



75% Dry Flowable Herbicide  
In Water Soluble Packets

909475 291060

**For control of certain grasses  
and broadleaf weeds.**

ACTIVE INGREDIENT:	
4-Amino-6-(1,1-dimethylethyl)-3-(methylino)-1,2,4-triazin-5(4H)-one .....	75%
INERT INGREDIENTS: .....	25%
	100%

EPA Reg No 3125-402

**STOP** — Read the label before use.  
**Keep out of reach of children.**

**CAUTION**

(See page 95 for Precautionary Statements and  
Statements of Practical Treatment)



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## Aviso

**PRECAUCION AL USUARIO:** Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

## DIRECTIONS FOR USE.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using SENCOR SOLUPAK 75% dry flowable herbicide.

**CONDITIONS OF SALE:** The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to other crops, animals, man, or the environment. Miles offers, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Miles and are, therefore, the responsibility of the buyer.

Keep water soluble packets in original container and store in a cool, dry place but not below freezing (32°F). Entire inner packets dissolve in water. After opening outer carton, drop the required number of unopened inner packets into spray tank as directed. Avoid excessive handling of water soluble packets which may cause breakage.

## GENERAL INFORMATION.

**MIXING:** When using SENCOR SOLUPAK, make sure the sprayer is completely clean, free of rust or corrosion which occurs from winter storage. Examine strainers and screens to be sure the sprayer is clean from previously used pesticides.

Any tank mix containing SENCOR SOLUPAK should be kept agitated and sprayed out immediately. Do not allow tank mixes to stand for prolonged periods of time.

The enclosed packets are water soluble and will completely dissolve in water. Do not allow packets to become wet before adding to the spray tank. Do not handle packets with wet hands or wet gloves. Reseal the outer carton to protect unused packets from moisture.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Applications," on this

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label into the spray tank while filling the tank with water to the desired level. Operate the spray tank agitator during mixing of the spray solution. Depending on water temperature and the amount of agitation, the water soluble packets should be completely dissolved within approximately 5 minutes after being added to the spray tank.

The proper mixing procedure for SENCOR SOLUPAK is one or in tank mix combinations with other herbicides is:

1. Fill the spray tank with water to the desired level.
2. Add the recommended rate of SENCOR SOLUPAK with the agitator running and with agitation on high.
3. Allow the agitator to run for thorough mixing. The packets should be completely dissolved in approximately 5 minutes.
4. Fill spray tank to desired level with clean water.
5. Add the other herbicide to tank last and agitate thoroughly.
6. Continue agitation during application and until spray tank is empty.
7. Refer to "Storage and Disposal" on this label for container disposal instructions.

For use in aerial application equipment, it is necessary to pre-mix the PVA packets with water before loading the aircraft spray tank. This pre-mixing should be done in a nurse tank that has a good agitation system.

Do not use with fertilizer. Do not use PVA packets in a tank mix with products that contain boron or release free chlorine. Reaction of PVA with boron or chlorine may form a plastic material that is not soluble in water or solvents.

**SOIL TEXTURE:** As used on this label, coarse soils are heavy sand or sandy loam soils. Medium soils are loam, silt loam, silt sandy clay or sandy clay loam. Fine soils are silt clay, silty clay, loam clay or clay loam. Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

**CHEMIGATION:** SENCOR SOLUPAK is recommended for application through sprinkler irrigation equipment to potatoes, soybeans, tomatoes, and asparagus as directed on this label. Refer to the crop sections of this label for recommended rates, weeds controlled or suppressed, restrictions, and special precautions.

Apply this product only through sprinkler (including center pivot, lateral move, or solid set) irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in crop can result from nonuniform distribution of treated water.

**Calibration** (Center Pivot and Self-Propelled Lateral Move Systems)

Sprinkler irrigation systems must be accurately calibrated for application of SENCOR SOLUPAK. Greater accuracy in calibration and distribution will be achieved by mixing a larger volume of a more concentrated water solution of water per acre. Follow the steps below to calibrate the product in lateral move systems.

1. Determine the total minutes required to make one complete revolution with the product at the desired water per acre.

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2. With the system at operating pressure determine the exact number of minutes required to fill 100 gallons of water.
3. Divide the time required for one revolution (step 1) by the time required to fill one gallon (step 2). This gives total gallons of product water mixture to be added to nurse tank.
4. Add required amount of water to nurse tank and start the agitation system. Then add sufficient SENCOR SOLUPAK at the recommended rate (see RECOMMENDED APPLICATIONS) to the nurse tank.

**EXAMPLE:** If 20 hours (1200 minutes) were required for one revolution and if 2 minutes were required to inject one gallon, then a total of 600 gallons of product water mixture are required ( $1200 \div 2 = 600$ ) to treat 135 acres at 4.5 pound/acre. 90.5 pounds of SENCOR SOLUPAK are required.

If you have questions about calibration, you should contact State Extension Service Specialist, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Maintain continuous agitation in the injection nurse tanks during the herbicide application. Sufficient to keep herbicide in suspension.

Apply specified dosage mix to 1 inch of water (1.5 to 1.8 inch of water on sandy soils) per acre as a continuous injection in center pivot and lateral move systems or in the last 15 to 30 minutes of set in permanent soil set sprinkler systems. Application of more than the quantity of irrigation water recommended on this label may result in decreased product performance by removing the chemical from the zone of effectiveness. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable weed control may result. Where sprinkler distribution patterns overlap excessively, crop injury may result. Always follow the herbicide product label for nozzle types and placement between and within irrigation wheels. To insure that lines are flushed and free of remaining pesticide, an indicator dye may be injected into the line to mark the end of the application period.

Use a minimum of 1 part water to 1 part herbicide for injection. The use of a larger volume of water will insure greater accuracy and more uniform distribution.

**APPLICATION OF SENCOR SOLUPAK WITH HERBICIDE SPRAY EQUIPMENT**

Use a standard low pressure (10 to 40 psi) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 50 mesh in nozzle and in line strainers. Agitate thoroughly before and during application with bypass agitation.

**Ground Application:** Apply the proper rate of SENCOR SOLUPAK in a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

**Banded Application:** Use proportionally less SENCOR SOLUPAK per acre in a band versus a broadcast application. For band application use 1/3 to 1/2 gallon of spray mix per inch of band width regardless of row spacing.

**EXAMPLES**

To treat a 15 inch band on rows 30 inches apart, use one half of the broadcast rate of SENCOR SOLUPAK.

To treat a 14 inch band on rows 42 inches apart, use one third of the broadcast rate of SENCOR SOLUPAK.

**Aerial Application:** Where permitted, apply specified rate in a minimum of 2 to 10 gallons of spray mixture per acre. Do not apply aerially when wind speed is greater than 10 mph.

**NOTE:** Do not apply aerially when SENCOR SOLUPAK is tank mixed with Lasso.

**FOR ALL APPLICATIONS OF SENCOR:** Sprayer must be accurately calibrated before applying SENCOR SOLUPAK. Check sprayer during application to be sure it is working properly and delivering a uniform spray pattern. As the volume of spray mixture decreases per acre, the importance of accurate calibration and uniform application increases. Avoid over application, misapplication, and boom and spray swath

...of ground that will cause spray damage. Crop injury may occur as a result. Avoid spray skips and gaps. Wet, slow weeds do not grow in treated soil. Do not apply when weather conditions favor spray drift and/or when the value of the season crop, such as rice, is less than the value of the weeds. Do not apply to soil where wheat is growing in coarse textured soils.

**Sprayer Cleanup.** Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might be effective. Do not be sprayed. Drain any remaining spray solution. If SENCOR SOLUPAK from the spray tank and dispose of according to label disposal instructions. 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. All rinse water must be disposed of in compliance with local, State, and Federal guidelines.

## COMMERCIAL IMPREGNATION AND APPLICATION OF SENCOR SOLUPAK ON DRY BULK FERTILIZER.

Dry bulk fertilizer may be impregnated or coated with SENCOR SOLUPAK for application to established alfalfa and soybeans. All recommendations, cautions, and special precautions on this label must be followed along with State regulations relating to dry bulk fertilizer blending, impregnating and labeling.

**Impregnation:** To impregnate, use a system consisting of a belt conveyor or closed drum, which is used for dry bulk fertilizer blending. Any commonly used fertilizer can be impregnated with SENCOR SOLUPAK except ammonium nitrate or fertilizers containing ammonium nitrate, potassium nitrate, or sodium nitrate. Do not use on powder limestone.

Apply using a minimum of 200 pounds of dry bulk fertilizer per acre and up to a maximum of 450 pounds per acre. To impregnate or coat the dry bulk fertilizer mix SENCOR SOLUPAK with sufficient water to form a sprayable slurry. The delivery nozzles must be directed to deliver a fine spray toward the fertilizer for thorough coverage. While blending, spray contact with mixing equipment. Do not impregnate or coat SENCOR SOLUPAK dry bulk fertilizer with a fertilizer already containing a granular or dispersible powder. In addition to product safety, free-flowing material. Milti-De-Edible, Milti-De-Edible Corporation's herbicide impregnated or coated with SENCOR SOLUPAK in a 2:1 ratio of herbicide to fertilizer.

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Apply immediately with irrigation water. Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water. Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water.

**Rates:** Select the recommended rates of SENCOR SOLUPAK per acre from the label table based on the crop and the type of fertilizer used. Do not apply more than the recommended rate. Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water.

Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water.

**Application:** Apply to alfalfa and soybeans. Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water. Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water.

Do not apply to alfalfa that has been irrigated but which has not yet been irrigated with water.

**Incorporation and Combination Uses:** When SENCOR SOLUPAK is to be used in combination with another herbicide, refer to the label for combination rates, mode of application, and special precautions.

## SOYBEANS (EXCEPT CALIFORNIA)

SENCOR herbicide tank mix combinations are recommended for preplant incorporated applications, preemergence surface applications, Spot Shot application, and Extended Spot Shot application. SENCOR SOLUPAK is also recommended as an overlay application following a preplant incorporated application of a recommended grass herbicide and alone as a preemergence surface application. All these applications can be applied with ground equipment, and some can be applied with aerial spray equipment. In addition, SENCOR SOLUPAK can be applied as a postemergence directed spray to soybeans in certain states.

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**SPECIAL PRECAUTIONS (Soybeans)**

Injury to soybeans may occur when SENCOR SOLUPAK is used under the following conditions:

1. When soils that have a calcareous surface area or a pH of 7.5 or higher.
2. Due to the sensitivity of certain soybean varieties. SENCOR is not recommended for use on Abco, AP 55, AP 71, Arnow, G220, E-Zon, Coker 102, Coker 156, Daxcel, GL 3202, Golden, Maple Amber, NB 3065, NKS 1884, Paloma 350, Portage, Ridge, Semmes, Terra Vig 505, Terra Vig 506, Tracy, Vansoy, and Vinton 81. Consult your Miles Representative or your seed supplier for information on the tolerance to SENCOR of newly released soybean varieties, prior to use of SENCOR.
3. When applied in conjunction with soil applied organic phosphate pesticides.
4. Over application or boom overlapping may result in stand loss and soil residues.
5. Uneven application or improper incorporation can decrease the level of weed control and/or increase the level of injury.
6. When applied to any soil with less than 1% organic matter.
7. Soil incorporation deeper than recommended.
8. When sprayers are not calibrated accurately.
9. When heavy rains occur soon after application, especially in poorly drained areas where water may stand for several days.
10. When soybeans are planted less than 1 1/2" deep, particularly in preemergence application.

**Activation:** A minimum amount of soil moisture is required to activate SENCOR SOLUPAK. In areas of low rainfall, preemergence applications to dry soil should be followed with light irrigation of 1/4 acre inch of water. Do not apply heavy irrigation immediately after application. As with many surface-applied herbicides, weed control and crop tolerance may vary with rainfall and/or soil texture.

**Crazing and Feeding Treated Vines:** Treated vines may be fed or fed to livestock 40 days after application when SENCOR SOLUPAK is applied alone or with Trehan<sup>®</sup>, Dual<sup>®</sup>, Prowl<sup>®</sup>, Lasso, Amben<sup>®</sup>, Gramoxone, Lasso plus Gramoxone.

Do not use treated vines for feed or forage when SENCOR SOLUPAK is applied with Surflan<sup>®</sup>, Surflan plus Gramoxone, Sonalan, Imuron plus Lasso, Imuron plus Dual.

**Rate Ranges:** Where a rate range is shown, use a lower rate on soils that are coarse-textured or low in organic matter. Use a higher rate on soils that are relatively fine-textured or high in organic matter.

**Replanting:** If replanting is necessary in fields treated with SENCOR SOLUPAK as directed on this label, the field may be replanted to soybeans. When replanting, a minimum of tillage is recommended. Do not apply a second treatment as injury to soybeans may occur.

**WEEDS CONTROLLED BY SENCOR AND SENCOR TANK-MIX COMBINATIONS**

- C = Control
- S = Suppression or Erratic Control
- P = Control may range from poor to excellent
- F = Fair or No Control
- = No Information

ANNUAL BROADLEAF WEEDS	SENCOR Alone	SENCOR Split Shot	SENCOR plus Trehan	SENCOR plus Dual	SENCOR plus Prowl	SENCOR plus Lasso	SENCOR plus Surflan	SENCOR plus Amben	SENCOR plus Gramoxone	SENCOR plus Lasso & Gramoxone	SENCOR plus Surflan & Gramoxone	SENCOR plus Sonalan	SENCOR plus Imuron plus Lasso or Dual
Black Nightshade (Solanum elaeagnifolium)	P	P	P	P	P	P	P	P	P	P	P	P	P
Brick Plantain (Achimenes speciosum) (Sperdy)	C	C	C	C	C	C	C	C	C	C	C	C	C
B. Parsnip (Sisymbrium irio)	C	C	P	P	P	P	P	P	P	P	P	C	P
Cardinalweed (Mollis verticillata)	C	C	C	C	C	C	C	C	C	C	C	C	C
Crackberry (Xanthoxylum pennsylvanicum)	S	C	S	S	S	S	S	S	S	S	S	C	S

**ANNUAL  
BROADLEAF WEEDS**

	SENCOR Alone	SENCOR Spm Shot	SENCOR plus Teehan	SENCOR plus Dual	SENCOR plus Probi	SENCOR plus Lasso	SENCOR plus Surfan	SENCOR plus Ambion	SENCOR plus Gramstone	SENCOR plus Lasso & Gramstone	SENCOR plus Surfan & Gramstone	SENCOR plus Sonalan	SENCOR plus Imuron plus Lasso or Dual
Aceytha oxypletha													
Florida Beggarweed (Desmodium illinoense)													
Florida Pursley (Richardia scabra)													
Gairnsoga (Gairnsoga sp.)													
Horsetweed Marestail (Conyza canadensis)													
Jimsonweed (Datura stramonium)													
Prostrate Spurge (Portulaca oleraceae)													
Field Bindweed (Convolvulus sp.)													
Spotted Spurge (Chenopodium sp.)													
Mimosa pudica (Mimosa pudica)													
Mimosa pudica (Mimosa pudica)													
Mimosa pudica (Mimosa pudica)													

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## WEEDS CONTROLLED BY SENCOR AND SENCOR TANK-MIX COMBINATIONS

C = Control  
 S = Suppression or Erratic Control  
 (Control may range from poor to excellent)  
 P = Poor or No Control  
 • = No Information

ANNUAL GRASSES	TANK-MIX COMBINATIONS											
	SENCOR Alone	SENCOR plus Sulf	SENCOR plus Trifluralin	SENCOR plus Dual	SENCOR plus Pival	SENCOR plus Lixee	SENCOR plus Sulfon	SENCOR plus Gramoxone	SENCOR plus Lixee & Gramoxone	SENCOR plus Sulfon & Gramoxone	SENCOR plus Sulfon	SENCOR plus Lixee plus (Lixee or Dual)
Barnyardgrass ( <i>Echinochloa crus-galli</i> )	S	C	C	C	C	C	C	C	C	C	C	C
Bluegrass ( <i>Poa annua</i> )	C	C	C	C	C	C	C	C	C	C	C	C
Broadleaf Signalgrass ( <i>Brachiaria platyphylla</i> )	C	C	C	C	C	C	C	C	C	C	C	C
Browntop Millet ( <i>Panicum ramosum</i> )	C	C	C	P	C	S	C	P	C	P	C	•
Crabgrass ( <i>Digitaria</i> spp.)	C	C	C	C	C	C	C	C	C	C	C	C
Crownbeardgrass ( <i>Dactyloctenium aegyptium</i> )	C	C	C	C	C	C	C	C	C	C	C	•
Cupgrass ( <i>Eriochloa gracilis</i> )	P	C	P	P	P	P	P	P	P	F	C	•
Setaria ( <i>Setaria</i> spp.)	S	C	C	C	C	C	C	C	C	C	C	C
Goosegrass ( <i>Elymus canadensis</i> )	C	C	C	C	C	C	C	C	C	C	C	C
Johnsongrass Seedling ( <i>Sorghum halepense</i> )	C	C	C	C	C	C	C	P	L	C	C	•

Jungle rice ( <i>Echinochloa colonum</i> )	C	C	C	C	C	C	•	C	C	C	C	C
Nutsedge yellow ( <i>Cyperus esculentus</i> )	P	P	P	L	P	C	P	P	C	P	C	•
Panicum Fall ( <i>Panicum dichotomiflorum</i> )	P	C	C	C	C	C	C	P	P	C	P	C
Panicum Texas ( <i>Panicum texanum</i> )	P	C	C	P	C	S	C	P	P	S	P	•
Red Rice ( <i>Oryza sativa</i> )	P	C	C	C	P	C	•	P	P	C	P	•
Sandspur ( <i>Cenchrus</i> spp.)	P	C	C	P	C	•	•	P	P	C	P	•
Shamrock ( <i>Sorghum bicolor</i> )		C	C	P	P	P	P	P	P	P	P	•
Sorghum Volunteer ( <i>Sorghum</i> spp.)	P	C	C	P	•	P	P	P	P	P	•	P
Sprangletop ( <i>Eriochloa</i> spp.)	P	C	C	P	P	P	•	P	F	P	P	•
Stinkgrass ( <i>Eragrostis</i> spp.)	P	C	C	P	P	P	•	P	P	P	P	•
Wheat Volunteer ( <i>Triticum</i> spp.)	P	P	P	P	P	P	S	P	P	C	C	•
Witchgrass ( <i>Panicum capillare</i> )	P	C	C	C	C	C	•	P	P	C	C	•

### SENCOR ALONE.

**SENCOR SOLUPAK (Alone) Preemergence Application.** The following rates of SENCOR SOLUPAK may be applied preemergence to soy beans through center pivot or lateral move sprinkler irrigation systems that apply water in a uniform manner. Refer to "Chemigation" section of this label for directions.

SENCOR SOLUPAK can be applied broadcast or banded. This application may be made during planting or as a separate operation after planting but before crop emergence. See the "GENERAL INFORMATION" section in the front of this label.

Do not apply to sand soils or to sandy loam or loamy sand soil containing less than 2% organic matter. Do not incorporate into soil or apply more than once per season.

