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sencor(R) SOLUPAK

75% Wettable Powder
Herbicide in
water soluble
packets

Chemagro

NEW
Water Soluble
packets

WESTERN CANADA

(For Eastern Canada see reverse side)

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sencor(R) SOLUPAK(TM)

75% Wettable
Powder Herbicide in
water soluble
packets

AGRICULTURAL

2.5 Kilograms

(5 x 500 gram water soluble packets)

Contains metribuzin
For control of certain grasses and
broadleaf weeds

GUARANTEE: metribuzin.....75%

U.S. Patent No. 3 671 523

REGISTRATION NO. 20,544

PEST CONTROL PRODUCTS ACT

Chemagro

DO NOT SELL WATER SOLUBLE PACKETS SEPARATELY. KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE IN A COOL DRY PLACE BUT NOT BELOW FREEZING (0')

CAUTION

KEEP OUT OF REACH OF CHILDREN

(See below for additional caution statements.)

READ THIS LABEL AND
ATTACHED BROCHURE BEFORE USING

NEW

Water soluble packets

CHEMAGRO LIMITED
2281 Ness Ave.,
Winnipeg, Manitoba
R3J 1A5

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

WESTERN CANADA USES

GENERAL INFORMATION

SENCOR SOLUPAK selective herbicide provides excellent control of certain grasses and broadleaf weeds. As with many herbicides, weed control and crop tolerance may vary with growing conditions, rainfall and/or soil texture.

MIXING: The enclosed packets are water soluble and will dissolve completely in water. After opening outer bag, drop the required number of unopened inner packets into the spray tank as directed. Do not excessively handle water soluble packets or expose to moisture since this may cause breakage. Do not allow packets to become wet prior to mixing spray solution. Do not handle with wet hands. Reseal outer bag to protect remaining packets.

1. The spray tank should be filled 1/4 to 1/3 full of water.
2. While recirculating and with the agitator running, add the required number of water soluble packets, as determined under "Recommended Applications," to the spray tank as you continue filling the tank to the

desired level of water. One packet contains 500 grams of SENCOR SOLUPAK. If it is determined, under "Recommended Applications," that 5 kg of SENCOR SOLUPAK should be added to the spray tank, add ten 500 gram packets. The packets should be completely dissolved in 5 to 10 minutes.

3. As with any pesticide, maintain adequate agitation prior to and during spraying.

CAUTION: Do not use packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of water soluble packets and Boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol.

DIRECTIONS FOR USE - TRIAZINE TOLERANT RAPESEED - PREPLANT INCORPORATED
WESTERN CANADA

NOTE: THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

SENCOR PLUS TREFLAN - TANK-MIX PREPLANT INCORPORATED: SENCOR SOLUPAK may be applied in a tank-mix combination with Treflan 545 E.C. as a preplant incorporated broadcast application to Triazine Tolerant Rapeseed for the control of many annual grasses and broadleaf weeds.

LAND PREPARATION: Cultivate to destroy existing weeds before SENCOR + Treflan E.C. application. When applying to stubble fields, chop and thoroughly mix crop residues into soil to a depth of 10-15 cm. Disc type implements provide the best results. To avoid concentrating wild oat seeds below the treated layer, do not plow (moldboard) land prior to SENCOR + Treflan E.C. application.

MIXING INSTRUCTIONS: REFER TO PAGE 2 OF THIS LABEL FOR COMPLETE MIXING DIRECTIONS FOR WATER SOLUBLE PACKETS. IT IS IMPORTANT TO FOLLOW THE CORRECT SEQUENCE WHEN MIXING SENCOR SOLUPAK and TREFLAN 545 E.C. IN THE SPRAY TANK.

The following steps are essential when combining Treflan 545 E.C. with SENCOR SOLUPAK:

1. Fill the spray tank 1/4 to 1/3 full with clean water.
2. While continuing to fill the spray tank and with the agitation and recirculating system operating, slowly add the full amount of SENCOR SOLUPAK for that tank load.
3. Fill the spray tank to the desired level with clean water, while maintaining constant agitation of the mixture.

