AMENDMENT To Previously Registered Labeling REVISE TO READ AS FOLLOWS:

#### TOMATOES

Apply SENCOR herbicide with ground equipment to seeded and transplanted tomatoes as specified below under "Recommended Applications".

Do not use air blast or other high pressure spray equipment to make postemergence applications of SENCOR 4. Refer to the appropriate section of this label for additional information regarding spray equipment, dilution rates, mixing, spray cleanup, restrictions, container disposal and cautions.

For effective control of grasses and broadleaf weeds with postemergence applications, apply SENCOR 4 before weeds are 1-inch tall. Thorough spray coverage on weed foliage is essential for adequate control with postemergence applications.

For specific application information see the "General Information" section in the front of this label.

# Sencor 4

REC'D EPA/DOH  
AUG 27 1996

WEEDS CONTROLLED	
<p align="center"><b>PREPLANT INCORPORATED APPLICATIONS — TRANSPLANT TOMATOES ONLY</b></p> <p align="center">Broadcast Sprays - 1/2 to 1 Pt SENCOR 4/Acre</p>	
<p><u>Broadleaves</u></p> <p>Galinsoga (<i>Galinsoga</i> spp.) *Pigweed, Redroot (<i>Amaranthus retroflexus</i>) Lambsquarters (<i>Chenopodium album</i>) *Purslane, Common (<i>Portulaca oleracea</i>)</p>	<p><u>Grasses</u></p> <p>*Goosegrass (<i>Eleusine indica</i>)</p>
<p>Preplant incorporated applications applied as directed will suppress foxtails, panicums and barnyardgrass. SENCOR/Trifluralin Tank Mix: This tank mix combination applied preplant incorporated as directed on this label will control the weeds listed above plus those weeds listed on the Trifluralin label.</p>	
<p align="center"><b>POSTEMERGENCE APPLICATIONS — ESTABLISHED TOMATOES</b></p> <p align="center">For effective control of weeds with postemergence applications, apply SENCOR 4 before weeds are 1-inch tall.</p>	
Broadcast Sprays - 1/2 to 1 Pt SENCOR 4/Acre	Directed Sprays 1 to 2 Pt SENCOR 4/Acre
<p><u>Broadleaves</u></p> <p>Carpeweed (<i>Mollugo verticillata</i>) Pigweeds (<i>Amaranthus</i> spp.) Fumitory (<i>Fumaria officinalis</i>) Purslane (<i>Portulaca oleracea</i>) Galinsoga (<i>Galinsoga</i> spp) *Ragweed, Common (<i>Ambrosia artemisiifolia</i>) *Jimsonweed (<i>Datura stramonium</i>) *Smartweed, Pennsylvania *Ladysthumb (<i>Polygonum persicaria</i>) (<i>Polygonum pensylvanicum</i>) Lambsquarters (<i>Chenopodium album</i>) Tcadflax (<i>Linaria</i> spp.) Mustard, Wild (<i>Brassica kaber</i>) *Velvetleaf (<i>Abutilon theophrasti</i>)</p>	<p><u>Grasses</u></p> <p>*Foxtail, Yellow (<i>Setaria glauca</i>) Goosegrass (<i>Eleusine indica</i>)</p>
<p>* For optimum control of these weeds, use the highest rate recommended on the label for the type of application to be made. Repeat postemergence applications may be needed for best control. Postemergence applications as directed on this label will suppress barnyardgrass and crabgrass when these weeds are less than 1-inch tall.</p>	

14/14

**SENCOR 4 Flowable Herbicide**

RECOMMENDED BROADCAST APPLICATIONS		
CROP	SENCOR 4 *Pt/Acre	REMARKS
Tomatoes	1/2 to 1	<b>PREPLANT INCORPORATED — TRANSPLANT TOMATOES ONLY:</b> Apply specified dosage in 10 or more gallons of water per acre as a broadcast spray to the soil surface immediately before transplanting. Incorporate to a depth of 2 to 4 inches with equipment capable of uniformly mixing the chemical into the soil. This application may be made alone or in a tank mix combination with trifluralin e.c. <u>When transplanting tomatoes, place the root system of the plants below the herbicide incorporation zone or injury may occur.</u> Refer to the trifluralin label for specific rate of application and for additional precautions and restrictions for tomatoes.
	1/2 to 1	<b>POSTEMERGENCE BROADCAST SPRAY — ESTABLISHED TOMATOES:</b> Apply specified dosage in 20 or more gallons of water per acre as a broadcast spray, or apply in 1/4 to 3/4 inch of water (use 1/4 to 1/2 inch of water on sandy soils) per acre as a continuous injection in center pivot and lateral move systems or apply in the last 15 to 30 minutes of set in permanent solid set sprinkler systems. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. Do not tank mix with other pesticides. (See "Special Precautions" below.)
	1 to 2	<b>POSTEMERGENCE DIRECTED SPRAY — ESTABLISHED TOMATOES:</b> Apply specified dosage in 20 or more gallons of water per acre as a directed spray. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. Avoid contacting tomato foliage with spray. This method of treatment is recommended for use in fields with a history of severe weed pressure or in fields infested with hard-to-control weeds. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.) When banding see the appropriate section in the front of this label.
* Use the higher rate in fields with a history of severe weed pressure and for maximum residual weed control.		

**SPECIAL PRECAUTIONS (Tomatoes):** Do not apply more than a total of 2 pt SENCOR 4 per crop season.

Do not apply the total amount of 2 pt SENCOR 4 within a time span of less than 35 days, except in the case of directed sprays.

Allow at least 14 days between applications, regardless of dosage or method of application or severe crop injury may occur.

Do not apply within 7 days of harvest.

Do not apply within 3 days after periods of cool, wet or cloudy weather, or crop injury will occur.

Do not use hot caps on tomatoes within 7 days before or at any time after application of SENCOR 4. Do not treat seeded tomatoes until plants have reached the 5 to 6 leaf stage or severe crop injury may occur.

Crop injury or delayed maturity may result from broadcast or directed spray applications if tomatoes are growing under stress conditions such as periods of drought or cool, wet and cloudy weather preceding application.

For newly introduced tomato varieties with unknown tolerance to SENCOR, treat only a small area to determine if SENCOR 4 can be used without injury to the crop.

**DO NOT USE SENCOR 4 ON TOMATOES IN KERN COUNTY, CALIFORNIA.**

**BEST AVAILABLE COPY**