POUNDS OF SENCOR SOLUPAK PER ACRE	ORGANIC MATTER		
	Less than 2%	2 to 4%	Over 4%
<b>COARSE SOILS*</b> (silt, sandy loam, sandy loam)	1.0 to 1.5	1.5	1.5
<b>MEDIUM SOILS*</b> (silt, silty loam, silty loam, sandy clay, sandy clay loam)	1.5 to 2.0	2.0 to 2.5	2.0 to 2.5
<b>FINE SOILS*</b> (silt, silty clay, silty clay loam, clay, clay loam)	2.0 to 2.5	2.5 to 3.0	3.0 to 3.5
<b>Mississippi Delta Only</b>	1	1.5	1.5

\* For control of lambsquarters, redroot pigweed and wild mustard, and for suppression of green, yellow and giant foxtails on alkaline (calcareous) soils in Nebraska, Minnesota, South Dakota and North Dakota only, apply SENCOR SOLUPAK at rates of 1/2 pound/acre on medium soils and 1/2 to 1/4 pound/acre on fine soils regardless of soil organic matter percentage (use 1/2 pound only where soil pH is less than 7.5 and weed pressure is heavy). The 1/2 pound/acre rate of SENCOR SOLUPAK alone can be applied regardless of soil pH. For control of other weeds listed on the label use SENCOR SOLUPAK at full rates recommended in the table above, but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

\* Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

\* Refer to the appropriate section of this label for use of SENCOR SOLUPAK on soybeans in coarse soils with 0.5% and more organic matter in certain states.

## USES OF SENCOR IN COMBINATIONS WITH OTHER HERBICIDES

### SEQUENTIAL APPLICATION OF SCEPTER® FOLLOWING SENCOR:

If needed, application of SENCOR 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 is 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

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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 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.

### SPLIT-SHOT APPLICATION

A preplant incorporated application of SENCOR SOLUPAK tank mixed with either Treflan, Lasso, Dual, Prowl or Sonalan and followed by a preemergence surface application of SENCOR SOLUPAK alone after planting but prior to soybean emergence, will control more broadleaf and grass weeds in soybeans than when either herbicide is used alone.

Refer to the Treflan, Lasso, Dual, Prowl or Sonalan labels, and to appropriate sections of this label for directions on soil preparation, herbicide application, incorporation techniques, herbicide rates, weed species controlled, and restrictions for using tank mix combinations of SENCOR SOLUPAK. Carefully observe the "Special Precautions" section concerning the use of SENCOR in tank mix combinations on soybeans.

When a Split Shot application of SENCOR SOLUPAK with Prowl, Treflan or Sonalan is used, the preplant incorporated tank mix may be applied up to 21 days prior to planting soybeans, with Dual or Lasso, the preplant incorporated tank mix may be applied up to 14 days prior to planting.

On medium and fine textured soils with greater than 2% organic matter, a rate range is recommended for the SENCOR SOLUPAK pre-emergence overlay application. The higher rate should be used (a) in fields with a history of severe broadleaf weed pressure, (b) when the time between preplant incorporated tank mix and preemergence overlay applications approaches the maximum stated above, and/or (c) when the organic matter content of the soil is at the upper end of the indicated range.

For blar, nightshade control refer to the appropriate sections of the Lasso, Dual or Sonalan labels for specific instructions.

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**SPLIT-SHOT APPLICATION**

SOIL TEXTURE*	Preplant Incorporated Tank Mix Application		Preemergence Overlay Application	
	Rate of Combination Product	Rate of SENCOR SOLUPAK	Rate of SENCOR SOLUPAK	Rate of ORGANIC MATTER
<b>COARSE</b>	1.5 to 2.0 qt or 1.0 to 1.5 qt	1.0 to 1.5 pt or 0.5 to 1.0 pt	Less than 2%	2 to 4%
<b>MEDIUM</b>	1.0 to 1.5 qt or 0.5 to 1.0 qt	1.0 to 1.5 pt or 0.5 to 1.0 pt	Less than 2%	2 to 4%
<b>FINE</b>	1.0 to 1.5 qt or 0.5 to 1.0 qt	1.0 to 1.5 pt or 0.5 to 1.0 pt	Less than 2%	2 to 4%

\*Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S.

- On coarse textured soils, do not use on sand soils with less than 1% organic matter or on loamy sand or sandy loam soils with less than 0.5% organic matter. However, on coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, do not use on sand soils with less than 2% organic matter or on loamy sand or sandy loam soils with less than 1% organic matter.
- Use this lower rate of SENCOR SOLUPAK in the preplant incorporated tank mix on soils having a calcareous surface area or a pH of 7.5 or higher, and in those situations where soils within a field vary extremely in texture or organic matter content.
- Reduce this preemergence overlay rate of SENCOR SOLUPAK by a board acre when using SPLIT SHOT application on soils with over 4% organic matter and which have a calcareous surface area or a pH of 7.5 or higher.

**EXTENDED SPLIT-SHOT APPLICATION**

(Includes No-Till, Reduced-Till, Ridge-Till, Strip-Till, Mulch-Till)

An early preplant (surface applied or shallow incorporated) application of SENCOR SOLUPAK tank mixed with either Dual or Lasso, followed by a preemergence surface application of SENCOR tank mixed with Dual or Lasso after planting but prior to soybean emergence, will control more broadleaf and grass weeds in soybeans than either herbicide used alone.

An Extended Split Shot application will decrease the need for tillage and/or contact herbicides for the control of existing vegetation prior to planting, while providing residual control of weeds after planting.

When an Extended Split-Shot application of SENCOR SOLUPAK with Dual or Lasso is used, the preplant tank mix combination may be applied 15 to 30 days prior to planting soybeans. Follow directions on the label accompanying the product for Split Shot applications from 0 to 14 days before planting.

Where a rate range is recommended, the higher rates should be used (a) in fields with a history of severe weed pressure, (b) when the time between early preplant tank mix and preemergence overlay applications approaches the maximum 30 days, (c) when the organic matter content of the soil is at the upper end of the indicated range, (d) when heavy crop residues are present on the soil surface, and/or (e) when the early preplant tank mix application is shallow incorporated (e.g. use 2 to 2½ qts Lasso in the early preplant tank mix when surface applied and use 2½ to 3 qts Lasso when the tank mix is to be lightly incorporated).

When weeds exceed 1 to 1½ inches in height or diameter at application, use a contact herbicide, such as Round Up® or Gramoxone.

Refer to the Dual or Lasso label, and to appropriate sections of this label for additional information on soil preparation, herbicide application, weeds controlled, precautions, restrictions, limitations and sprayer clean up.

# EXTENDED SPLIT-SHOT APPLICATION

SOIL TEXTURE	Early Preplant Tank Mix Application (Surface Applied or Shallow Incorporated)		Followed by	Preemergence Overlay Application	
	Rate of SENCOR Plus Tank Mix Product/acre	Rate of SENCOR SOLUPAK Plus Tank Mix Product/acre		Rate of SENCOR SOLUPAK Plus Tank Mix Product/acre	Rate of SENCOR SOLUPAK Plus Tank Mix Product/acre
<b>COARSE</b> Silt loam Silt clay loam Silt clay	Dual 1 1/2 qt or Lasso 1 1/2 qt	Plus 1/2	Followed by Dual 1/2 qt or Lasso 1/2 qt	Plus 1/2	1/2 to 2 1/4 2 to 4 1/4 Over 4 1/4
<b>MEDIUM</b> Loam Silt loam Sandy clay loam Silt clay loam	Dual 1 1/2 qt or Lasso 2 3/4 qt	Plus 1/2	Followed by Dual 1/2 qt or Lasso 1 1/2 qt	Plus 1/2	1/2 to 2 1/4 2 to 4 1/4 Over 4 1/4
<b>FINE</b> Silty clay loam Silty clay Clay	Dual 2 qt or Lasso 2 3/4 qt	Plus 1/2	Followed by Dual 1 qt or Lasso 1 1/2 qt	Plus 1/2	1/2 to 2 1/4 2 to 4 1/4 Over 4 1/4

\* S, S, and M are transitional soils and may be classified as medium textured soils in some regions of the U.S.  
 † Do not use on coarse textured soils with less than 1% organic matter. However, on coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, do not use on soils with less than 2% organic matter, or on loamy sand or sandy loam soils with less than 1% organic matter.  
 ‡ Do not use on SENCOR SOLUPAK in the early preplant tank mix on soils having a calcareous surface area or a pH of 7.5 or higher, and if these tank mix rates are used within a 7 day interval in texture or organic matter content.

## SENCOR PLUS SONALAN

### SENCOR PLUS SONALAN OVERLAY APPLICATION

SENCOR SOLUPAK may be applied as a preemergence overlay application following a preplant incorporated application of Sonalan 3 EC. Consult the Sonalan label for specific directions on use, recommendations, restrictions and any additional weeds not specified on this label.

### SENCOR PLUS SONALAN TANK MIX APPLICATION

Incorporate the tank mixture into the top 1 to 2 inches of soil within 21 days before planting according to label directions for Sonalan. Apply SENCOR SOLUPAK plus Sonalan preplant incorporated if furrow irrigation is used or when a period of dry weather after application is expected. If soybeans are planted on beds, apply and incorporate the tank mixture after bed formation.

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

**Application:** Sonalan should be uniformly applied and thoroughly mixed into the soil within 2 days after application. For specific application information, refer to "Application" under the "General Information" section in the front of this label.

### BROADCAST RATES:

Soil Texture	SENCOR SOLUPAK lbs/acre	Sonalan 3 EC pts/acre
<b>COARSE</b> (Silty loam, loamy sand)	1/2	1 1/2
<b>MEDIUM</b> (Loam, silt loam, silty, sandy clay, sandy clay loam)	1/2	1 1/2 to 2
<b>FINE</b> (Silty clay, silty clay loam, clay, clay loam)	1/2	2 to 3

\* Do not use on coarse soils with less than 1% organic matter.  
 † Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.  
 ‡ For control of lambsquarters, redroot pigweed, wild mustard, and green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only apply SENCOR SOLUPAK at rates of 1/2 pound/acre on medium soils and 1/2 to 1 1/4 pound/acre on fine soils regardless of soil organic matter percentage (use 1/2 pound only where soil pH is less than 7.5 and weed pressure is heavy). The 1/2 pound rate of SENCOR SOLUPAK in tank mix combination with Sonalan can be applied regardless of soil pH. For control of other weeds listed on the label, use SENCOR SOLUPAK at full rates recommended in the table above, but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

**Special Precautions (SENCOR plus Sotalan):** For additional precautions, restrictions, limitations, incorporation, and sprayer clean up information refer to the appropriate sections of this label and the Sotalan label.

For black nightshade control, refer to the Sotalan label for specific rates and application instructions.

## SENCOR PLUS TREFLAN

### SENCOR PLUS TREFLAN OVERLAY APPLICATION

SENCOR SOLUPAK may be applied as a preemergence broadcast or band overlay application following a preplant incorporated treatment of Treflan. Consult the Treflan label for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.

**SENCOR PLUS TREFLAN TANK MIX APPLICATION:** A single application of a tank mix combination of SENCOR SOLUPAK and Treflan EC will control more broadleaf and grass weeds in soybeans than when either herbicide is used alone.

Prepare the soil surface by deep plowing, offset disking or tandem disking prior to the application of the herbicide combination. The soil surface should be well prepared and free of clods and trash.

This SENCOR SOLUPAK plus Treflan tank mix combination may be applied and incorporated into the soil up to 10 days before planting.

**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.

Apply SENCOR SOLUPAK plus Treflan to the soil surface and incorporate in the same operation, if possible. Variable weed control may result from delayed incorporation if SENCOR SOLUPAK plus Treflan are applied to a wet, warm soil surface or if the wind velocity is 10 miles per hour or higher. Use machinery that mixes SENCOR SOLUPAK plus Treflan thoroughly with the soil. Incorporation may be delayed up to 24 hours after application. Shallow incorporation with implement set to cut less than 2 inches deep may result in erratic weed control. Do not use spike or spring-tooth harrows alone for incorporation.

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### RECOMMENDED APPLICATIONS SENCOR plus Treflan Tank Mix (Broadcast Rates)

SOIL TEXTURE	SENCOR SOLUPAK Pounds per Acre	Treflan EC Pints per Acre
COARSE		
MEDIUM		
FINE		

but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

#### Incorporation Equipment

1. Set PTO driven equipment (rotors, cultivators, hoes) to cut 2 to 3 inches deep and space rotors to provide a clean sweep of the soil. PTO equipment should not be operated at a speed greater than 4 miles per hour.
2. Set disk to cut 4 to 6 inches deep and operate twice in different directions at 4 to 6 miles per hour.
3. Set moldboard and other similar disk type implements to cut 3 to 4 inches deep and operate twice in different directions at 5 to 8 miles per hour.

#### For Coarse and Medium-Textured Soils Only

4. Set rolling cultivator to cut 2 to 4 inches deep and operate twice at 6 to 8 miles per hour. Set bed conditioner, Do-Aly to cut 2 to 4 inches deep and operate at 4 to 6 miles per hour.

#### SPECIAL PRECAUTIONS (SENCOR plus TreMan)

Seeding disease cold weather, low soil moisture, high salt concentration or drought may weaken seedlings and increase possibility of damage from the tank mix. In the Central States, do not plant sorghum or oats for 12 months where the tank mix has been applied unless 20 inches or more of irrigation and/or rainfall (total) is used to produce the crop. If less than 20 inches total water was used to produce the crop during the year.

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do not plant a new crop for 18 months after the tank mix application. Drought weather conditions during the early stage of growth may increase the possibility of injury to sorghum.

For additional precautions, restrictions, limitations, and sprayer clean-up information refer to the appropriate section of this label. Do not use this tank mix combination on soils containing charcoal in Arkansas, Louisiana and Mississippi.

**SENCOR PLUS DUAL**

**SENCOR PLUS DUAL OVERLAY APPLICATION**

Apply a preplant incorporated treatment of Dual BE as directed on that product label for use on soybeans. Follow with a preemergence treatment of SENCOR SOLUPAK as directed on this label for use on soybeans.

**SENCOR PLUS DUAL TANK MIX APPLICATIONS**

**Preplant Incorporated Application:** Incorporate the tank mixture into the top 2 inches of soil within 14 days before planting using a disk, narrow, rolling cultivator, or similar implement.

Apply SENCOR SOLUPAK plus Dual preplant incorporated if furrow irrigation is used or when a period of dry weather after application is expected. If soybeans are planted on beds, apply and incorporate the tank mixture after bed formation.

**Preemergence Application:** Dry weather following preemergence application of SENCOR SOLUPAK plus Dual tank mixture may reduce effectiveness. If weeds develop, cultivate uniformly with shallow tillage equipment such as a rotary hoe that will not damage soybeans.

**Mixing Instructions:** Refer to the "General Information" section in the front of this label.

**RECOMMENDED APPLICATIONS**

**SENCOR plus Dual Tank Mix:**

**Preemergence Application (Broadcast Rates)**

SOIL TEXTURE	ORGANIC MATTER			
	0.5% to 3%		Over 3%	
	SENCOR SOLUPAK Pounds/Acre	Dual BE Pints/Acre	SENCOR SOLUPAK Pounds/Acre	Dual BE Pints/Acre
<b>COARSE</b> Sandy loam Sandy clay loam	1.5	1.5	1.5	1.5
<b>MEDIUM</b> Silt loam Silt clay loam	1.5	1.5	1.5	1.5
<b>FINE</b> Clay loam Clay Silt clay Silt loam Sandy clay Sandy loam Clay loam	1.5	1.5	1.5	2.0
<b>Mississippi Delta Only</b> Silt loam	1	1	1	2.0

\* Do not use on kind soils. Do not apply SENCOR SOLUPAK plus Dual tank mix preemergence on extremely sandy soils with less than 2% organic matter.

\*\* Only in heavy soils, the tank mix solution may be applied as a preplant incorporated application in some regions of the U.S.

**RECOMMENDED APPLICATIONS**

**SENCOR plus Dual Tank Mix:**

**Preplant Incorporated Application (Broadcast Rates)**

SOIL TEXTURE	ORGANIC MATTER			
	0.5% to less than 3%		3% or greater	
	SENCOR SOLUPAK Pounds/Acre	Dual BE Pints/Acre	SENCOR SOLUPAK Pounds/Acre	Dual BE Pints/Acre
<b>COARSE</b> Sandy loam Sandy clay	1.5	1.5	1.5	1.5
<b>MEDIUM</b> Silt loam Silt clay loam	1.5	1.5	1.5	1.5
<b>FINE</b> Clay loam Clay Silt clay Silt loam Sandy clay Sandy loam Clay loam	1.5	1.5	1.5	2.0
<b>Mississippi Delta Only</b> Silt loam	1	1	1	2.0

**SPECIAL PRECAUTIONS (SENCOR plus Dual)** For additional precautions, restrictions, and spray information refer to the appropriate sections of this label and the Dual label.

## SENCOR PLUS PROWL

### SENCOR PLUS PROWL OVERLAY APPLICATION

Apply a preplant incorporated treatment of Prowl as directed on that product label for use on soybeans. Follow with a preemergence treatment of SENCOR SOLUPAK as directed on this label for use on soybeans.

### SENCOR PLUS PROWL TANK MIX APPLICATION

**Preplant Incorporated Application:** Prepare the soil by plowing or disking to mix previous crop residues into the soil to a depth of 4 to 6 inches.

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

Incorporate the tank mixture into the top 1 or 2 inches of soil within 7 days after application according to label directions for Prowl. Mechanical incorporation is not required if a rain of one-quarter inch or more occurs within 7 days after application. Soybeans must be planted no later than 7 days after application of the tank mixture.

**Preemergence Application:** Except for minimum and no-tillage systems, the seed bed should be firm and free of trash and clods.

For specific application information refer to the "General Information" section in the front of this label. Do not apply Prowl preemergence north of Interstate 80.

This application must be made after planting and before crop emergence. Do not incorporate.

If cultivation is necessary because of soil crusting, soil compaction or weed germination before rain or irrigation, use shallow tilling equipment such as a rotary hoe that does not damage soybeans.

**Mixing Instructions:** Refer to the "General Information" section in the front of this label.

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### SOUTHERN STATES AND EASTERN COASTAL PLAINS

For use only in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, Southeastern Missouri, Southern Region and Coastal Plains of Delaware, Maryland, New Jersey, and Virginia.

Information on minimum incorporation requirements for SENCOR plus Prowl Tank Mix is available in the front of the SENCOR plus Prowl Tank Mix label.

### RECOMMENDED APPLICATIONS

#### SENCOR plus Prowl Tank Mix

(Broadcast Rates)

SOIL TEXTURE	SENCOR SOLUPAK Pounds/Acre	Prowl Pints/Acre
COARSE Sandy loam to Sandy clay loam	1.5	1.0
MEDIUM Loam to Sandy clay loam	1.5	1.0
FINE Clay loam to Clay	1.5	1.0

1.5 lbs. of SENCOR SOLUPAK and 1.0 pint of Prowl per acre will control weeds in the above soil textures.

2.5 lbs. of SENCOR SOLUPAK and 1.5 pints of Prowl per acre will control weeds in some regions of the U.S.

Use only the above rates.

### NORTHEASTERN AND NORTH CENTRAL STATES

For use only in Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Wisconsin and Missouri (except the "Bootheel" Region).

