

## U.S. LABEL

Reason to Issue: Revise instructions

Date of Draft: 12/10/91 (Pre-Reg)(H)

for use on alfalfa and sainfoin:

Supersedes Pre-Reg. Draft Dated: 8/23/91

- (1) Show tank mix with Gramoxone Extra instead of Gramoxone Super;
  - (2) Change reference to Ortho X-77 Spreader to "a non-ionic spreader";
  - (3) Clarify rate recommended for loamy sand soils;
  - (4) Add precaution against excessive irrigation immediately after application;
  - (5) Delete special low rate recommendation for Idaho, Oregon, and Washington
- 8/23/91 Draft: Revise according to internal comments.  
12/10/91 Draft: To correct application rates of Gramoxone Extra.

EPA Reg. No. 3125-314

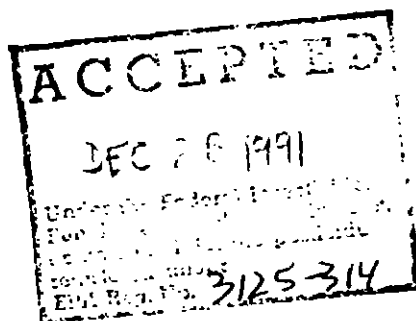
SENCOR® 4  
Flowable Herbicide

## 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

SENCOR herbicide is recommended for use on alfalfa and sainfoin in the following areas:

1. Alfalfa and sainfoin (Including mixed stands with grasses) (all areas except California)
2. Alfalfa and sainfoin (Including mixed stands with grasses) (California only)
3. Alfalfa - Tank Mix Combination with Gramoxone (Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming and the following California counties: Del Norte, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, and Siskiyou).
4. Alfalfa - Post Dormant Application of SENCOR Impregnated on Dry Fertilizer Only.

SENCOR 4 is recommended for use in aerial or ground spray equipment as a broadcast surface application to established crops of alfalfa and sainfoin for the control of certain grass and broadleaf weeds.

APPLICATION: Refer to "General Information" in the front of this label for detailed information on the application of SENCOR 4. For information on applying SENCOR 4 in fluid or on dry fertilizer refer to the "Application Of SENCOR 4 In Fluid Fertilizers" or "Commercial Impregnation And Application Of SENCOR 4 On Dry Bulk Fertilizer" under the "General Information" section in the front of this label.

SPECIAL PRECAUTIONS:

Use SENCOR 4 only on established alfalfa and sainfoin. Do not apply SENCOR 4 after growth begins in the spring or before growth ceases in the fall, except as specified on this label.

Do not graze or harvest within 28 days after application.

For best weed control, apply SENCOR 4 when weeds are less than 2 inches tall or before weed foliage is 2 inches in diameter.

Reduced weed control may occur when extended dry conditions follow application of SENCOR 4.

Crop injury may occur when:

1. Crop is under stress conditions such as diseases, insect infestations, poorly drained soils, drought or winter injury at time of application;
2. Crop is treated within 12 months after seeding.
3. There is excessive irrigation or rainfall immediately after application. Do not apply more than 1/2 inch of water in the first irrigation after SENCOR 4 is applied.

ALFALFA and SAINFOIN  
(All Areas Except California)

RECOMMENDED BROADCAST APPLICATIONS

CROP	SENCOR 4 Pints/Acre	REMARKS
Alfalfa and Sainfoin (Except California)	1/2 to 2	Select the proper dosage according to weeds known to be present in field to be treated. On loamy sand soils in Oregon and Washington, do not apply more than 1 pint of SENCOR 4 per acre.

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.

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)

ALFALFA AND SAINFOIN (Continued)  
(All Areas Except California)

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  
(Chorispura 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)

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)

Woods 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).

ALFALFA - Tank Mix with Gramoxone  
 Colorado, Idaho, Kansas, Montana, Nevada, Oregon, Utah, Washington, Wyoming  
 and the following California counties:  
 Del Norte, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, and Siskiyou.

**APPLICATION:** SENCOR 4 plus Gramoxone Extra herbicide tank mix application is recommended for use, during the dormant season, in aerial or ground spray equipment as a broadcast surface application to established alfalfa for the control of certain grass and broadleaf weeds. Do not apply SENCOR/Gramoxone tank mix to growth that is more than 2 inches tall. Apply once per season. Do not apply following cuttings during growing season. Use a minimum of 10 gallons of water per acre with aerial spray equipment and a minimum of 20 gallons of water per acre with ground spray equipment. Add a non-ionic spreader at label rates to the spray solution.

**WEEDS CONTROLLED:** SENCOR 4 plus Gramoxone Extra (1-1/5 to 1-3/5 pints/acre) tank mix application will control established weeds. Gramoxone controls weeds by contact activity.

1/2 to 3/4 Pint of SENCOR 4 per Acre

Common chickweed

3/4 to 1 Pint of SENCOR 4 per Acre

Bluegrass  
 Henbit  
 Cheat  
 Rescuegrass  
 Downy brome  
 Japanese brome  
 Sheperspurse  
 Field pennycress

Use SENCOR 4 at 1 to 1-1/2 pints/acre for control of the following weeds:

Ryegrass	Kochia	Prickly lettuce
Sow thistle	Meadow salsify	Little barley
Groundsel	Pepperweed	Redroot pigweed
Smooth brome	Jim Hill mustard	Common lambsquarters
Wild oats	Green foxtail	Marestail (Horseweed)
Blue mustard	Yellow rocket	Field Pennycress
Tansy mustard	White cockle	Rough fleabane
Flixweed	Wild buckwheat	

RECOMMENDED APPLICATIONS

DOSAGE (Pints/Acre)	REMARKS
SENCOR 4 1/2 to 1-1/2 pints plus Gramoxone Extra 1-1/5 to 1-3/5 pints	Apply specified dosages of SENCOR and Gramoxone in at least 10 gallons of water per acre with aerial equipment or at least 20 gallons of water per acre with ground equipment. Do not apply this tank mix to alfalfa growth if more than 2 inches tall. For best weed control, apply when broadleaf weeds and grasses are 1-6 inches tall and are actively growing. Care should be taken to avoid overlaps. Do not apply more than 1 pint of SENCOR 4 per acre on loamy sand soils. Reduced weed control may occur when extended dry conditions follow application of SENCOR. Crop injury may occur if alfalfa is under stress conditions such as diseases, insect infestations, drought or winter injury or if SENCOR is applied earlier than 12 months after seeding.

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.

Do not graze or harvest within 42 days after application.

In areas west of the Rockies, avoid the use of SENCOR on soils with calcareous surface, soils with high levels of lime or sodium, and with a pH greater than 8.2.

Do not apply when weather conditions favor spray drift. Aerial application should not be made when wind speed is greater than 10 mph.

Do not use on sand soil.

Refer to the Gramoxone Extra label for additional directions, weed species controlled and precautions.

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