4. After the full amount of SENCOR is thoroughly mixed, add the calculated amount of Treflan 545 E.C. to the tank and agitate thoroughly.
5. Continuous agitation is required until the mixture is sprayed out. Do not allow the sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: Apply the tank-mix of SENCOR Treflan E.C. to the soil surface and incorporate in the same operation if possible. Do not delay first incorporation more than 24 hours after application. Apply the tank-mix in at least 100 L of water per hectare (broad-cast basis). Application may be made with any properly calibrated commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002 or TK 2 with nozzle screens no finer than 0.3 mm (50 mesh).
2. 0.3 mm (50 mesh) or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture even while the booms are operating. NOTE: Felt filters, smaller nozzle tips or smaller screens will become clogged.

INCORPORATION: To incorporate, work SENCOR + Treflan E.C. into the soil in two different directions. Use a tandem disc, discer or field (Vibrashank type) cultivator set to work 8-10 cm deep for the first incorporation. Disc or cultivate in a cross direction at the same depth. Operate disc implements at 7-10 km/hr and cultivators at 10 - 13 km/hr. (Deep tillage cultivator not recommended.)

- SENCOR + Treflan E.C. should not be incorporated with a field cultivator when the soil is crusted, lumpy, or too wet for good mixing action.
- Disc type implements are preferred on stubble to ensure 10 cm depth of operation.
- Incorporation with implements set to cut less than 8 cm deep or more than 10 cm deep may result in erratic weed control or crop damage.
- Rod weeders, harrows, deep tillage cultivators, chisel plows, or hoe drills will not properly incorporate SENCOR + Treflan E.C.

FALL APPLICATION: SENCOR + Treflan E.C. can be applied in the fall, prior to soil freeze-up for weed control the following year. Apply fall rates and

follow land preparation and incorporation directions above. The initial incorporation must be done within 24 hours after application. It is preferred to do both incorporations in the fall followed by shallow tillage, (5-8 cm) in the spring prior to planting. However, one incorporation may be done in the fall and the second in the spring at the time of seed bed preparation, provided both operations are done at the recommended depth (refer to incorporation directions).

SPRING TILLAGE FOR SEEDBED PREPARATION: Spring tillage following Fall application of SENCOR + Treflan E.C. should be done when the soil is warm enough to promote germination. Use a disc or Vibrashank cultivator operated at 5 - 8 cm deep. Avoid transplanting weed seedlings; seed into a weed-free seedbed using accepted cultural practices.

WEEDS CONTROLLED BY SENCOR Plus TREFLAN TANK-MIX PREPLANT INCORPORATED

GRASS WEEDS:

Annual blue grass	Goose grass
Barnyard grass	Persian darnel
Brome grass	Stink grass
Cheat grass	Wild oats
Foxtails, green and yellow (Wild millet)	

BROADLEAF WEEDS:

Carpetweed	Redroot pigweed
Chickweed	Russian thistle
Cow cockle	Shepherds'-purse
Green smartweed	Stinkweed
Hemp-nettle	Volunteer rapeseed
Knotweed	(non-triazine tolerant)
Lady's-thumb	Wild buckwheat
Lamb's-quarters	Wild mustard
Purslane	

RECOMMENDED APPLICATIONS - TRIAZINE TOLERANT RAPESEED

Select the proper dosage of SENCOR SOLUPAK and Treflan 545 E.C. as shown, based on soil type and percent organic matter. Apply proper dosage in at least 100 L of water/hectare as a broadcast spray to the soil surface. Follow all land preparation, mixing, spraying, incorporation directions and precautions on this label.