### RECOMMENDED APPLICATIONS

#### SENCOR plus Prowl Tank Mix

(Broadcast Rates)

SOIL TEXTURE	ORGANIC MATTER			
	1 to 3%		Over 3%	
	SENCOR SOLUPAK Pounds/Acre	Prowl Pints/Acre	SENCOR SOLUPAK Pounds/Acre	Prowl Pints/Acre
COARSE Sandy loam to Sandy clay loam	1.5	1.0	1.5	1.0
MEDIUM Loam to Sandy clay loam	1.5	1.0	1.5	1.0
FINE Clay loam to Clay	1.5	1.0	1.5	1.0

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**SPECIAL PRECAUTIONS (SENCOR Plus Prowl)** Do not use on deeper than 1/2 inch soil with less than 2% organic matter and less than 1% clay. For additional precautions, restrictions, limitations, and sprayer clean-up information refer to the appropriate sections of this label and the Prowl label.

**SENCOR PLUS LASSO**

**SENCOR PLUS LASSO TANK MIX APPLICATION**

**Preemergence.** SENCOR SOLUPAK may be used in a tank mix combination with Lasso as a preemergence band or broadcast application to soybeans in accordance with the specified soil types and dosages recommended.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to the appropriate section of this label.

Refer to the Lasso label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

**RECOMMENDED APPLICATIONS: SENCOR plus Lasso Tank Mix Preemergence Applications (Broadcast Rates)**

SOIL TEXTURE	1/2 to 3% Organic Matter		Greater than 3% Organic Matter	
	SENCOR SOLUPAK Lbs/Acre	Lasso Qts/Acre	SENCOR SOLUPAK Lbs/Acre	Lasso Qts/Acre
<b>COARSE</b> (Sandy loam)	1	1 1/2 to 2	1	1 1/2 to 2
<b>MEDIUM</b> (Loam, silt loam, silty sand, clay sandy loam)	1	1 1/2 to 2	1	1 1/2 to 2
<b>FINE</b> (Silt clay, silty clay loam, clay loam)	1	2	1	2 1/2 to 3
<b>Mississippi Delta Only</b> (Silt clay)	SENCOR SOLUPAK Lbs/Acre 1		Lasso Qts/Acre 2 1/2 to 3	

1. Do not use SENCOR SOLUPAK plus Lasso on sand or loamy sand soils with less than 2% organic matter.  
2. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth.  
3. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth in the Mississippi Delta region.  
4. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth in the Mississippi Delta region if the soil is highly calcareous (pH 7.5 or higher).  
5. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth in the Mississippi Delta region if the soil is highly calcareous (pH 7.5 or higher) and the soil is highly erodible.

**Preplant Incorporated.** For specific application information refer to the Lasso label. Information is similar to the front of this label.  
Apply the preplant incorporated tank mix combination as used or within a period of dry weather after application is expected. If soybeans are planted in broadcast and incorporate the tank mixture after broadcast. Apply within 7 days prior to planting and shallowly (1/4 to 1/2 inch) to the upper 1 to 2 inches of soil.

**RECOMMENDED APPLICATIONS: SENCOR plus Lasso Tank Mix Preplant Incorporated Applications (Broadcast Rates)**

SOIL TEXTURE	SENCOR SOLUPAK Pounds/Acre	Lasso Quarts/Acre
<b>COARSE</b> (Sandy loam, silty sand, silty clay loam)	1	2 1/2 to 3
<b>MEDIUM</b> (Loam, silt loam)	1	2 1/2 to 3
<b>FINE</b> (Silt clay, silty clay loam, silty clay)	1	2 1/2 to 3
<b>Mississippi Delta Only</b> (Silt clay)	1	2 1/2 to 3

1. Do not use SENCOR SOLUPAK plus Lasso on sand or loamy sand soils with less than 2% organic matter.  
2. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth in the Mississippi Delta region.  
3. Do not use SENCOR SOLUPAK plus Lasso on soils with less than 1% clay and less than 1/2 inch soil depth in the Mississippi Delta region if the soil is highly calcareous (pH 7.5 or higher).

**SPECIAL PRECAUTIONS (SENCOR plus Lasso)** For additional precautions, restrictions, limitations and sprayer clean-up information refer to the appropriate sections of this label and the Lasso label.



## SENCOR PLUS CANNON®

SENCOR SOLUPAK may be tank mixed with Cannon 3 EC for preplant incorporated application to control certain weeds in soybeans. Refer to the "General Information" section of this label for information on mixing, application, restrictions, special precautions, and weeds controlled by SENCOR SOLUPAK. See appropriate sections of the Cannon 3 EC herbicide label for additional precautionary statements, directions for use, recommendations, restrictions and additional weeds controlled.

### RECOMMENDED APPLICATIONS SENCOR plus Cannon Tank Mix Preplant Incorporated Applications (Broadcast Rates)

SOIL TEXTURE	1% to 3% Organic Matter		Greater than 3% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Cannon 3 EC Qts./Acre	SENCOR SOLUPAK Lbs./Acre	Cannon 3 EC Qts./Acre
<b>COARSE</b> (Sandy loam)	1/2	+ 3	1/2	+ 3
<b>MEDIUM</b> (Loam, silt loam, silty loam, sandy clay loam)	1/2	+ 3	1/2	+ 3
<b>FINE</b> (Silty clay, silty clay loam, clay, clay loam)	1/2	+ 3	1/2 to 3/4	+ 3
<b>Mississippi Delta Gully</b> (Silty clay to heavy clay)	SENCOR SOLUPAK Lbs./Acre + Cannon 3 EC Qts./Acre 1 1/2 + 3			

\* Do not use SENCOR plus Cannon on sand or loamy sand soils with less than 2% organic matter.

\*\* For control of lambsquarters, redroot pigweed, wild mustard, green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only apply SENCOR SOLUPAK at rates of 1/2 pound/acre on medium soils and 1/4 to 1/2 pound/acre on fine soils regardless of soil organic matter percentage (use 1/2 pint/acre where soil pH is less than 7.5 and weed pressure is heavy). The 1/2 pound/acre rate of SENCOR SOLUPAK in tank mix combination with Cannon can be applied regardless of soil pH. For control of other weeds use SENCOR SOLUPAK at the rates recommended in the table above but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

\*\*\* Silty clay loam soils are transitional soils and may be classified as medium or fine soils in some regions of the U.S.

#### DO NOT USE ON MUCK SOILS

Do not allow sprays to drift on to adjacent desirable plants. Observe all cautions and limitations on the labeling of all products used in mixtures.

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## SENCOR PLUS COMMAND®

SENCOR SOLUPAK may be applied in combination with Command 4 EC as a preplant or shallow incorporated application for the control of certain weeds in soybeans. Consult the Command label for specific directions on 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:** SENCOR SOLUPAK plus Command 4 EC may only be applied with ground equipment as a preplant or shallow incorporated application. SENCOR SOLUPAK plus Command 4 EC should be thoroughly incorporated into the top 1-2 inches after application or the surface is dry. Or dry soil incorporated into the top 1-3 inches within 3 hours of tank mix application.

Do not apply if 5 tank mix within 1000 feet of towns and subdivisions, commercial vegetable fruit nurseries or greenhouse operations.

A minimum of 15 gallons spray volume per acre is recommended with appropriate nozzle types and sizes to produce a coarse spray droplet. The use of an approved agricultural drift reducing additive is recommended for application volumes of 15-40 gallons per acre. The use of an approved agricultural drift reducing additive is required at spray volumes of 10-15 gallons per acre.

**NOTE:** Off site movement of Command spray drift or vapors can cause foliar whitening or yellowing of some vegetation. Prior to application of Command, read and strictly follow all precautions and application instructions as set forth in that label.

For additional information on application, refer to the "General Information" section in the front of this label and the Command label.

**Weeds Controlled:** Bristly Starbur, Carpetweed, Copperleaf, Florida Beggarweed, Florida Pusley, Gainsoga, Jimsonweed, Knotweed, Lambsquarters, Pigweeds, Prickly Sida/Teaweed, Purslane, Common Ragweed, Redweed, Sesbania, Smartweeds, Spurred Amaranth, Velvetleaf, Venice Mallow, Wild Mustards, Barnyardgrass\*, Bluegrass, Broadleaf Signalgrass, Crabgrass\*, Foxtails (Green, Giant, Yellow\*, Robust, Purple), Goosegrass, Johnsongrass (seedling)\*, Fall Panicum\*, Texas Panicum, and witchgrass.

\* Use 2 pts./Acre Command 4 EC on coarse and medium textured soils with high populations of these weeds.

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**RECOMMENDED APPLICATIONS**  
**SENCOR plus Command Tank Mix Preplant Incorporated**  
**(Broadcast Rates)**

SOIL TEXTURE <sup>1</sup>	0.5 to 2% Organic Matter		Over 2% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Command 4 EC Pts./Acre	SENCOR SOLUPAK Lbs./Acre	Command 4 EC Pts./Acre
<b>COARSE<sup>2</sup></b> Sandy loam sandy loam	1	1 1/2 to 2	1	1 1/2 to 2
<b>MEDIUM</b> Silt loam silt loam Silt sandy clay sandy clay loam	1/2 to 1	1 1/2 to 2	1/2 to 1	1 1/2 to 2
<b>FINE</b> Silt clay silt clay loam <sup>3</sup> clay clay loam <sup>3</sup>	1/2 to 1	1 1/2 to 2	1/2 to 1	1 1/2 to 2

<sup>1</sup> Crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

<sup>2</sup> Do not use on coarse soils with less than 1% organic matter.

<sup>3</sup> Silt 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 Command):** 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.

Do not apply when weather conditions favor drift.  
 Do not use treated vines for feed or forage.  
 Observe all cautions and limitations on labeling of all products used in mixtures.  
 Do not apply aerially or through irrigation equipment.

**SENCOR PLUS CANOPY<sup>®</sup> PLUS A  
 GRASS HERBICIDE**

A tank mix combination of SENCOR SOLUPAK plus Canopy (75 DF) plus a registered and recommended grass herbicide (Dual, Lasso, Prowl, Sonalan or Treflan) is recommended for control of the following weeds in soybeans.

**Weeds Controlled:**

Barnyardgrass  
 Bluegrass  
 Broadleaf signalgrass  
 Browntop Millet  
 Crabgrass  
 Crowfootgrass  
 Foxtails  
 Goosegrass

**Annual Grasses**

Johnsongrass (seedling)  
 Junglerice  
 Panicum, Fall  
 Panicum, Texas  
 Sandbur  
 Sprangletop  
 Stinkgrass

**Annual Broadleaves**

Bristly Starbur  
 Carpetweed  
 Cocklebur  
 Copperleaf, Hophornbeam  
 Florida Beggarweed  
 Florida Pusley  
 Galinsoga  
 Jimsonweed  
 Knotweed  
 Kochia  
 Lambsquarters  
 Pigweed  
 Prickly Sida/Teaweed  
 Purslane  
 Ragweed, Common  
 Redweed  
 Russian Thistle  
 Sesbania  
 Shepherdspurse  
 Smartweed  
 Spurred Anoda  
 Velvetleaf  
 Venice mallow  
 Wild mustard

Tank mix combinations which include Dual, Lasso or Prowl can be applied preemergence broadcast or preplant incorporated broadcast. When Sonalan or Treflan are used in the tank mix, apply preplant incorporated broadcast. Refer to the table below for recommended rates of each product to be used in tank mix combinations.

**RECOMMENDED APPLICATIONS**  
**SENCOR SOLUPAK PLUS CANOPY 75 DF PLUS**  
**A GRASS HERBICIDE**  
**(Broadcast Rates)**

A = Treflan (pt/acre)  
 B = Dual (pt/acre)  
 C = Prowl (pt/acre)  
 D = Lasso (qt/acre)  
 E = Sonalan (pt/acre)

Soil Texture	A	B	C	D	E	SENCOR SOLUPAK (lbs./acre)	Canopy (oz./Acre)
<b>COARSE<sup>1</sup></b>	1	1 1/2	1 1/2	2 1/2	1 1/2	1/2	3
<b>MEDIUM</b>	1/2	1	1 1/2	2 1/2	1 1/2	1/2 to 1	3
<b>FINE</b>	1/2	1	1 1/2	2 1/2	1 1/2	1/2 to 1	3 to 4

<sup>1</sup> Do not use on soils with a pH greater than 7.0.

<sup>2</sup> Refer to "Soil Texture" paragraph on this label for specific soil classification.

<sup>3</sup> Use the lower rate of SENCOR SOLUPAK in preplant incorporated tank mix in those situations where soils within a field vary extremely in texture or organic matter content.

Refer to the "General Information" section of this label for mixing and application directions.

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**IMPORTANT:** If weeds escape in fields treated with these tank mix combinations, postemergence application of a registered and recommended herbicide will be needed for control.

**SPECIAL PRECAUTIONS:** For additional precautions, restrictions, limitations and sprayer clean up information, refer to the appropriate sections of the labels for SENCOR SOLUPAK and Command 4EC.

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

Do not use treated vines or feed or forage.

### SENCOR PLUS COMMAND PLUS A GRASS HERBICIDE

SENCOR SOLUPAK may be applied with Command 4EC and a grass herbicide (Treflan, Lasso, Dual, Prowl or Sonalan) for the control of certain broadleaf weeds and grasses in soybeans. This combination will provide improved control of heavy infestations of velvetleaf, jimsonweed and common ragweed. SENCOR SOLUPAK and Command 4EC plus a grass herbicide may be applied preplant incorporated broadcast. Consult the Command, 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:**

Annual Grasses	
Barnyardgrass	Foxtails
Bluegrass	Goosegrass
Broadleaf signalgrass	Johnsongrass (seedling)
Browntop millet	Panicum, Fall
Crabgrass	Witchgrass
Crowfootgrass	
Annual Broadleaves	
Bristly Starbur	Ragweed, Common
Carpetweed	Redweed
Copperleaf, Hophornbeam	Russian Thistle
Florida Beggarweed	Sesbania
Florida Pusley	Shepherdspurse
Galinsoga	Sicklepod
Jimsonweed	Smartweeds
Knotweed	Spotted spurge
Kochia	Spurred Anoda
Lambsquarters	Velvetleaf
Pigweeds	Venice mallow
Prickly Sida/Teaweed	Wild mustards
Purslane	

SENCOR SOLUPAK and Command plus Treflan, Lasso, Dual, Prowl or Sonalan will suppress the competition of heavy weed infestations.

#### RECOMMENDED APPLICATIONS SENCOR plus Command plus a Grass Herbicide (Broadcast Rates)

Soil Texture	SENCOR SOLUPAK (lbs/acre)					Command 4EC (pts/acre)
	A	B	C	D	E	
COARSE	1.0	1.0	1.0	1.0	1.0	1.0
MEDIUM	1.0	1.0	1.0	1.0	1.0	1.0
FINE	1.0	1.0	1.0	1.0	1.0	1.0

Refer to Soil Texture paragraph on this label for specific soil texture information. In coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, the application rate of SENCOR SOLUPAK should be reduced to 0.5 lbs/acre. The application of SENCOR SOLUPAK plus Command plus a grass herbicide will be most effective on soils having a calcareous surface area or a pH of 7.5 or higher and in those situations where soil with a fine to medium texture or high moisture content.

\* Higher rate is recommended under moderate to heavy weed infestation.

### SENCOR PLUS COMMENCE® SENCOR PLUS COMMENCE TANK MIX EARLY PREPLANT INCORPORATED

SENCOR SOLUPAK in a tank mix with Commence 525 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 SOLUPAK, refer to the "General Information" section on this label.

**RECOMMENDED APPLICATIONS**  
**SENCOR Plus Commence Tank Mix**  
**Early Preplant Incorporated Application**  
**(Broadcast Rates)**

SOIL TEXTURE	1/2 to 3% Organic Matter		Over 3% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Commence 5.25 EC Pts./Acre	SENCOR SOLUPAK Lbs./Acre	Commence 5.25 EC Pts./Acre
COARSE <sup>1</sup>	1/2	1 1/2 to 2	1/2	1 1/2 to 2
MEDIUM	1/2	2 to 2 1/2	1/2	2 to 2 1/2
FINE	1/2	2 1/2	1	2 1/2

<sup>1</sup> For use on soils with a pH of 7.5 or lower

<sup>2</sup> 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.

**SENCOR PLUS COMMENCE TANK MIX PREPLANT INCORPORATED**

SENCOR SOLUPAK may be tank mixed with Commence 5.25 EC for preplant incorporated application to control certain weeds in soybeans. Refer to the "General Information" section of this label for information on mixing, application, restrictions, special precautions and weeds controlled by SENCOR SOLUPAK. See appropriate sections of the Commence 5.25 EC herbicide label for additional precautionary statements, directions for use, recommendations, restrictions and additional weeds controlled.

**RECOMMENDED APPLICATIONS**  
**SENCOR Plus Commence Tank Mix Preplant**  
**Incorporated Application**  
**(Broadcast Rates)**

SOIL TEXTURE <sup>1</sup>	1/2 to 3% Organic Matter		Over 3% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Commence 5.25 EC Pts./Acre	SENCOR SOLUPAK Lbs./Acre	Commence 5.25 EC Pts./Acre
COARSE <sup>2</sup> Silt loam silty loam	1/2	1 to 2	1/2	1 to 2
MEDIUM Loam silt loam silt sandy loam sandy clay loam	1 to 1 1/2	2 to 2 1/2	1 to 1 1/2	2 to 2 1/2
FINE Silt clay silty clay loam clay clay clay	1 to 1 1/2	2 1/2	1 to 1 1/2	2 1/2

<sup>1</sup> Crop injury may occur on soils having a calcareous surface area or a pH of 7.1 or higher.

<sup>2</sup> Do not use on coarse soils with less than 1% organic matter.

<sup>3</sup> 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 Commence):** 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.

Do not apply when weather conditions favor drift  
 Do not use treated vines for feed or forage  
 Do not apply aerially or through irrigation equipment  
 Do not allow sprays to drift on to adjacent desirable plants  
 Observe all cautions and limitations on labeling of all products used in mixtures

### SENCOR PLUS FREEDOM®

SENCOR SOLUPAK may be tank mixed with Freedom 3 EC for preplant or preemergence application to control certain weeds in soybeans. Refer to the "General Information" section of this label for information on mixing, application, restrictions, special precautions and weeds controlled by SENCOR SOLUPAK. See appropriate sections of the Freedom 3 EC herbicide label for additional precautionary statements, directions for use, recommendations, restrictions and additional weeds controlled.

#### RECOMMENDED APPLICATIONS SENCOR plus Freedom (Tank Mix Preplant Incorporated) (Broadcast Rates)

SOIL TEXTURE	1/2 to 3% Organic Matter		Greater than 3% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Freedom 3 EC Ozs./Acre	SENCOR SOLUPAK Lbs./Acre	Freedom 3 EC Ozs./Acre
<b>COARSE<sup>1</sup></b> (Sandy loam)	1/2	+ 2% to 3 1/2	1/2	+ 3 to 3 1/2
<b>MEDIUM<sup>2</sup></b> (Loam, silt loam, silt sandy clay, sandy clay loam)	1/2	+ 2 1/2 to 3 1/2	1/2	+ 3 to 4
<b>FINE<sup>3</sup></b> (Silty clay, silty clay loam, clay, clay loam)	1/2	+ 3% to 4	1/2 to 1	+ 3 to 4 1/2
<b>Mississippi Delta Only</b> (Silty clay to heavy clay)	SENCOR SOLUPAK Lbs./Acre + Freedom 3 EC Ozs./Acre 1/2 + 3 to 4 1/2			

- 1 Do not use SENCOR plus Freedom on sand or heavy sand soils with less than 2% organic matter.
  - 2 For control of lambsquarters, redroot pigweed, wild mustard, greenleaf yellow top, and other weeds in Minnesota, Nebraska, South Dakota and North Dakota only apply SENCOR plus Freedom at rates of 1/2 per acre. Do not use on soils with 10 to 15 percent organic matter. Do not use on soils with 16 to 20 percent organic matter when soil pH is less than 7.0. There may be some injury to soybeans on soils with 16 to 20 percent organic matter. The product analysis of SENCOR plus Freedom is 1/2 per acre with Freedom 3 EC broadcast incorporated or applied preemergence. Do not use on soils with 21 to 25 percent organic matter. Do not use on soils with 26 to 30 percent organic matter. Do not use on soils with 31 to 35 percent organic matter. Do not use on soils with 36 to 40 percent organic matter. Do not use on soils with 41 to 45 percent organic matter. Do not use on soils with 46 to 50 percent organic matter. Do not use on soils with 51 to 55 percent organic matter. Do not use on soils with 56 to 60 percent organic matter. Do not use on soils with 61 to 65 percent organic matter. Do not use on soils with 66 to 70 percent organic matter. Do not use on soils with 71 to 75 percent organic matter. Do not use on soils with 76 to 80 percent organic matter. Do not use on soils with 81 to 85 percent organic matter. Do not use on soils with 86 to 90 percent organic matter. Do not use on soils with 91 to 95 percent organic matter. Do not use on soils with 96 to 100 percent organic matter.
  - 3 Do not use on soils with 10 to 15 percent organic matter.
- DO NOT USE ON MUCK SOILS**  
Do not allow sprays to drift on to adjacent desirable plants.  
Observe all cautions and limitations on the labeling of all products used in mixtures.

### SENCOR PLUS SCEPTER PLUS A GRASS HERBICIDE

SENCOR SOLUPAK 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 plus Scepter plus Treflan or Sonalan may be applied preplant or preemergence. SENCOR plus Lasso, Dual or Prowl may be applied preplant incorporated or preemergence broadcast or preplant 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 SOLUPAK plus Scepter plus Treflan, Lasso, Dual, Prowl or Sonalan will control the following broadleaf weeds and grasses:

#### Annual Grasses

- |                       |                        |
|-----------------------|------------------------|
| Barnyardgrass         | Foxtails               |
| Bluegrass             | Goosegrass             |
| Broadleaf signalgrass | Johnsongrass (seeding) |
| Browntop millet       | Panicum, Fall          |
| Crabgrass             | Witchgrass             |
| Crowfootgrass         |                        |

#### Annual Broadleaves

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

SENCOR SOLUPAK and Scepter plus Treflan, Lasso, Dual, Prowl or Sonalan will suppress or reduce the competition of Lythrum and other morningglory and reduce

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**RECOMMENDED APPLICATIONS**  
**SENCOR plus Scepter plus a Grass Herbicide Tank Mix**  
**(Broadcast Rates)**

- A - Treflan (pt/acre)
- B - Dual (pt/acre)
- C - Prowl (pt/acre)
- D - Lasso (qt/acre)
- E - Sonalan (pt/acre)

Soil Texture	SENCOR SOLUPAK (lbz/acre)					Scepter (15 lb gal formulation) or 70 DG (lbz/acre)	
	A	B	C	D	E	1	2
COARSE	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1
MEDIUM	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1
FINE	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1

\* Refer to "Soil Texture" paragraph on this label for specific soil classification. On coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, do not use on loamy sand or sandy loam soils with less than 1% organic matter.  
 † The higher rate of SENCOR SOLUPAK is recommended for pre-emergence tank mix application and for the control of sicklepod and hemp sesbania. Use the lower rate of SENCOR SOLUPAK in the preplant incorporated tank mix on soils having a calcareous surface area or a pH of 7.5 or higher, and in those situations where soils within a field vary extremely in texture or organic matter content.  
 ‡ Higher rate is recommended under moderate to heavy weed infestations.

**SENCOR PLUS PURSUIT® AND A GRASS HERBICIDE**

SENCOR SOLUPAK may be tank mixed with Pursuit herbicide to control and prevent grass weeds in corn, soybean, sorghum, and cotton. Pursuit herbicide is a pre-emergence herbicide that controls and prevents grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK is a pre-emergence herbicide that controls and prevents grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK and Pursuit herbicide may be tank mixed for pre-emergence control of grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK and Pursuit herbicide may be tank mixed for pre-emergence control of grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK and Pursuit herbicide may be tank mixed for pre-emergence control of grass weeds in corn, soybean, sorghum, and cotton.

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

**RECOMMENDED APPLICATIONS**  
**SENCOR plus Pursuit and a Grass Herbicide\***  
**(Broadcast Rates)**

Soil Texture	SENCOR SOLUPAK (lbz/A)	Pursuit (lbz/A)
COARSE	1.4 to 2.1	4
MEDIUM	1.4 to 2.1	4
FINE	1.4 to 2.1	4

\* For control of grass weeds, include Dual, Lasso, Prowl, Sonalan or Treflan at label rates in the tank mix with SENCOR SOLUPAK 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 or 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 SOLUPAK may be tank mixed with Pursuit herbicide to control and prevent grass weeds in corn, soybean, sorghum, and cotton. Pursuit herbicide is a pre-emergence herbicide that controls and prevents grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK is a pre-emergence herbicide that controls and prevents grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK and Pursuit herbicide may be tank mixed for pre-emergence control of grass weeds in corn, soybean, sorghum, and cotton. SENCOR SOLUPAK and Pursuit herbicide may be tank mixed for pre-emergence control of grass weeds in corn, soybean, sorghum, and cotton.

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

**RECOMMENDED APPLICATIONS**  
**SENCOR plus Pursuit Plus Herbicide**  
**(Broadcast Rates)**

Soil Texture	SENCOR SOLUPAK (lb. A)	Pursuit Plus (pts./A)
COARSE	1.3	2.12
MEDIUM	2.5 to 1.2	2.12
FINE	1.2 to 2.3	2.12

**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.

**SENCOR PLUS SURFLAN**

SENCOR SOLUPAK may be used in a tank mix combination with Surflan A S as a preemergence application to control weeds in soybeans in accordance with the specified soil types and dosages recommended. Consult the Surflan label for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.

**Mixing Instructions:** Refer to the "General Information" section in the front of this label.

**Application:** Apply within 2 days after planting but before crop emergence.

A one-half inch (or more) of its equivalent in overhead irrigation is needed to activate the herbicide combination. If a one-half inch rain will not occur within 7 days after application, incorporate the herbicide combination into the top one inch of the soil with a ground driven rotary hoe, a rotary cultivator, or a similar implement that will not damage soybean plants. Cultivation will control emerging annual weeds and grasses and increase herbicide effectiveness. If heavy tankage the rotary hoe will break the crust and aid soybean emergence.

For use, formulation and application refer to the "General Information" section in the front of this label.

**RECOMMENDED APPLICATIONS**  
**SENCOR plus Surflan Tank Mix**  
**(Broadcast Rates)**

Soil Texture	SENCOR SOLUPAK Pounds Per Acre	Surflan A S Quarts Per Acre
COARSE	1.3	2.12
MEDIUM	2.5 to 1.2	2.12
FINE	1.2 to 2.3	2.12
Mississippi Delta Only	1.2 to 2.3	2.12

SENCOR SOLUPAK is sold with wettable granules. Surflan A S is sold in liquid form.

For use, formulation and application refer to the "General Information" section in the front of this label.

**SPECIAL PRECAUTIONS (SENCOR plus Surflan):** Do not plant soybeans for 12 months following application.

Do not contaminate any body of water nor apply to any area not specified on the label.

For additional precautions, restrictions, limitations, and sprayer cleanup information, refer to the appropriate section of this label and the Surflan A S label.

## SENCOR PLUS AMIBEN

SENCOR SOLUPAK may be applied in a tank mix combination with Amiben 2 as a band or broadcast application to soybeans.

### RECOMMENDED APPLICATIONS SENCOR plus Amiben Tank Mix Preemergence (Broadcast Rates)

SOIL TEXTURE	1/2 to 3% Organic Matter		Greater than 3% Organic Matter	
	SENCOR SOLUPAK Lbs./Acre	Amiben 2 Gal./Acre	SENCOR SOLUPAK Lbs./Acre	Amiben 2 Gal./Acre
<b>COARSE</b> <sup>1</sup> (Sandy loam loamy sand)	1/2	+ 1/4 to 1	1/2	+ 1/4 to 1
<b>MEDIUM</b> (Loam, silt loam, silty sandy clay, sandy clay loam)	1/2	+ 1/4 to 1	3/4	+ 1 to 1 1/4
<b>FINE</b> (Silty clay silty clay loam <sup>2</sup> , clay, clay loam)	3/4	+ 1 to 1 1/4	3/4 to 1	+ 1 to 1 1/4
<b>Mississippi Delta Only</b> (Silty clay to heavy clay)	SENCOR SOLUPAK Lbs./Acre + Amiben 2 Gal./Acre 1 1/2 + 1 1/2			

<sup>1</sup> Do not use on sandy loam or loamy sand soils with less than 2% organic matter. Do not use on sand soils.

<sup>2</sup> Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Do not use on muck soils.

Where a rate range is specified, use the higher rate in fields with a history of intense weed pressure. See "Rate Ranges" in the front of the "Soybeans" section on this label.

For additional precautions and information regarding spray equipment, mixing, application, limitations and restrictions refer to the appropriate section of this label and the Amiben label.

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## SENCOR PLUS LINURON PLUS LASSO OR DUAL

### SENCOR plus Linuron plus (Lasso or Dual) Tank Mix

SENCOR SOLUPAK 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.

### RECOMMENDED APPLICATIONS SENCOR plus Linuron plus Lasso or Dual (Broadcast Rates) (0.5 to 3% Organic Matter Only)

Soil Texture	SENCOR SOLUPAK Lbs./Acre	linuron 50 DF (lb./Acre) or 4 L (pts./Acre)	Lasso 4 or Dual 8 EC Oz./Acre Pt./Acre
<b>COARSE</b> <sup>1</sup> (Sandy loamy sand loamy sand)	1/2 to 3/4	1/2 to 1/2	3/4 to 1 or 1 to 1 1/4
<b>MEDIUM</b> (Loam, silt loam, silty sandy clay, sandy clay loam)	3/4 to 1	3/4 to 1	1 to 1 1/2 or 1 1/4 to 1 1/2
<b>FINE</b> (Silty clay, silty clay loam <sup>2</sup> , clay, clay loam)	1 to 1 1/2	1 to 1 1/2	1 1/4 to 2 or 1 1/2 to 2

<sup>1</sup> Do not use SENCOR SOLUPAK plus linuron plus Lasso or Dual on sand soils with less than 1% organic matter.

<sup>2</sup> 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, Lasso or Dual labels.

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## FOR USE IN COARSE (LIGHT) SOILS

In Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia.

SENCOR herbicide is recommended alone or in combination with Treflan, Lasso, Dual, Sulfan or Amiben for use in coarse textured, low organic matter soils in the states listed above for the control of certain weeds in soybeans. Refer to the appropriate sections of this label and the Treflan, Lasso, Dual, Sulfan or Amiben 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:** For specific application information refer to the "General Information" section in the front of this label.

### RECOMMENDED APPLICATIONS SENCOR (Alone) Preemergence Application (Broadcast Rates)

Soil Texture	Organic Matter	SENCOR SOLUPAK Lbs/Acre
COARSE (LIGHT) SOILS	1.5 - 2.5	1.5 - 2.0

The above table is intended to be used with the following information. For more specific information, refer to the appropriate sections of this label.

**SENCOR in Combination with Other Herbicides:** SENCOR SOLUPAK is recommended in tank mix combination with Treflan as a preplant incorporated application or as a preemergence overlay application following a preplant incorporated application of Treflan. SENCOR SOLUPAK is also recommended for use as a preemergence application in combination with Dual, Sulfan or Amiben.

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### RECOMMENDED APPLICATIONS SENCOR in Combination with Other Herbicides (Broadcast Rates)

Soil Texture	Organic Matter	Combination Product/Acre	Plus SENCOR SOLUPAK Lbs/Acre
COARSE (LIGHT) SOILS	1.5 - 2.5	Preplant Incorporated	1.5 - 2.0
		Preemergence	1.5 - 2.0

The above table is intended to be used with the following information. For more specific information, refer to the appropriate sections of this label.

**Special Precautions:** Do not use on sand soils with less than 1% organic matter, or on sandy loam or loamy sand soils with less than 0.5% organic matter.

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

## FOR CONTACT ACTION AND RESIDUAL CONTROL

For Control of Emerged Annual Broadleaf Weeds and Grasses and For Suppression of Emerged Perennials Where Soybeans Will Be Planted Directly into a Preferred Bed, Cover Crop or in Previous Crop Residues as in "Minimum Till" or "No-Till" Crop Production.

### SENCOR PLUS GRAMOXONE

#### SENCOR PLUS GRAMOXONE TANK MIX APPLICATION

Apply 1 1/2 to 2 1/2 pints of Gramoxone Super plus to 1 1/2 pounds of SENCOR SOLUPAK according to the recommendations for SENCOR SOLUPAK on this label as a broadcast ground spray before, during or after planting but prior to emergence of the crop. Soybeans exposed at time of application will be injured. Use the higher rate of Gramoxone for heavy infestations of tall weeds (4 to 6 inches tall). Apply in 20 to 60 gallons spray per acre. Use the higher volume in fields with heavy weed infestations or with large amounts of previous crop residue. Use Ultra-X 22 Spreader or similar non-spike spreader at 1 quart per 100 gallons of diluted spray. This mixture will not control weeds taller than 6 inches.

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## SENCOR PLUS LASSO AND GRAMOXONE

### SENCOR PLUS LASSO AND GRAMOXONE TANK MIX APPLICATION:

Apply 1½ to 2½ pints of Gramoxone Super plus 2 to 2½ quarts of Lasso 4 EC plus ¼ to 1½ pounds SENCOR SOLUPAK as a pre-emergence broadcast ground spray. Use the higher rate of Gramoxone for weeds 4 to 6 inches tall. Soybeans exposed at time of application will be killed. Refer to the appropriate section of this label and the Gramoxone and Lasso labels for rates which are dependent upon soil textures, directions, limitations and cautions.

Apply in 20 to 60 gallons spray mix per acre. Use the higher volume in fields with heavy weed infestations or with large amounts of previous crop residues. Add Ortho X-77 Spreader or similar non-ionic spreader at 8 fl. ounces per 100 gallons of diluted spray. Add SENCOR SOLUPAK to the spray tank first and mix thoroughly. Then add Lasso followed by Gramoxone and X-77 Spreader. Constant agitation is recommended at all times. This tank mix will not control shattercane which emerges after treatment or other weeds taller than 6 inches.

## SENCOR PLUS SURFLAN AND GRAMOXONE

### SENCOR PLUS SURFLAN AND GRAMOXONE TANK MIX APPLICATION:

The combination provides control of weeds and grasses which are emerged at the time of application plus many weeds and grasses which may germinate after planting. Soybeans exposed at time of application will be killed.

**Weeds Controlled by Gramoxone:** Gramoxone will kill emerged annual broadleaf weeds and grasses and provide top kill of perennials.

**When to Apply:** Apply the tank mix at planting or within 2 days after planting. Do not spray over top of emerged soybeans.

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### RECOMMENDED APPLICATIONS SENCOR plus Surflan and Gramoxone Tank Mix Preemergence (Broadcast Rates)

Soil Texture	SENCOR SOLUPAK	Surflan AS	Gramoxone Super
Light	1.0	1.0	2.0
Medium	1.0	1.0	2.0
Heavy	1.0	1.0	2.0

1½ pints of the tank mix per acre with less than 1 inch of rain.

2½ pints of the tank mix per acre with more than 1 inch of rain.

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

Add Ortho X-77 or similar non-ionic spreader at 8 fl. ozs. per 100 gallons of diluted spray mixture.

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

A one-half inch rain or more or its equivalent in overhead irrigation is needed to activate the herbicide combination.

**SPECIAL PRECAUTIONS (SENCOR plus Surflan and Gramoxone):** Poor weed control and/or crop injury may result if directions are not followed.

Do not use a rib type press wheel on your no-till planter or crop injury may result.

For additional precautions, special precautions, restrictions, limitations and sprayer cleanup information, refer to the appropriate section of this label and the Surflan and Gramoxone labels.

## SENCOR PLUS 2,4-D LOW VOLATILE ESTER

SENCOR SOLUPAK alone or in combination with Dual, Lasso, Surflan or Prowl may be applied with 2,4-D low volatile ester as an early preplant surface application for the control of certain broadleaf weeds and grasses in soybeans in minimum or no-till production. Application is recommended 30 days prior to planting. Apply 1 pound active ingredient (a.i.) per acre of 2,4-D low volatile ester with labeled rates of SENCOR SOLUPAK. Where a grass herbicide is used in the tank mix, apply at the rates specified on that product's label.

Refer to this label and the 2,4-D low volatile ester, Dual, Lasso, Surflan and Prowl labels for weeds controlled, precautions, restrictions, limitations and sprayer cleanup information.

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## SOUTHERN AND SOUTHEASTERN STATES ONLY

### POSTEMERGENCE DIRECTED SPRAY APPLICATIONS:

SENCOR SOLUPAK can be applied in postemergence directed sprays to soybeans for control of certain weeds which escape preplant or preemergence herbicide applications and for control of additional flushes of weeds that may occur after soybeans have emerged. Postemergence directed sprays of SENCOR SOLUPAK can be applied to soybeans in addition to a preemergence or preplant application of SENCOR SOLUPAK according to label directions.

**Weeds Controlled:** SENCOR SOLUPAK applied postemergence to soybeans as a directed spray according to directions on this label will control the following at rates shown (broadcast basis) when grasses and common ragweed are less than 1 inch tall and other broadleaves are less than 3 inches tall:

$\frac{1}{2}$ pound/acre	
Florida beggarweed ( <i>Desmodium tortuosum</i> )	Purslane ( <i>Portulaca oleracea</i> )
Carpetweed ( <i>Mollugo verticillata</i> )	Sicklepod ( <i>Cassia obtusifolia</i> )
Cocklebur ( <i>Xanthium pensylvanicum</i> )	Velvetleaf ( <i>Abutilon theophrasti</i> )
Dayflower ( <i>Commelina spp.</i> )	Pigweeds ( <i>Amaranthus spp.</i> )
Mexicanweed ( <i>Cyperus castanifolia</i> )	Crabgrass ( <i>Digitaria spp.</i> )
$\frac{1}{2}$ to $\frac{2}{3}$ pound/acre	
Sesbania ( <i>Sesbania spp.</i> )	$\frac{2}{3}$ pound/acre
Prickly sida: Teaweed ( <i>Sida spinosa</i> )	Ragweed, common ( <i>Ambrosia artemisiifolia</i> )

At the rate of  $\frac{2}{3}$  pound, acre morningglory species (*Ipomoea spp.*) horsenettle (*Solanum spp.*) Florida pusley (*Richardia scabra*) spotted spurge (*Euphorbia maculata*) and wild pansy (*Euphorbia heterophylla*) are suppressed when SENCOR SOLUPAK is applied before these weeds are 3 inches tall. The  $\frac{1}{2}$  pound, acre rate will suppress broadleaf signalgrass (*Bracharia platyphylla*) up to 1 inch tall.

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### RECOMMENDED APPLICATIONS

CROP	SENCOR SOLUPAK Pounds Per Acre	REMARKS
		<p>Apply at the rate of <math>\frac{1}{2}</math> pound per acre when weeds are less than 1 inch tall. For the control of weeds less than 3 inches tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre. For the control of weeds less than 1 inch tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre.</p> <p>For the control of weeds less than 1 inch tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre. For the control of weeds less than 3 inches tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre.</p> <p>For the control of weeds less than 1 inch tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre. For the control of weeds less than 3 inches tall, apply at the rate of <math>\frac{1}{2}</math> to <math>\frac{2}{3}</math> pound per acre.</p>

**SPECIAL PRECAUTIONS (Directed Postemergence):** Do not apply directly to soybeans or serious crop injury will occur. Do not allow spray to contact more than the lower 4 to 5% of soybean plants. Soybean leaves contacted by the spray will be killed.

Do not apply SENCOR SOLUPAK postemergence to sensitive soybean varieties. See "Special Precautions" in the front of this label.

To avoid injury to other crops or desirable plants from spray drift, sprayer pressure must not exceed 30 psi and the sprayer must be fitted with nozzles no smaller than R002 T Jet (or equivalent). Do not apply under weather conditions which favor drift.

### POTATOES

SENCOR herbicide is recommended for use in ground or aircraft spray equipment as a preemergence and/or postemergence application to potatoes. Postemergence applications may be made only on russet, red or white skinned potato varieties that are not early maturing. For optimum control of weeds in potatoes apply SENCOR SOLUPAK before weeds are 1 inch tall. Refer to "Special Precautions" for potatoes for additional information.

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**Ground Application:** SENCOR SOLUPAK is recommended for use with ground spray equipment except air blast sprayers as a preemergence and or postemergence application for control of certain grass and broadleaf weeds in potatoes. Apply as a broadcast spray after planting and before crop emergence or after drag off if this operation is part of the normal cultural practice. Postemergence applications should be applied after crop emergence.

**Aerial Application:** SENCOR SOLUPAK is recommended for use in aerial spray equipment as a preemergence and or postemergence application for control of certain grass and broadleaf weeds in potatoes. Apply as a broadcast spray after planting and before crop emergence or after drag off if this operation is part of the normal cultural practice. Postemergence applications should be applied after crop emergence.

**PREEMERGENCE**

**Weeds Controlled:** SENCOR SOLUPAK, applied preemergence to potatoes according to directions, will effectively control:

**Broadleaves:**

- |                                                       |                                                               |
|-------------------------------------------------------|---------------------------------------------------------------|
| Carpetweed<br>( <i>Mollugo verticillata</i> )         | Shepherd's purse<br>( <i>Capisella bursa-pastoris</i> )       |
| Cocklebur<br>( <i>Xanthum pensylvanicum</i> )         | Sicklepod<br>( <i>Cassia obtusifolia</i> )                    |
| Jimsonweed<br>( <i>Datura stramonium</i> )            | Smartweed, Pennsylvania<br>( <i>Polygonum pensylvanicum</i> ) |
| Lambsquarters<br>( <i>Chenopodium album</i> )         | Wild Mustards<br>( <i>Brassica spp</i> )                      |
| Pigweeds<br>( <i>Amaranthus spp</i> )                 |                                                               |
| Ragweed, Common<br>( <i>Ambrosia artemisiifolia</i> ) |                                                               |

**Grasses:**

- |                                                           |                                                       |
|-----------------------------------------------------------|-------------------------------------------------------|
| Broadleaf Signalgrass<br>( <i>Bracharia platyphylla</i> ) | Johnsongrass, Seeding<br>( <i>Sorghum halepense</i> ) |
| Crabgrass<br>( <i>Digitaria spp</i> )                     | Panicum Fall<br>( <i>Panicum dichotomiflorum</i> )    |
| Footfalls<br>( <i>Setaria spp</i> )                       |                                                       |

**For Control of Wild Mustard (*Brassica spp*) in Potatoes (Except California):** Apply at the rate of 1 to 1 1/2 pounds per acre as a preemergence broadcast spray using aerial or ground spray equipment in accordance with directions on this label. Application should be made at or near ground crack and or before the mustard is one inch tall. For control of mustard larger than 2 inches in diameter or other weeds listed on the label, a minimum of 1 1/2 pounds per acre must be used. When less than 1 1/2 pounds per acre is used, a postemergence application in accordance with directions on this label may be required for control of other weeds or other germinating weed species.

**Hard To Control Weeds:** Although SENCOR SOLUPAK applied preemergence 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:**

- Field bindweed
- Wild radish

**Grasses:**

- Barnyardgrass
- Common foxtail
- Crabgrass
- Johnsongrass
- Setaria spp

**POSTEMERGENCE**

**Weeds Controlled:** SENCOR SOLUPAK, applied early postemergence to potatoes according to directions, will effectively control:

**Broadleaves:**

- |                                                       |                                                               |
|-------------------------------------------------------|---------------------------------------------------------------|
| Cocklebur<br>( <i>Xanthum pensylvanicum</i> )         | Ragweed, Common<br>( <i>Ambrosia artemisiifolia</i> )         |
| Lambsquarters<br>( <i>Chenopodium album</i> )         | Russian thistle<br>( <i>Salsola kali</i> )                    |
| Pigweed, Redroot<br>( <i>Amaranthus retroflexus</i> ) | Smartweed, Pennsylvania<br>( <i>Polygonum pensylvanicum</i> ) |

**Grasses:**

- Footfalls  
(*Setaria spp*)

On medium and fine soils in Idaho, Oregon and Washington, two postemergence applications, each at the rate of 1 1/2 pounds per acre, will control barnyardgrass (*Echinochloa crus-galli*), Kochia (*Kochia scoparia*), sunflower (*Helianthus spp*) and Jim Hill mustard (*Sisymbrium altissimum*) in addition to weeds listed above.

**Hard To Control Weeds:** Although SENCOR SOLUPAK applied early postemergence 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:**

- Kochia  
(*Kochia scoparia*)
- Sunflower  
(*Helianthus spp*)

**Grasses:**

- Barnyardgrass  
(*Echinochloa crus-galli*)

**RECOMMENDED APPLICATIONS  
(Broadcast Rates)**

CROP	SENCOR SOLUPAK Pounds Per Acre	REMARKS
Potatoes	1/2 to 1 1/2	<b>PREEMERGENCE:</b> Apply specified dosage per acre as a broadcast spray to the soil surface after planting and before crop emergence or after drag of this operation's part of normal cultural practice. Distribute the chemical evenly over the area to be treated. Do not incorporate into soil. Use the lower rate on sandy soils.
Potatoes (russeted or white skinned varieties that are not early maturing)	1/2 to 2 1/2	<b>POSTEMERGENCE:</b> Apply specified dosage per acre as a broadcast spray over the tops of potato plants. Use rates of 1/2 to 1 1/2 lb. for control of redroot pigweed and lambsquarters only. Apply the 2 1/2 lb. rate for control of other weeds listed on this label. Do not apply within 60 days of harvest. <b>SPLIT APPLICATIONS:</b> This product may be applied once preemergence and once post-emergence as directed above. Do not apply postemergence within 60 days of harvest. <b>IDAHO, OREGON AND WASHINGTON ONLY:</b> Two postemergence applications can be made as broadcast sprays over the tops of potato plants if SENCOR is not applied preemergence. Use 1/2 to 1 1/2 pound/acre for control of redroot pigweed and lambsquarters only. On coarse (sandy) soils with low organic matter do not exceed 1 pound/acre per application. On the plain and heavy soils only use 1/2 pound/acre for control of other weeds listed on this label. Make the first application early in the season when weeds are still small. Allow at least 14 days before the second application. For applications made early, before weeds are fully set, do not apply after the 30th harvest and do not be a field crop other than potatoes. Do not apply within 60 days of harvest.

Refer to Special Precautions - Potatoes Section

**SPRINKLER IRRIGATION APPLICATION TO POTATOES.**

SENCOR SOLUPAK may be applied early postemergence to potatoes through center pivot, permanent solid set, or self-propelled lateral move irrigation systems as directed on this label. Refer to Chemical section of this label for directions.

**RECOMMENDED APPLICATIONS**

CROP	SENCOR SOLUPAK Pounds Acre	REMARKS
Potatoes (russeted or white skinned varieties that are not early maturing)	1/2 to 2 1/2	<b>POSTEMERGENCE IN SPRINKLER IRRIGATION:</b> Apply specified dosage per acre through center pivot, permanent solid set, or self-propelled lateral move irrigation systems as directed on this label. Refer to Chemical section of this label for directions. Do not apply within 60 days of harvest.

Do not apply after wind speed favors drift, after sunset, or during rain. Do not apply if there is a possibility of frost or if there is a possibility of rain within 24 hours of application.

**SENCOR PLUS DUAL TANK MIX APPLICATION  
(Except California)**

SENCOR SOLUPAK may be applied in a tank mix combination with Dual 8E as a preemergence broadcast application to potatoes. Apply SENCOR SOLUPAK at 1/2 to 1 1/2 pounds and Dual 8E at 1.5 to 3 pints per acre according to the respective labels for use of each product alone on potatoes. Refer to appropriate sections of this label and the Dual label for precautionary statements, restrictions, application information and weeds controlled.

**SENCOR PLUS PROWL TANK MIX APPLICATION  
(Except California)**

SENCOR SOLUPAK may be applied in a tank mix combination with Prowl as a preemergence broadcast application to potatoes. Apply SENCOR SOLUPAK at 1/2 to 1 1/2 pounds and Prowl at 1 to 3 pints per acre according to the respective labels for use of each product alone on potatoes. Refer to the appropriate sections of this label and the Prowl label for precautionary statements, restrictions, application information and weeds controlled.

**SPECIAL PRECAUTIONS (Potatoes)**

**Do Not Use SENCOR SOLUPAK on Potatoes in Kern County California**

Do not apply more than 1 1/2 pounds of SENCOR SOLUPAK per acre in a single application against a total amount of 5 1/2 pounds. Do not apply within 24 hours of application of other pesticides.

postemergence within 2 days after periods of cool, wet weather. If weather conditions may be unfavorable, postemergence applications may cause some chlorosis and leaf necrosis.

In addition to early maturing smooth skinned white and red skinned varieties of potatoes, postemergence applications of SENCOR SOLUPAK are not recommended on Atlantic, Shepody, Chip Bell, Redcrop and Genterma varieties. Preemergence applications to these varieties may cause crop injury, especially under adverse weather conditions and when higher rates are used.

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 applications of SENCOR or injury may occur.

## ALFALFA AND SAINFOIN

SENCOR herbicide is recommended for use in 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 (Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Texas, and Wisconsin only)
- 5 Alfalfa — Non Dormant, Non Winter Hardy Varieties (Arizona only)

SENCOR SOLUPAK 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 broad leaf weeds.

**Application:** Refer to "General Information" in the front of this label for detailed information on the application of SENCOR SOLUPAK. For information on applying SENCOR SOLUPAK on dry fertilizer refer to the Commercial Impregnation and Application of SENCOR SOLUPAK On Dry Bulk Fertilizer under the "General Information" section in the front of this label.

**SPECIAL PRECAUTIONS:** Use SENCOR SOLUPAK only on established alfalfa and sainfoin. Do not apply SENCOR SOLUPAK 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 20 days after application.

For best weed control, apply SENCOR SOLUPAK when weeds are less than 2 inches tall or the weed tolerance is 2 inches and shorter.

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For best weed control, apply SENCOR SOLUPAK when weeds are less than 2 inches tall or the weed tolerance is 2 inches and shorter.

- 1 Do not graze or harvest within 20 days after application.
- 2 For best weed control, apply SENCOR SOLUPAK when weeds are less than 2 inches tall or the weed tolerance is 2 inches and shorter.
- 3 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 4 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 5 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 6 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 7 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 8 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 9 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.
- 10 Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.

## ALFALFA AND SAINFOIN

(All Areas except California)

### RECOMMENDED APPLICATIONS (Broadcast Rates)

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Alfalfa (All Areas except California)	1.5 to 2.0	Use the proper dosage according to weed tolerance. Do not exceed the tolerance level. Do not apply SENCOR SOLUPAK to alfalfa or sainfoin in mixed stands with grasses unless specifically recommended on this label.

**FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES:** Refer to the label of SENCOR SOLUPAK for a complete list of weeds controlled. Higher rates may be used to reduce grass stands to prevent seedling in alfalfa. Higher rates will severely reduce forage grass stands.

SENCOR SOLUPAK should not be used on land areas in alfalfa, wheat or other crops. Mountain and using SENCOR herbicide with calcium is suitable area for the application of a pH greater than 6.2.

#### Weeds Controlled:

- 1.5 to 2.0 pound SENCOR SOLUPAK/acre  
Chickweed (Common, Green and Red)
- 1.5 to 2.0 pound SENCOR SOLUPAK/acre  
Cheat (*Bromus sp. a mus*)  
Deadnettle (Purple) (*Lamium purpureum*)  
Downy brome (*Bromus tectorum*)  
Japanese brome (*Bromus japonicus*)  
Knapweed (*Thlaspi arvense*)  
Rescuegrass (*Bromus c. c. c.*)  
Sheep sorrel (*Rumex crispus*)

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**2 1/2 to 1 1/2 pounds SENCOR SOLUPAK/acre**

**Broadleaves**

- Ragwort Rough (Euphorbia cyparissias)
- Ragweed (Achyrocline satureioides)
- Henbit (Lamium amplexicaule)
- Korhia (Kochia scoparia)
- Lantern Squares - Common (Chenopodium album)
- Martinsail (Horseweed) (Hippuris vulgaris)
- Meadow Salsify (Tragopogon pratensis)
- Mustard, Blue (Chorispora tenella)
- Mustard, Jim Hill (Lumbic) (Sisymbrium althissimum)

- Mustard, Tansy (Descurainia pinnatifida)
- Pepperweed (Lepidium virginicum)
- Flgweed, Redroot (Amaranthus retrofractus)
- Poakly Lettuce (Lactuca serriola)
- White Cockle (Melandrium album)
- Wild Buckwheat (Polygonum convolvulus)
- Yellow Rocket (Barbarea vulgaris)

**Grasses:**

- Footail, Green (Setaria viridis)
- Little Barley (Hordeum pusillum)

- Smooth Brome (Bromus inermis)
- Wild Oats (Avena fatua)

**1 1/2 pounds SENCOR SOLUPAK/Acre**

**Broadleaves:**

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

**Grasses:**

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

**Weeds Partially Controlled:** At the rate of 1 1/2 pounds/acre SENCOR SOLUPAK may be used to reduce the competition from curly dock (Rumex crispus). At 2 1/2 to 1 1/2 pounds/acre SENCOR SOLUPAK may be used to reduce the competition of German moss or Knawel (Scleranthus annuus).

**ALFALFA AND SAINFOIN**

(California Only)  
(Including Mixed Stands With Grasses)

SENCOR SOLUPAK is recommended for use in alfalfa and mixed stands which require a broadleaf herbicide. It is effective against many of the weeds which grow in alfalfa stands.

**Application:** SENCOR SOLUPAK is a pre-emergent herbicide. It is applied to the soil surface and must be incorporated into the soil by plowing or other means. It is applied to the soil surface and must be incorporated into the soil by plowing or other means. It is applied to the soil surface and must be incorporated into the soil by plowing or other means. It is applied to the soil surface and must be incorporated into the soil by plowing or other means.

**Weeds Controlled**

- 1/2 to 2/3 pounds SENCOR SOLUPAK/acre**
- Cheatgrass (Common brome)

**2/3 to 1 1/2 pounds SENCOR SOLUPAK/acre**

**Broadleaves**

- Chickweed, Common (Stellaria media)
- Flgweed (Descurainia sophera)
- Henbit (Lamium amplexicaule)
- Korhia (Kochia scoparia)
- Meadow Salsify (Tragopogon pratensis)
- Mustard, Blue (Chorispora tenella)

- Mustard, Tansy (Descurainia pinnatifida)
- Pepperweed, Virginia (Lepidium virginicum)
- Shepherdspurse (Capsella bursa-pastoris)
- White Cockle (Melandrium album)
- Wild Buckwheat (Polygonum convolvulus)
- Yellow Rocket (Barbarea vulgaris)

**Grasses**

- Smooth Brome (Bromus inermis)

- Wild Oats (Avena fatua)

**1 1/2 pounds SENCOR SOLUPAK/acre**

**Broadleaves:**

- Dandelion (Taraxacum officinale)

**Grasses:**

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

**RECOMMENDED APPLICATIONS  
(Broadcast Rates)**

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Alfalfa and Saniton (California only)	1/2 to 1 1/2	Select the proper dosage according to weeds known to be present in the field to be treated. Apply specified dosage in 20 to 40 gallons of water per acre with ground spray equipment or 3 to 10 gallons of water per acre with aerial spray equipment fitted with nozzles suitable for broadcast applications of herbicides. Treat only dormant established crops of alfalfa and Saniton. Injury may occur to alfalfa if SENCOR is applied earlier than 12 months after seeding. Do not apply after Spring growth begins or before growth ceases in the Fall. Do not graze or harvest within 20 days after application. At the 1 1/2 pound/acre rate, SENCOR SOLUPAK may be used for suppression of curly dock.

**FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES:** Rates of 1/2 to 1 1/2 pounds of SENCOR SOLUPAK 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.

Do not apply with aerial spray equipment when wind speed is greater than 10 mph. Do not apply when weather conditions favor spray drift and/or when sensitive cool season crops such as cole crops, onions, peas, or strawberries, are present in adjacent fields. Applications should not be made when weather conditions favor spray drift, especially in areas where wheat is growing on coarse textured soils in adjacent fields or injury may occur.

**ALFALFA  
SENCOR PLUS GRAMOXONE  
TANK MIX**

Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming and the following California counties: Del Norte, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, and Siskiyou.

**Application:** SENCOR SOLUPAK plus Gramoxone Extra tank mix application is recommended for use, during the dormant season, in aerial or ground spray equipment as a broadcast surface application to established (at least 1 year old) alfalfa for the control of certain grass and broadleaf weeds. Do not apply SENCOR/Gramoxone tank mix to regrowth (after grazing or cutting) 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 SOLUPAK plus Gramoxone Extra (1 1/2 to 1 3/4 pints/acre) tank mix application will control established weeds. Gramoxone controls weeds by contact activity.

1/2 to 1/2 pound of SENCOR SOLUPAK per acre  
Common chickweed

1/2 to 1 pound of SENCOR SOLUPAK per acre

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|-------------|------------------|
| Bluegrass   | Downy brome      |
| Henbit      | Japanese brome   |
| Cheat       | Shepherdspurse   |
| Rescuegrass | Field pennycress |

Use SENCOR SOLUPAK at 1/2 to 1 pound/acre for control of the following weeds:

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

**RECOMMENDED APPLICATIONS  
(Broadcast Rates)**

DOSAGE/Acre	REMARKS
SENCOR SOLUPAK 1/2 to 1 pound plus Gramoxone Extra 1 1/2 to 1 3/4 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 1/2 pound of SENCOR SOLUPAK 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 infestation, drought or winter injury or if SENCOR is applied to alfalfa earlier than 12 months after seeding.



**FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES** Rates of 1 to 1 pound of SENCOR SOLUPAK 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 40 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 5.2.  
 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.

**ALFALFA**

**Post Dormant Application of SENCOR Impregnated on Dry Fertilizer only** — SENCOR SOLUPAK may be applied after dormancy has broken, but prior to three inches of new alfalfa shoot growth, only when impregnated on dry fertilizer in Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Texas and Wisconsin. Apply at rates of 1 to 1½ pounds per acre as directed on this label for application during dormancy. Apply only when alfalfa foliage is dry or crop injury may occur. When using this application method, do not harvest or graze treated alfalfa for 60 days after application.

**ALFALFA**

**Non-Dormant, Non-Winter Hardy Varieties (Arizona Only)**

SENCOR SOLUPAK is recommended as a broadcast surface application to established crops of non dormant alfalfa varieties for preemergence and postemergence control of certain winter annual weeds following either a Fall or Winter sheep grazing or green chop harvest.

<b>Weeds Controlled</b>	London rocket <i>(Sisymbrium irio)</i>
Mouse barley <i>(Hordeum murinum)</i>	Shepherdspurse <i>(Capsella bursa-pastoris)</i>
Nettleleaf goosefoot <i>(Chenopodium murale)</i>	Littleseed canarygrass <i>(Phalaris minor)</i>
Prickly lettuce <i>(Lactuca serriola)</i>	Lambsquarters, common <i>(Chenopodium album)</i>
Field pepperweed <i>(Lepidium compestre)</i>	Little mallow (cheeseweed) <i>(Malva parviflora)</i>
Silverchickweed <i>(Polygonum aviculare)</i>	Spiny sowthistle <i>(Sonchus asper)</i>

**RECOMMENDED APPLICATIONS (Broadcast Rates)**

CROP	Pounds SENCOR SOLUPAK	REMARKS
Alfalfa	1 to 1.5	Apply to established alfalfa crops for pre-emergence and post-emergence control of certain winter annual weeds. Do not graze or harvest within 40 days after application. 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.

**SPECIAL PRECAUTIONS**  
 Maintain continuous mechanical agitation in the spray tank to insure a uniform spray mixture.  
 Do not apply with aerial spray equipment when wind speed is greater than 10 mph.  
 Do not apply when weather conditions favor spray drift and/or when sensitive crop season crops, such as corn, soybeans, peas or strawberries, are present in adjacent fields. Application should be made when weather conditions favor spray drift especially in areas where wheat is growing on coarse textured soils in adjacent fields or injury may occur.

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### ASPARAGUS (Established)

SENCOR SOLUPAK is recommended for use in aerial or ground spray equipment or sprinkler irrigation (center pivot, lateral move, or solid set) systems as a single preemergence broadcast application or as a split application consisting of a preemergence broadcast application followed by a post harvest broadcast application. Refer to the "General Information" section of this label for directions.

**Weeds Controlled.** SENCOR SOLUPAK applied to established asparagus according to directions, will effectively control:

**Broadleaves:**

- Chickweed, Common (*Stellaria media*)
- Jimsonweed (*Datura stramonium*)
- Lambsquarters (*Chenopodium album*)
- Pigweed, Redroot (*Amaranthus retroflexus*)

- Ragweed, Common (*Ambrosia artemisiifolia*)
- Smartweed, Pennsylvania (*Polygonum pennsylvanicum*)
- Sorrel, Red (*Rumex acetosella*)
- Velvetleaf (*Abutilon theophrasti*)

**Grasses:**

- Crabgrass (*Digitaria spp*)
- Foxtails (*Setaria spp*)

- Sandbur, Field (*Cenchrus pauciflorus*)

#### RECOMMENDED APPLICATIONS (Broadcast Rates)

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Asparagus	1 to 2 1/2 pounds	<b>PREEMERGENCE APPLICATION ONLY.</b> Make a single surface application in early Spring before asparagus spears or ferns emerge. If the field is to be disked, apply SENCOR SOLUPAK after disking but before the crop emerges. Use the lower rate for control of the broadcast weeds listed in the "Weeds Controlled" section with an aerial application through a ground application. Do not apply within 14 days of harvest.
	1 to 1 1/2 pounds preemergence plus 1 to 2 pounds post harvest	<b>SPLIT APPLICATION: PREEMERGENCE AND POST HARVEST</b>  <b>Preemergence Application:</b> Apply before asparagus spears or ferns emerge. If the field is to be disked, apply after disking but prior to crop emergence. Do not apply within 14 days of harvest.  <b>Post Harvest Application:</b> Apply after last harvest of the season but prior to emergence.  The lower combination rates may be used for control of common pigweed, lambsquarters, redroot pigweed, and red sorrel. Use the higher combination rates for other weeds listed or in fields with severe grass infestations or for maximum post harvest control of emerged weeds.

**IMPORTANT:** The total amount of SENCOR SOLUPAK applied in one crop season may not exceed 2 1/2 pounds per acre.

**SPECIAL PRECAUTIONS (Asparagus):** Do not use on newly seeded asparagus nor on young plants during the first growing season after setting crowns.  
**DO NOT APPLY POST HARVEST APPLICATION UNTIL AFTER THE LAST HARVEST OF SPEARS.**

# CARROTS

**Special Conditions of Sale Provision for Use on Carrots:** The following directions for use were developed under the direction of IR-4 (government minor crops use program). As such, the testing was done independently from the testing program of Miles Inc. Buyer is advised that Miles makes no assurances regarding satisfaction with the product and all risks of crop injury or product performance are assumed by the Buyer.

Apply SENCOR herbicide with ground equipment as specified below under "Recommended Applications". For effective control of broadleaf weeds with postemergence applications, apply SENCOR before weeds are 1 inch in height or diameter. Thorough spray coverage is essential for adequate weed control.

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

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

For specific application information see "General Information" and "Application" sections at the front of this label.

**Weeds Controlled:** SENCOR SOLUPAK applied to carrots according to directions will effectively control:

- |                                                      |                                                       |
|------------------------------------------------------|-------------------------------------------------------|
| Carpetweed<br>( <i>Mollugo verticillata</i> )        | Pigweed, Redroot<br>( <i>Amaranthus retroflexus</i> ) |
| Galinsoga<br>( <i>Galinsoga parviflora</i> )         | Pigweed, Smooth<br>( <i>Amaranthus hybridus</i> )     |
| Horseweed<br>( <i>Conyza canadensis</i> )            | Prickly Lettuce<br>( <i>Lactuca serriola</i> )        |
| Lambquarters, Common<br>( <i>Chenopodium album</i> ) | Shepherdspurse<br>( <i>Capsella bursa-pastoris</i> )  |
| Mustard, Wild<br>( <i>Sinapis arvensis</i> )         | Pineappleweed<br>( <i>Maticaria matricarioides</i> )  |

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## RECOMMENDED APPLICATIONS (Broadcast Rates)

CROP	SENCOR SOLUPAK Pounds Per Acre	REMARKS
Carrots	0.5 to 1.0	Apply to carrots 3 days after emergence. Do not apply until carrots have at least 5-6 true leaves. Earlier applications will result in excessive crop damage. Do not apply on very hot days or excessive crop injury will result. Do not apply until carrots have at least 5-6 true leaves. Earlier applications will result in excessive crop damage. Crop injury or delayed maturity may result from applications of SENCOR if carrots are growing under stress conditions such as periods of drought or cool, wet and cloudy weather preceding application. Following an application of SENCOR SOLUPAK, chlorosis (yellowing) and thinning of the leaf tissue may occur. For newly introduced varieties of carrots with unknown tolerance to SENCOR, treat only a small area to determine if SENCOR can be used without injury to the crop.

### IMPORTANT:

#### SPECIAL PRECAUTIONS:

- Do not apply until carrots have at least 5-6 true leaves. Earlier applications will result in excessive crop damage.
- Do not apply SENCOR within 3 days of any other chemical application specified on this label.
- Do not apply on very hot days or excessive crop injury will result.
- Do not apply until carrots have at least 5-6 true leaves. Earlier applications will result in excessive crop damage.
- Crop injury or delayed maturity may result from applications of SENCOR if carrots are growing under stress conditions such as periods of drought or cool, wet and cloudy weather preceding application.
- Following an application of SENCOR SOLUPAK, chlorosis (yellowing) and thinning of the leaf tissue may occur.
- For newly introduced varieties of carrots with unknown tolerance to SENCOR, treat only a small area to determine if SENCOR can be used without injury to the crop.

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## FIELD CORN

(Iowa, Kansas, Missouri, Nebraska, and South Dakota only)

SENOGA herbicide is recommended for the added effect on the control of certain broadleaf weeds in corn when applied pre-emergence in a tank mix combination with labeled rates of Lassol, Dual or atrazine. Lassol plus Dual plus atrazine or Dual plus Atrazine. Refer to the appropriate product labels for weeds controlled by these combinations.

SENOGA SOLUPAK in each of the tank mix combinations will control the following weeds:

- Lambsquarters
- (Chenopodium album)
- Pigweed, Redroot (careless weed)
- (Amaranthus retroflexus)
- Smartweed, Pennsylvanian
- (Polygonum pennsylvanicum)
- Vervetleaf
- (Abutilon theophrasti)

Mixing: Spray liquid or dry formulations of the above herbicides in the spray tank with 10 to 20 gallons of water and add 1/2 to 1 quart of 20% solution of 2,4-D, 2,4-DB, 2,4-DEP, 2,4-DEAP, 2,4-DEP, 2,4-DEAP, and 2,4-DEP. Add 1/2 to 1 quart of 20% solution of 2,4-D, 2,4-DB, 2,4-DEP, 2,4-DEAP, and 2,4-DEP. Add 1/2 to 1 quart of 20% solution of 2,4-D, 2,4-DB, 2,4-DEP, 2,4-DEAP, and 2,4-DEP. Add 1/2 to 1 quart of 20% solution of 2,4-D, 2,4-DB, 2,4-DEP, 2,4-DEAP, and 2,4-DEP.

### RECOMMENDED BROADCAST APPLICATIONS

Soil Texture	SENOGA SOLUPAK	Lassol or Dual or Atrazine	Atrazine or Dual or Lassol or Dual or Atrazine
HEAVY	1.0 to 1.5	1.0 to 1.5	1.0 to 1.5
MEDIUM	1.0 to 1.5	1.0 to 1.5	1.0 to 1.5
LIGHT	1.0 to 1.5	1.0 to 1.5	1.0 to 1.5

**SPECIAL PRECAUTIONS (Field Use):** Not for use on coarse textured soils or soils containing less than 1.2% organic matter content.

Do not use on soils having a calcareous surface or high in lime or sodium and/or a pH of 7.0 or higher.

Corn seed should be planted 1 1/2 inches deep.

Use in hybrid seed corn production fields only if both parents are known to be tolerant to SENCOR and other herbicides used.

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

## GARBANZO BEANS (CHICKPEAS)

(Idaho, Oregon and Washington Only)

**Special Conditions of Sale for Use on Garbanzo Beans (Chickpeas):** The following directions for use were developed under the direction of IR-4 (government minor crops use program). As such the testing was done independently from the testing program of Miles Inc. Buyer is advised that Miles makes no assurances regarding satisfaction with the product and that all risks of crop injury or product performance are assumed by the Buyer.

SENCOR herbicide is recommended as a preemergence application for the suppression of certain broadleaf weeds in garbanzo beans.

### WEEDS SUPPRESSED\*

Common Chickweed	Common Lambsquarters
Dog Fennel (Mayweed)	Shepherdspurse
Field Pennycress	Wild Mustard
Henbit	Pigweed

\*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field. SENCOR used alone will not control thiazme resistant weed species.

### RECOMMENDED APPLICATIONS

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Garbanzo Beans	1.0 to 1.5	Apply SENCOR Solupak as a pre-emergence application using 10 to 40 gallons of water per acre with ground spray equipment. Apply before water is put down but before crop emergence. Timing of application is critical. This herbicide is a pre-emergence means of weed suppression. In order to obtain the maximum benefit from SENCOR Solupak, the soil must be worked with a spring harrow or similar equipment. Application of SENCOR Solupak should be made on the soil surface before the soil is worked. At the time of application and for 14 days before weed emergence, a broadcast application should provide adequate weed suppression.  Use the higher rate on the textured soils, high in clay or organic matter and in fields with a history of high weed populations.

**SPECIAL PRECAUTIONS:** Crop injury may result if crop is under stress conditions caused by cold weather, poor soil fertility, disease or insect damage.

Crop injury may result if application is followed by heavy rain. Avoid application of more than 1/2 inch of irrigation within one month after application of SENCOR, or crop injury may occur.

Do not use on coarse textured soils, sandy soils or any soil with less than 1.5% organic matter. Do not use on clay knobs or poorly covered subsoils.

Do not apply preemergence on shallow seedlings less than 2 inches deep.

Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping of spray swaths and shut off spray booms while turning, slowing or stopping, or crop injury will occur.

**NOTE:** This treatment may cause some chlorosis or minor necrosis. Because garbanzo bean varieties may vary in their susceptibility to SENCOR, determine crop tolerance prior to adoption as a field scale practice to prevent possible injury.

## LENTILS AND DRY FIELD PEAS

(Idaho, East of the Cascades in Oregon & Washington, and Montana)

SENCOR herbicide is recommended as a preemergence and postemergence application for the suppression of certain broadleaf weeds in lentils and dry field peas.

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**WEEDS SUPPRESSED\***

Common Chickweed\*\*  
Dog Fennel  
Field Pennycress  
Henbit\*\*

Lambsquarters  
Shepherdspurse\*\*  
Wild Mustard

\*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field

\*\*Preemergence application only

**PREEMERGENCE APPLICATION:** A single preemergence application at 1/2 to 1/4 lbs. of SENCOR SOLUPAK per acre in 20 to 40 gallons of water per acre with ground spray equipment may be made per crop year. Apply SENCOR before or after planting, BUT BEFORE CROP GERMINATES. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate SENCOR into the top 1 to 2 inches of soil with spike harrows, or similar shallow incorporation equipment, then cross harrow to insure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application should provide adequate weed suppression.

Use the higher rate on fine-textured soils (high in clay or organic matter) and in fields with a history of high weed populations.

**POSTEMERGENCE APPLICATION:** Use 1/4 to 1/2 lb of SENCOR SOLUPAK per acre on lentils and spring peas. On winter peas, use 1/2 to 1/4 lb of SENCOR SOLUPAK per acre. For suppression of dog fennel, use 1/2 lb. SENCOR SOLUPAK per acre. Apply specified dosage in 20 to 40 gallons of water per acre and not over 40 psi with ground spray equipment as a broadcast spray when weeds are small (less than 2" in height or diameter) and before crop is 6 inches tall.

One postemergence application may be made per season.

Temporary chlorosis of crop may occur. There is an added risk of crop injury if a postemergence application is made following a previous metribuzin application.

Do not apply over very moist soils or wet crop foliage. Do not apply postemergence applications within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur.

Do not apply within 24 hours of treatment with other pesticides.

**SPECIAL PRECAUTIONS (all applications):** Crop injury may result if crop is under stress conditions caused by cold weather, low fertility, disease or insect damage.

Crop injury may also result if application is followed by heavy rain.

Do not use on coarse textured soils, sandy soils or any soil with less than 1.5% organic matter.

Do not apply to "Eskin" lentils.

Do not use on clay knobs or poorly covered subsoils.

Do not apply on shallow seedings less than 2" deep (preemergence only).

Do not apply within 50 days of harvest of peas, or within 75 days of harvest of lentils. Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping and shut off spray booms while turning, slowing or stopping, or crop injury will occur.

**NOTE:** This treatment may cause some chlorosis or minor necrosis. Because lentil and pea varieties may vary in their susceptibility to SENCOR SOLUPAK, determining crop tolerance prior to adoption as a field scale practice is suggested to prevent possible injury.

For additional precautions, restrictions, limitations, and sprayer clean up information refer to the appropriate sections of this label.

**LENTILS**

(North Dakota Only)

SENCOR herbicide is recommended as a preemergence and post-emergence application for the suppression of certain broadleaf weeds in lentils.

**WEEDS SUPPRESSED\***

Common Chickweed\*\*  
Dog Fennel\*\*  
Field Pennycress  
Henbit\*\*

Lambsquarters  
Shepherdspurse\*\*  
Wild Mustard

\*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field

\*\*Preemergence application only

**PREEMERGENCE APPLICATION:** A single preemergence application at 1/2 to 1/4 lbs. of SENCOR SOLUPAK per acre in 20 to 40 gallons of water per acre with ground spray equipment may be made per crop year. Apply SENCOR SOLUPAK before or after planting, BUT BEFORE CROP GERMINATES. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate SENCOR SOLUPAK into the top 1 to 2 inches of soil with spike harrows, or similar shallow incorporation equipment, then cross harrow to insure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application should provide adequate weed suppression.

Use the higher rate on fine-textured soils (high in clay or organic matter) and in fields with a history of high weed populations.

**POSTEMERGENCE APPLICATION:** Use 1/4 to 1/2 lb of SENCOR SOLUPAK in 20 to 40 gallons of water per acre and not over 40 psi with ground spray equipment as a broadcast spray when weeds are small (less than 2 inches in height or diameter) and before crop is 6 inches tall.

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One postemergence application may be made per season. Temporary chlorosis of crop may occur. There is an added risk of crop injury if a postemergence application is made following a previous metribuzin application.

Do not apply over very moist soils or wet crop foliage. Do not apply postemergence within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur.

Do not apply within 24 hours of treatment with other pesticides.

**SPECIAL PRECAUTIONS (all applications):** Crop injury may result if crop is under stress conditions caused by cold weather, low fertility, disease or insect damage.

Crop injury may also result if application is followed by heavy rain. Do not use on coarse-textured soils, sandy soils or any soil with less than 1.5% organic matter.

Do not apply to "Estin" lentils.

Do not use on clay knobs or poorly covered subsoils.

Do not apply on shallow seedings less than 2" deep (preemergence only).

Do not apply within 75 days of harvest. Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping and shut off spray booms while turning, slowing or stopping, or crop injury will occur.

**NOTE:** This treatment may cause some chlorosis or minor necrosis. Because lentil varieties may vary in their susceptibility to SENCOR SOLUPAK, determining crop tolerance prior to adoption as a field scale practice is suggested to prevent possible injury.

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

## SUGARCANE

(Hawaii Only)

SENCOR, a selective herbicide, is effective as a preemergence and an early postemergence broadcast application for control of certain grass and broadleaf weeds. When applied as a spot treatment, it also provides excellent control of perennial grasses and broadleaves.

**Ground Application:** SENCOR SOLUPAK should be mixed by filling the spray tank half full of clean water. Then add the recommended amount of SENCOR SOLUPAK to suit the total tank capacity and the rate of application per acre (preferably 25 to 35 gallons per acre). Complete filling the tank and maintain sufficient agitation during mixing and spraying to insure a uniform spray mixture.

**Aerial Application:** SENCOR SOLUPAK is recommended for use in aerial spray equipment as a preemergence or postemergence applica-

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tion to irrigated sugarcane. Aerial spray equipment should be calibrated to apply the proper amount of SENCOR SOLUPAK in 7 to 10 gallons of spray mixture per acre.

SENCOR SOLUPAK applied preemergence or postemergence to the sugarcane as a broadcast spray or spot treatment will effectively control the following when weeds are less than 3 inches in height.

### Weeds Controlled in Irrigated and Non-irrigated Sugarcane.

#### Broadleaves:

Amaranth, Spiny  
(*Amaranthus spinosus*)  
Euphorbia, Wild  
(*Euphorbia* spp.)  
Fireweed  
(*Erechtites hieracifolius*)  
Floras paintbrush  
(*Emilia sonchifolia*)  
Spurge, Garden  
(*Euphorbia hirta*)  
Spurge, Graceful  
(*Euphorbia glomerata*)

#### Grasses:

Crabgrass  
(*Digitaria* spp.)  
Guineagrass  
(*Panicum maximum*)  
Pustgrass  
(*Chloris radata*)  
Ricegrass  
(*Oryzopsis hymenoides*)  
Winegrass  
(*Elysiene indica*)

### Weeds Controlled in Irrigated Sugarcane Only:

#### Broadleaves:

Amaranth, Spleen  
(*Amaranthus dubius*)  
Haole Koa  
(*Leucaena leucocephala*)  
Hialea  
(*Waltheria americana*)

Hialea  
(*Mimosa pudica*)  
Purslane, Common  
(*Portulaca oleracea*)  
Rattlepod  
(*Crotalaria spectabilis*)

#### Grasses:

Alexandergrass  
(*Bracharia plantaginea*)  
Bristly foxtail  
(*Setaria verticillata*)

### Weeds Controlled in Non-irrigated Sugarcane Only:

#### Broadleaves:

Ageratum  
(*Ageratum conyzoides*)  
Richardia  
(*Richardia brasiliensis*)  
Tarweed  
(*Cuphea carthagenesis*)

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**RECOMMENDED BROADCAST APPLICATIONS**

CROP	SENCOR SOLUPAK (Pounds/Acre)	REMARKS
Sugarcane (Hawaii only)	2 1/2 to 5 1/2 (non irrigated)	<b>PREEMERGENCE:</b> (Irrigated and non irrigated sugarcane) Apply specified dosage per acre as a broadcast spray to the soil surface. Applications should be made within two weeks after planting prior to cane emergence or shortly after emergence (spike stage).
	5 1/2 to 8 (irrigated)	<b>OR</b> <b>EARLY POSTEMERGENCE:</b> (Irrigated and non irrigated sugarcane) Apply specified dosage per acre as a broadcast spray over the cane. Application may be delayed as long as 4 to 6 weeks after planting provided weeds are less than 3 inches in height.
	2 1/2 to 5 1/2	<b>OR</b> <b>POSTEMERGENCE:</b> Apply specified dosage per acre as a broadcast spray to control weeds prior to "close in" time when cane shades out the weed growth.
	3 1/2 to 6 1/2	<b>SPOT TREATMENT:</b> Apply specified dosage in 30 to 50 gallons of finished spray per acre. Spot treatments may be used to control weeds in missed areas, corners of fields, or areas of hard to control weeds.

**Note:** Do not apply more than 10 1/2 pounds of SENCOR SOLUPAK (8 lb active ingredient)/acre per crop cycle regardless of the method of application. The last application may be made up to 17 months of harvest.

**Special Precaution:** Do not use treated foliage for feed or forage.

**SUGARCANE**

(Louisiana and Texas Only)

Preemergence and postemergence applications of SENCOR SOLUPAK with aerial or ground spray equipment are recommended for control of the following weeds in sugarcane in Louisiana and Texas.

**Broadleaves:**

- |                                                    |                                            |
|----------------------------------------------------|--------------------------------------------|
| Amaranth, Spiny<br>( <i>Amaranthus spinosus</i> )  | Marestail<br>( <i>Conyza canadensis</i> )  |
| Birdweed, Field<br>( <i>Convolvulus arvensis</i> ) | Mustard, Wild<br>( <i>Brassica kaber</i> ) |
| Chickweed<br>( <i>Cerastium vulgatum</i> )         | Pigweeds<br>( <i>Amaranthus spp</i> )      |
| Henbit<br>( <i>Lamium amplexicaule</i> )           | Purslane<br>( <i>Portulaca oleracea</i> )  |
| Lambsquarters<br>( <i>Chenopodium album</i> )      | Sowthistle<br>( <i>Sonchus spp</i> )       |
| London rocket<br>( <i>Sisymbrium irio</i> )        |                                            |

**Grasses:**

- |                                                            |                                                       |
|------------------------------------------------------------|-------------------------------------------------------|
| Broadleaf Signalgrass<br>( <i>Brachiaria platyphylla</i> ) | Foxtails<br>( <i>Setaria spp</i> )                    |
| Crabgrass<br>( <i>Digitaria spp</i> )                      | Johnsongrass Seedling<br>( <i>Sorghum halepense</i> ) |
|                                                            | Oats, Winter<br>( <i>Avena spp</i> )                  |

**RECOMMENDED APPLICATIONS**

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Sugarcane (Louisiana and Texas only)	2 to 4	<b>BROADCAST:</b> Apply specified dosage per acre using 20 to 30 gallons of water with ground equipment or 5 gallons of water with aircraft spray equipment. Apply as a broadcast spray during the fall after planting or to the stubble after harvest. Make a second application early in the Spring.
	1 to 2	<b>BAND:</b> Apply specified dosage in 10 to 20 gallons of water per acre in a 30 to 36 inch band over the row during the fall after planting or to the stubble after harvest. Make a second application early in the Spring.

**SPECIAL PRECAUTIONS (Louisiana and Texas only):** Do not use treated foliage for feed or forage.

Use the higher rate on heavy clay soil and soil with a high percentage of organic matter. If necessary a third application may be made in late Spring at layby. Do not apply within 60 days of harvest.



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## SUGARCANE

(Florida Only)

Postemergence over the top or directed spray applications of SENCOR SOLUPAK are recommended for the control of the following weeds in sugarcane in Florida

<b>Broadleaves:</b>	<b>Grasses:</b>
Amaranth, Amaranth (seeding) ( <i>Amaranthus spinosus</i> )	* Crabgrass, large ( <i>Digitaria sanguinalis</i> )
Butterweed (Cress, ear groundsel) ( <i>Senecio glabellus</i> )	Foxtail, bristlegass ( <i>Setaria magna</i> )
Cudweed ( <i>Euphorbia</i> spp.)	Goosegrass ( <i>Elymus indica</i> )
Purslane ( <i>Portulaca oleracea</i> )	Panicum, broadleaf ( <i>Panicum adspersum</i> )
	Signalgrass, Broadleaf ( <i>Brachiaria platyphylla</i> )

\*Best control is achieved when applications are made when this weed is

### RECOMMENDED APPLICATIONS (Broadcast Rates)

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Sugarcane (Florida only)	1½ to 2½	<b>GROUND APPLICATION:</b> SENCOR SOLUPAK may be used in one or two applications with a minimum of 14 days between each application. Apply when weeds are less than 6 inches tall in 10 to 40 gallons of spray mixture per acre. <b>POSTEMERGENCE BROADCAST OR BAND:</b> Apply over the top of stubble or plant cane while sugarcane is less than 14 inches tall. <b>POSTEMERGENCE DIRECTED SPRAY:</b> Apply to sugarcane that is a minimum of 14 inches tall and before row closing.
	1½ to 2	<b>AERIAL APPLICATION:</b> Apply when weeds are less than 4 inches tall in 5 to 10 gallons of spray mixture per acre. Apply to stubble or plant cane while the sugarcane is less than 14 inches tall.

**SENCOR PLUS Atrazine TANK MIX:** SENCOR SOLUPAK may be used with atrazine as a preemergence or postemergence (before row closing) application to sugarcane. Rates for SENCOR SOLUPAK are 1 to 2½ pounds/acre and atrazine 80% WP (4L) are 2½ to 5 pounds/acre (2 to 4 quarts/acre). For additional information on precautions, instructions, limitations, application, and weeds controlled refer to this label and the atrazine label.

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### Special Precautions: (Florida only)

Do not use more than 2½ pounds per acre in a single growing season.

Do not use on sand soils.

Spray contact with sugarcane foliage may result in minor leaf margin chlorosis and/or necrosis.

Do not apply within 60 days of harvest.

Do not use treated crop for feed or forage.

Avoid spray overlaps or variations in application speed that may result in insufficient or excessive rates of application.

## TOMATOES

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

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

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

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

### Weeds Controlled:

#### PREPLANT INCORPORATED APPLICATIONS TRANSPLANT TOMATOES ONLY

<b>Broadleaves:</b>	<b>Grasses:</b>
Galinsoga ( <i>Galinsoga</i> spp.)	* Goosegrass ( <i>Elymus indica</i> )
Lambsquarters ( <i>Chenopodium album</i> )	
* Pigweed, Redroot ( <i>Amaranthus retroflexus</i> )	
* Purslane, Common ( <i>Portulaca oleracea</i> )	

Preplant incorporated application as directed will suppress foxtails, panicums and barnyardgrass.

#### SENCOR plus TRIFLAN 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 Triflan label.

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Fumitory ( <i>Fumaria officinalis</i> )	Pulsatilla ( <i>Portulaca oleracea</i> )
Galinsoga ( <i>Galinsoga</i> spp.)	* Ragweed, Common ( <i>Ambrosia artemisiifolia</i> )
* Jimsonweed ( <i>Datura stramonium</i> )	* Smartweed, Pennsylvania ( <i>Polygonum pennsylvanicum</i> )
* Ladythumb ( <i>Polygonum persicaria</i> )	Toadflax ( <i>Linaris</i> spp.)
Lambsquarters ( <i>Chenopodium album</i> )	* Velvetleaf ( <i>Abutilon theophrasti</i> )
Mustard, Wild ( <i>Brassica kaber</i> )	

Directed Sprays  
 1/2 to 1 1/2 lbs. of SENCOR SOLUPAK/acre

Grasses:  
 \* Foxtail, Yellow (Plus Weeds Listed Under  
 (*Setaria glauca*) "Broadcast Sprays")  
 Goosegrass  
 (*Elymus indica*)

\* For optimum control of these weeds, use the highest rate recommended on the label for the type of application to be made. Repeat post-emergence applications may be needed for best control.

Post-emergence applications as directed on this label will suppress barnyardgrass and crabgrass when these weeds are less than 1-inch tall.

RECOMMENDED APPLICATIONS  
 (Broadcast Rates)

CROP	SENCOR SOLUPAK Pounds/Acre	REMARKS
Tomatoes		<b>PREPLANT INCORPORATED - TRANSPLANT TOMATOES ONLY (EXCEPT CALIFORNIA):</b> Apply specified dosage in 20 to 40 gallons of water per acre as a broadcast spray from the time of planting until 2 to 4 inches of soil has been covered. Do not apply to soil in which plants are growing. Do not apply to soil in which plants are growing. Do not apply to soil in which plants are growing.
	1 to 2	<b>POST-EMERGENCE BROADCAST SPRAY - ESTABLISHED TOMATOES:</b> Apply specified dosage in 20 to 75 gallons of water per acre as a broadcast spray or application to 1/2 inch of water (use 1/2 to 1 inch of water in sandy soils) per acre as continuous irrigation in center pivot and lateral move systems or in the last 15 to 30 minutes of set in perimeter soil set systems. Over the plants in single or multiple applications with a minimum of 14 days between treatments. For transplanted tomatoes do not apply within 14 days of transplanting. Transplants must have recovered from transplant shock and new growth evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.)
	1/2 to 1 1/2	<b>POST-EMERGENCE DIRECTED SPRAY - ESTABLISHED TOMATOES:</b> Apply specified dosage in 20 to 75 gallons of water per acre as a directed spray in single or multiple applications with a minimum of 14 days between treatments. 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 within 14 days of transplanting. Transplants must have recovered from transplant shock and new growth evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.) When banding use the appropriate section in the front of this label.

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\* 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 1 1/2 lbs. SENCOR SOLUPAK per crop season

Do not apply the total amount of 1 1/2 lbs. SENCOR SOLUPAK 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

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 SOLUPAK

Do not treat seeded tomatoes until plants have reached the 5 to 6 leaf stage

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 SOLUPAK can be used without injury to the crop

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

## CEREALS

**(Spring and Winter Barley and Winter Wheat)**

For suppression or control of certain grass and broadleaf weeds, apply SENCOR SOLUPAK herbicide postemergence to barley (Winter and Spring) and Winter wheat (see the appropriate section of this label for geographic limitations)

- 1 Barley (Spring and Winter) and Winter wheat in Idaho, Montana, Nevada, Oregon, Utah, and Washington
- 2 Dryland (Non-irrigated) Winter wheat in Kansas, Oklahoma, and Texas
- 3 Dryland (non-irrigated) Winter wheat only (Arkansas, Georgia, Kentucky, Louisiana, Mississippi, Tennessee, and Missouri "Bootheel")

**Mixing:** See the "General Information" section in the front of this label for specific mixing procedures. Do not tank mix SENCOR SOLUPAK with pesticides other than those specified below. When tank mixing, carefully follow the instructions on this label. Refer to the other product label registered for use on barley and wheat for additional directions, rates, weeds controlled, and restrictions

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**Application:** Refer to the "General Information" section in the front of this label for detailed information on the application of SENCOR SOLUPAK. Do not exceed the rates specified below. Apply SENCOR SOLUPAK when crop is healthy and actively growing. Weed control may not be observed for 2 to 4 weeks after application under very dry conditions, weed control may not be apparent for 4 to 6 weeks. Moisture (at least 1/2 inch) is needed 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 control. Control or suppression of listed weeds is dependent on weed size. Control or suppression can be reduced if broadleaf weeds are taller than 1 inch or grasses have more than 2 leaves

If SENCOR SOLUPAK is applied more than once per crop season, allow at least 45 days between applications

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

**Grazing and Harvesting Treated Crops**

Wheat may be grazed 14 days following application, but do not harvest grain within 21 days after last application. Do not graze or harvest barley before crop maturity

**SPECIAL PRECAUTIONS (Cereals)**

- 1 Crop injury may occur if SENCOR SOLUPAK is applied
- 1 When the crop is under stress such as Winter kill, frost damage, disease, drought or excessive moisture, or when these conditions follow the application
- 2 In combination with fluid fertilizer
- 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 Temporary chlorosis may occur after application to wheat, especially if frost occurs

## BARLEY AND WINTER WHEAT

**Idaho, Montana, Nevada, Oregon, Utah, and Washington**

SENCOR SOLUPAK herbicide is recommended for post emergence application in Winter and Spring barley and Winter wheat

Varieties approved for use of SENCOR herbicide include Winter Wheat: Basin, Barum, Centurk, Cheyenne, Daws, Dusty Faro, Games, Hatton Hill 81, Hyak, Hyslop, Lewman, Luke, Madsen, Malcom, McDermid, Moro, Nugames, Paha, Peck, Sprague, Stephens, Tyee, Wanzer, Weston, and Winatta

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**Barley:** Advance, Boyer, Clark, Compana, Hannchen, Hector, Hesk, Hudson, Lud, Luther, Karnak, Klages, Olympic, Proline, Steptoe and Triumph

The following varieties have proven to be sensitive to SENCOR and should not be treated. **Winter Wheat:** Wings, Winridge, and Yamhill. 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.

Varities not listed. To avoid possible crop injury, contact a Miles representative or herbicide expert for a recommendation before treating any unlisted variety.

**Weeds Controlled:**

**Broadleaves:**

- Annual Polemonium (Jacob's Ladder) (*Polemonium micranthum*)
- Chickweed, Common (*Stellaria media*)
- Conical Catchfly (*Salvia conica*)
- Corncockle (*Agrostemma githago*)
- Tarweed, Fiddleneck (*Amsinckia hycosoides*)
- Gromwell (*Lithospermum officinale*)
- Henbit (*Lamium amplexicaule*)
- Ivyleaf Speedwell (*Veronica hederifolia*)
- Knotweed, Prostrate (*Polygonum aviculare*)
- Lambsquarters, Common (*Chenopodium album*)
- Madwort (Catchweed) (*Asperugo procumbens*)

- Mayweed (dog fennel) (*Eupatorium capillifolium*)
- Miners Lettuce (*Claytonia perfoliata*)
- Mustard, Jim Hill (tumble) (*Sisymbrium album*)
- Mustard, Wild (*Brassica kaber*)
- Pennycress, Field (*Thlaspi arvense*)
- Pineappleweed (*Matricaria matricariodes*)
- Sticky Lettuce (*Lactuca serriola*)
- Pigweeds, Annual (*Amaranthus* spp.)
- Redstem Filaree (*Erodium cicutarium*)
- Shepherdspurse (*Capsella bursa-pastoris*)

**Weeds Suppressed:** Control of these weeds varies from poor to excellent depending on timing of application, stage of growth of application, temperatures, and soil moisture conditions following treatment. For maximum effect on these weeds use the highest recommended rate for growth stage, 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.

**Broadleaves**

- Corncockle (*Vaccaria pyramidata*)
- Kochia (*Kochia scoparia*)
- Mustard, Tansy (*Descurainia pinnata*)
- Russian Thistle (*Salsola iberica*)
- Wild Buckwheat (*Polygonum convolvulus*)

**Grasses**

- Blackgrass (Black twitchgrass) (*Alopecurus myosuroides*)
- Bluegrass, Annual (*Poa annua*)
- Bluegrass, Bulbous (*Poa bulbosa*)
- Cheatgrass (*Bromus secalinus*)
- Downy Brome (*Bromus tectorum*)
- Foxtails (*Setaria* spp.)
- Rescuegrass (*Bromus catharticus*)
- Ripgut Brome (*Bromus diandrus*)
- Ryegrass, Italian (*Lolium multiflorum*)
- Wild Barley (*Hordeum leponum*)
- Wild Oats (*Avena fatua*)
- Windgrass (*Apera spica-venti*)

**RECOMMENDED APPLICATIONS**

**SPRING AND WINTER BARLEY — WINTER WHEAT**  
(Idaho, Montana, Nevada, Oregon, Utah and Washington)

**OUNCES SENCOR SOLUPAK/Acre**

SOIL TYPE <sup>1</sup>	2-Loat - 4 Tillers <sup>2</sup>		>4 Tillers <sup>2</sup>	
	% Organic Matter 0.75-2.0	>2.0	% Organic Matter 0.75-2.0	>2.0
<b>COARSE</b> (Sandy loam, loamy sand)	1-2	1-3	4-6	5-8
<b>MEDIUM</b> (Loam, silt loam, silty sandy clay, sandy clay loam)	1-3	2-3	4-8	5-8
<b>FINE</b> (Silty clay, silty clay loam, clay, clay loam)	2-3	2-4	5-8	8 to 10 <sup>3</sup>

\* Do not use on soils containing less than 0.75% organic matter.  
 \* Use these rates on crops with secondary roots smaller than 1 inch. Use only in combination with other herbicides listed under "Application" for early season control of broadleaf weeds and suppression of downy brome.  
 \* Use only when plants have more than 4 tillers and after secondary roots have developed and are larger than 1 inch in length.  
 Do not apply more than a total of 8 ounces active ingredient, regardless of formulation, per acre per year.  
 On irrigated cereals, do not apply more than 1/2 inch of water for the first irrigation, the maximum amount for each additional irrigation should not exceed 1 inch. Allow at least 14 days between the first irrigation following treatment and subsequent irrigations.

**DRYLAND (NON-IRRIGATED)  
 WINTER WHEAT**

Kansas, Oklahoma and Texas  
 FOR USE ONLY ON THE VARIETIES GARST 64, HAWK, LARNED,  
 NEWTON, PIONEER 2157, STALLION, TAM W101, TAM 105, VICTORY,  
 AND WRANGLER.

**Weeds Control of:**

**Broadleaves:**

- |                                                                         |                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Annual Polygonum<br>(Jacob's Ladder)<br>( <i>Polygonum micranthum</i> ) | Lambsquarters<br>( <i>Chenopodium album</i> )          |
| Chickweed, Common<br>( <i>Stellaria media</i> )                         | *Mustard, Blue<br>( <i>Chorispora tenella</i> )        |
| Tarweed, Fiddleneck<br>( <i>Amsinckia lycopsodes</i> )                  | *Mustard, Jim Hill<br>( <i>Sisymbrium altissimum</i> ) |
| Herbit<br>( <i>Lamium amplexicaule</i> )                                | *Mustard, Wild<br>( <i>Brassica kaber</i> )            |
| *Kochia<br>( <i>Kochia scoparia</i> )                                   | Pigweeds<br>( <i>Amaranthus</i> spp.)                  |

**Grasses:**

- |                                             |                                                |
|---------------------------------------------|------------------------------------------------|
| * Cheatgrass<br>( <i>Bromus secalinus</i> ) | * Foxtails<br>( <i>Setaria</i> spp.)           |
| * Downy Brome<br>( <i>Bromus tectorum</i> ) | * Rescuegrass<br>( <i>Bromus catharticus</i> ) |

\* For control of these weeds, use the highest rate recommended for soil texture and percent organic matter.

**Hard to Control Weeds:** Italian ryegrass (*Lolium multiflorum*), wild oats (*Avena fatua*), and wild buckwheat (*Polygonum convolvulus*)

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

**RECOMMENDED BROADCAST APPLICATIONS**

SOIL TEXTURE	SENCOR SOLUPAK Pounds Per Acre		REMARKS
	% Organic Matter		
	Fall	Spring	
<b>COARSE</b> (Sandy loam to very sandy)	1 to 2% Over 2%	1 to 2% Over 2%	Apply Sencor in app. per acre with air or ground spray equipment at a 1000 gpm nozzle rate. Do not spray in wind. Spray for Fall and Spring applications.
<b>MEDIUM</b> (Silt loam to silty clay loam)	1 to 2% Over 2%	1 to 2% Over 2%	Apply Sencor in app. per acre with air or ground spray equipment at a 1000 gpm nozzle rate. Do not spray in wind. Spray for Fall and Spring applications.
<b>Fine</b> (Silty clay loam to clay loam)	1 to 2% Over 2%	1 to 2% Over 2%	Apply Sencor in app. per acre with air or ground spray equipment at a 1000 gpm nozzle rate. Do not spray in wind. Spray for Fall and Spring applications.

\* Do not use on dry soils containing less than 1% organic matter.  
 \* Soil moisture is essential for a soil and may be varied as mentioned in text for  
 soils in some regions of the U.S.

**SENCOR in Combination with Other Herbicides:** SENCOR may be applied as directed above or may be tank mixed with those herbicides listed under "Application."

## DRYLAND (NON-IRRIGATED) WINTER WHEAT

(Arkansas, Kentucky, Louisiana, Mississippi, Tennessee and Missouri "Bootheel")

### Weeds Controlled:

#### Broadleaves:

Bittercress  
(*Cargamine* spp.)  
\*Buttercup  
(*Ranunculus* spp.)  
Carolina Geranium  
(*Geranium carolinianum*)  
Chickweed, Common  
(*Stellaria media*)  
Chickweed, Mouseear  
(*Cerastium vulgatum*)  
Cutleaf Evening Primrose  
(*Oenothera laciniata*)  
Henbit  
(*Lamium simplex/leucum*)  
\*Kochia  
(*Kochia scoparia*)

Lambsquarters, Common  
(*Chenopodium album*)  
Mayweed (dog fennel)  
(*Eupatorium capillatum*)  
Mustard, Wild  
(*Brassica kaber*)  
Pepperweed, Virginia  
(*Lepidium virginicum*)  
Pigweeds  
(*Amaranthus* spp.)  
Shepherdspurse  
(*Capsella bursa-pastoris*)  
Wild Turnip  
(*Brassica rapa*)  
Wild Radish  
(*Raphanus raphanistrum*)

#### Grasses:

Bluegrass, Annual  
(*Poa annua*)  
\*Cheatgrass  
(*Bromus secalinus*)  
\*Downy Brome  
(*Bromus tectorum*)

Little Barley  
(*Hordeum pusillum*)  
\*Rescuegrass  
(*Bromus catharticus*)  
\*Ryegrass, Italian  
(*Lolium multiflorum*)  
Whitlowgrass, Vernal  
(*Draba verna*)

\*For control of these weeds on the soils, use SENCOR SOLUPAK at 1/2 pound/acre.  
**Note:** Control of wild buckwheat (*Polygonum convolvulus*) and winter vetch (*Vicia* spp.) may be variable with SENCOR SOLUPAK, ranging from poor to excellent depending on stage of 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 797, Coker 68 15 Doublecrop, Florida 302, Hunter, McNair 1003, McNair 1813, Magnum, Nelson, Oasis, Omega 78, Pike, Pioneer 2550, Pioneer 2555, Sauda Southern Belle, Stacy, Traveler, Twain, and Tyler.

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### RECOMMENDED BROADCAST APPLICATIONS

SOIL TEXTURE	SENCOR SOLUPAK Pounds/Acre	REMARKS
COARSE (Sandy loam to sand)	1/2	Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.
MEDIUM (Sandy loam to loam)	1/2	Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.
FINE (Loam to clay loam)	1/2	Georgia Only. Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.

1. Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.

2. Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.

3. Apply in the fall or spring. For best results, apply in the fall. For best results, apply in the fall. For best results, apply in the fall.

**SENCOR in Combination with other Herbicides.** SENCOR SOLUPAK may be applied as directed above and may be tank mixed with those herbicides listed under "Application."

## FOR WEED CONTROL IN A WHEAT/FALLOW/WHEAT ROTATION

(Idaho, Oregon, Utah and Washington Only)

SENCOR SOLUPAK may be applied to provide weed control during the fallow period after wheat harvest or in the Spring before Winter wheat is planted. Winter wheat can be seeded 4 months (120 days) after Spring application. Mechanical tillage or the application of a contact herbicide may be required to control weeds germinating prior to seeding of Winter wheat. Best results will be obtained where straw and chaff are evenly distributed across the field.

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

Where weed growth is present at application time, SENCOR SOLUPAK should be applied with Gramoxone or other contact herbicide. Refer to the other product label registered for additional directions, rates, and weed species controlled.

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**Weeds Controlled:****Broadleaves:**

Crackweed, Common  
(*Stellaria media*)  
Henbit  
(*Lamium amplexicaule*)  
\*Kochia  
(*Kochia scoparia*)  
Lambquarters  
(*Chenopodium album*)  
Mustard, Blue or Purple  
(*Chorispora tenella*)  
Mustard, Jim Hill  
(*Sisymbrium altissimum*)  
Mustard, Tansy  
(*Descurainia pinnata*)

Mustard, Treacle  
(*Erysimum repandum*)  
Mustard, Wild  
(*Brassica kaber*)  
Pennycress, Field (fanweed)  
(*Thlaspi arvense*)  
Pigweeds  
(*Amaranthus spp.*)  
\*Russian Thistle  
(*Salsola kali*)  
\*Wild Sunflower  
(*Helianthus spp.*)

**Grasses:**

Cheatgrass  
(*Bromus secalinus*)  
Downy Brome  
(*Bromus tectorum*)

\*Wheat, Volunteer  
(*Triticum spp.*)

\*Note: Since control of these weeds may be variable depending on moisture following application, the higher labeled rate is recommended.

**After Harvest Application (Fall Fallow):** SENCOR SOLUPAK may be applied to wheat stubble after harvest in the Fall. Apply  $\frac{1}{2}$  to  $\frac{3}{4}$  pound per acre broadcast before weeds emerge. Use higher rate for longer weed control or for weeds designated as requiring the higher rate for control. Rainfall ( $\frac{1}{2}$  inch or more) is necessary for herbicide activation. Do not plant crops in treated areas for at least 10 months following fall applications.

SENCOR SOLUPAK may be applied at  $\frac{1}{2}$  to  $\frac{3}{4}$  pound per acre as directed above for a Fall application. If other vegetation is present at the time of application use a contact herbicide.

**Spring Application (Summer Fallow):** SENCOR SOLUPAK may be applied to wheat stubble in the Spring. Apply  $\frac{1}{2}$  to  $\frac{3}{4}$  pound per acre broadcast before weeds emerge in the Spring. Use higher rate for longer weed control or weeds designated as requiring higher rate for control. Rainfall ( $\frac{1}{2}$  inch or more) is necessary for herbicide activation.

**PRECAUTIONS AND RESTRICTIONS:**

Do not graze treated fields.  
Do not plant Spring seeded cereals following Fall fallow applications of SENCOR SOLUPAK.  
Where SENCOR SOLUPAK was applied in the Fall, do not apply SENCOR SOLUPAK in the Spring.

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## FOR WEED CONTROL IN FALLOW ROTATION WITH BARLEY AND WHEAT

(Colorado, Kansas, Montana, Nebraska, and Wyoming Only)

SENCOR SOLUPAK may be applied to provide weed control during the fallow period after wheat or barley harvest or in the Spring before planting of winter wheat or barley. Mechanical tillage of the application area after herbicide may be required to control weeds germinating prior to seeding of winter wheat or barley.

For more information, General Information Section, see the front of this label.

For specific application information, see the General Information section on the front of the label.

Where weed growth is present at application time, SENCOR SOLUPAK should be applied with Gramoxone. Roundup or other contact herbicide. Refer to the other product label for application directions, rates, and weed species controlled. Do not plant crops in treated areas earlier than 10 months following Fall application.

**Weeds Controlled:****Broadleaves:**

Crackweed, Common  
(*Stellaria media*)  
Cowcockle  
(*Vaccaria pyramidalis*)  
Henbit  
(*Lamium amplexicaule*)  
\*Kochia  
(*Kochia scoparia*)  
Lambquarters  
(*Chenopodium album*)  
Mustard, Blue or Purple  
(*Chorispora tenella*)  
Mustard, J.T. Hill  
(*Sisymbrium altissimum*)

Mustard, Tansy  
(*Descurainia pinnata*)  
Mustard, Treacle  
(*Erysimum repandum*)  
Mustard, Wild  
(*Brassica kaber*)  
Pennycress, Field (fanweed)  
(*Thlaspi arvense*)  
Pigweeds  
(*Amaranthus spp.*)  
Russian thistle  
(*Salsola kali*)  
Wild Sunflower  
(*Helianthus spp.*)

**Grasses:**

Cheatgrass  
(*Bromus secalinus*)  
Downy Brome  
(*Bromus tectorum*)  
\*Foxtail, Green  
(*Setaria viridis*)

\*Wheat, Volunteer  
(*Triticum spp.*)  
\*Wild Oats  
(*Avena fatua*)

\*Note: Since control of these weeds may vary depending on moisture following application, the higher labeled rate is recommended.

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**After Harvest Application (Fall Fallow)** — SENCOR SOLUPAK may be applied to the stubble after harvest in the Fall. Apply 1/2 to 1 pound per acre broadcast before weeds emerge. Use the higher rate for longer weed control or for weeds designated as requiring the higher rate for control. Rainfall (1/2 inch or more) is necessary for herbicide activation.

**Spring Application (Summer Fallow)** — SENCOR SOLUPAK may be applied to the stubble in the Spring. Apply 1/2 to 1/2 pound per acre broadcast before weeds emerge in the Spring. Use the higher rate for longer weed control or weeds designated as requiring the higher rate for control. Rainfall (1/2 inch or more) is necessary for herbicide activation. Wheat or barley can be seeded 120 days after Spring application.

**PRECAUTIONS AND RESTRICTIONS:** Do not graze treated fields. Do not plant Spring seeded cereals following Fall applications for fallow.

Where SENCOR SOLUPAK was applied in the Fall, do not apply SENCOR SOLUPAK in the Spring.

## CROP ROTATION RECOMMENDATIONS

### Waiting Period After SENCOR herbicide Application<sup>1</sup>

4 Months	8 Months	12 Months	18 Months
Alfalfa Barley <sup>2</sup> Asparagus Corn Forage Grasses Potatoes Santol Soybeans Sugar cane Tomatoes Wheat <sup>2</sup>	Barley Cotton Lentils Peas Rice Wheat	Other Crops not listed (except root crops)	Sugar Beets Onions And other root crops

<sup>1</sup> Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed. Stand duration may differ in some areas.

<sup>2</sup> Following peas, lentils or soybeans.

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## CAUTION. PRECAUTIONARY STATEMENTS. HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

May be harmful if swallowed or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing sprays or dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

Do not contaminate feed or food. Keep out of reach of children. Get medical attention if treatment is required. See label for directions.

**To Physician:** See the patient's water at daily.  
**Symptoms of Poisoning:** The compound does not have any definite symptoms that will be diagnostic. Poisoning is accompanied by breathing difficulties and irritation.

## STATEMENTS OF PRACTICAL TREATMENT.

**If in eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. For further treatment get medical attention.

**If swallowed, vomiting should be induced.** Administer water freely, and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by striking the back of the throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately.

**If on skin,** wash thoroughly with soap and warm water.

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## ENVIRONMENTAL HAZARDS.

Do not use on other crops grown for food or forage. Do not apply directly to water or wetlands. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Do not allow sprays to drift onto adjacent desirable plants. Observe all cautions and limitations on labeling of all products used in mixtures.

**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.

## RE-ENTRY STATEMENTS.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: WARNING: area treated with SENCOR SOLUPAK herbicide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label.)

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## STORAGE AND DISPOSAL.

**Pesticide Disposal.** Do not contaminate water for drinking, irrigation, or disposal.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal.** Do not use container in connection with food, feed, or drinking water. Completely empty container into application equipment. Then dispose of empty container in a sanitary location, preferably incineration, or if allowed by State and local authorities, by other means and only out of sight.

Caution: Do not mix with other pesticides. Do not mix with other pesticides. Do not mix with other pesticides. Do not mix with other pesticides. Do not mix with other pesticides. Do not mix with other pesticides.

Handle and apply in accordance with label directions to prevent exposure to humans. Wear protective clothing and equipment. Do not eat, drink, or smoke while handling this material. 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 leaking circumstances, keep unauthorized people away. You may want the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816 242 2582. In Kansas City, Missouri, call 800 424 9300.

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**SENCOR SOLUPAK 75% DF**

402-7672.YLD

Base Pre-Reg. (7672)

U.S. LABEL

Reason to Issue: Delete the geographical restriction "East of the Cascades" for lentils and dry field peas in Oregon and Washington.

Date of Draft: 10/9/92 (Pre-Reg (H))

# SENCOR SOLUPAK

75% Dry Flowable Herbicide

EPA Reg No. 3125-402

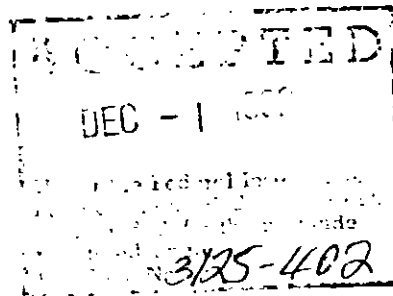
**ACTIVE INGREDIENT:**

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one ..... 75%

INERT INGREDIENTS:..... 25%  
100%

**AMENDMENT TO CURRENTLY REGISTERED LABELING**

REVISE TO READ AS FOLLOWS:



SENCOR SOLUPAK Herbicide

LENTILS AND DRY FIELD PEAS  
(Idaho, Oregon, Washington and Montana)

SENCOR herbicide is recommended as a preemergence and postemergence application for the suppression of certain broadleaf weeds in lentils and dry field peas.

**WEEDS SUPPRESSED\***

- Common Chickweed\*\*
- Dog Fennel
- Field Pennycress
- Henbit\*\*
- Lambsquarters
- Shepherdspurse\*\*
- Wild Mustard

\*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field.

\*\*Preemergence application only.

**PREEMERGENCE APPLICATION:** Make a single preemergence application of SENCOR SOLUPAK at 1/3 to 1/2 pound per acre per crop year. Apply in 20 or more gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with aerial spray equipment. Apply SENCOR SOLUPAK before or after planting, BUT BEFORE CROP GERMINATES. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate SENCOR SOLUPAK into the top 1 to 2 inches of soil with spike harrows, or similar shallow incorporation equipment, then cross harrow to insure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application should provide adequate weed suppression.

Use the higher rate on fine-textured soils (high in clay or organic matter) and in fields with a history of high weed populations.

**POSTEMERGENCE APPLICATION:** Use 1/6 to 1/4 lb. of SENCOR SOLUPAK per acre on lentils and spring peas. On winter peas, use 1/4 to 1/3 lb. of SENCOR SOLUPAK per acre. For suppression of dog fennel, use 1/3 lb. SENCOR SOLUPAK per acre. Apply specified dosage in 20 or more gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with aerial spray equipment. Do not exceed 40 psi with ground spray equipment. Apply as a broadcast spray when weeds are small (less than 2 inches in height or diameter) and before crop is 6 inches tall.

One postemergence application may be made per season.

Temporary chlorosis of crop may occur. There is an added risk of crop injury if a postemergence application is made following a previous metribuzin application.

Do not apply over very moist soils or wet crop foliage. Do not apply postemergence within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur.

Do not apply within 24 hours of treatment with other pesticides.

**SPECIAL PRECAUTIONS (all applications):** Crop injury may result if crop is under stress conditions caused by cold weather, low fertility, disease or insect damage.

Crop injury may also result if application is followed by heavy rain.

Do not use on coarse-textured soils, sandy soils or any soil with less than 1.5% organic matter.

Do not apply to "Estin" lentils.

Do not use on clay knobs or poorly covered subsoils.

Do not apply on shallow seedings less than 2 inches deep (preemergence only).

Do not apply within 50 days of harvest of peas, or within 75 days of harvest of lentils. Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping and shut off spray booms while turning, slowing or stopping, or crop injury will occur.

**NOTE:** This treatment may cause some chlorosis or minor necrosis. Because lentil and pea varieties may vary in their susceptibility to SENCOR SOLUPAK, determining crop tolerance prior to adoption as a field scale practice is suggested to prevent possible injury.

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