Spring Application

CROP	SOIL TEXTURE	SENCOR SOLUPAK*	TREFLAN 545 E.C.
		DOSAGE	
Triazine Tolerant Rapeseed (Pedigreed seed only)	LIGHT- Sand, sandy loam (less than 6% organic matter)	275-375 g/ha	1.5 L/ha
	MEDIUM or HEAVY- Loam, silt loam, silt, sandy clay loam, silty clay loam, clay loam, silty clay, clay (all soils with 6-15% organic matter)	375-550 g/ha	2.0- 2.6**L/ha
<p>* SENCOR SOLUPAK rate varies with organic matter; the higher the organic matter the higher the rate of SENCOR required.</p> <ul style="list-style-type: none"> - on all soils with 2-3% organic matter, use 275 g/ha - on all soils with 3-6% organic matter, use 375 g/ha - on all soils with 6-10% organic matter, select a rate in the range of 375-550 g/ha according to soil organic matter - on all soils with 10% organic matter or greater, use 550 g/ha <p>**On soils where Wild oat infestation is heavy in soils with high organic matter content (i.e. 6-15%) use the 2.6 L/ha rate of Treflan 545 E.C.</p>			

Fall Application

CROP	SOIL TEXTURE	DOSAGE	
Triazine Tolerant Rapeseed (Pedigreed seed only)	LIGHT-Sand, sandy loam (less than 6% organic matter)	375-475 g/ha	2.0 L/ha
	MEDIUM or HEAVY- Loam, silt loam, silt, sandy clay loam, silty clay loam, clay loam, silty clay, clay (all soils with 6-15% organic matter)	475-550 g/ha	2.6- 3.0**L/ha

	<p>*SENCOR SOLUPAK rate varies with soil organic matter; the higher the rate of SENCOR required.</p> <ul style="list-style-type: none"> - on all soils with 2-3% organic matter, use 375 g/ha - on all soils with 3-6% organic matter, use 475 g/ha - on all soils with 6-10% organic matter, select a rate in the range of 475-550 g/ha according to soil organic matter - on all soils with 10% organic matter or greater, use 550 g/ha <p>**On soils where Wild oat infestation is heavy in soils with higher organic matter content (i.e. 6-15%) use the 3.0 L/ha rate of Treflan 545 E.C.</p>
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NOTE

1. On variable soils with light sandy areas, some injury may occur on the sandy areas if the rate used is for the heavier soil type in the field.
2. Do not use on soils with less than 2% organic matter.
3. On soils with 10% organic matter and higher, broadleaf weed control may not be adequate.
4. Uneven application or improper soil incorporation of SENCOR/Treflan can result in erratic weed control or crop injury depending on rate used.
5. Stress conditions such as seedling disease, cold weather deep planting, excessive moisture, high salt concentration or drought may weaken rapeseed seedlings and increase the possibility of damage from SENCOR/Treflan. Temporary lightening in colour may occur on the margins of cotyledons and a slight delay in crop development may be observed. This is quickly outgrown and usually has no lasting effect.
6. THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

IMPORTANT:

Rotation crops, such as, onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year. After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops. Do not use this product on Triazine

Tolerant Rapeseed grown in MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.) As a precaution, oats, sugar beets and small-seeded annual grasses such as timothy, canary seed grass and creeping red fescue, should not be grown in rotation following a Treflan E.C. treated crop. Read the Warning, Precaution and First Aid Statements on the Treflan label before using these products.

DIRECTIONS FOR USE - TRIAZINE TOLERANT
RAPESEED - POSTEMERGENCE
WESTERN CANADA

NOTE: THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED.
NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add the recommended amount of SENCOR while the by-pass or jet agitator is operating and while continuing to fill the spray tank. Do not allow sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: SENCOR SOLUPAK may be applied using any commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502,8002, or TK 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at 8 km/hr and 200 kPa.
2. 0.3 mm or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture.

NOTE: Felt filters, small nozzle tips or smaller screens will become clogged.

WEEDS CONTROLLED BY SENCOR POSTEMERGENCE

SENCOR SOLUPAK is recommended for use in ground spray equipment as a postemergence broadcast spray to Triazine Tolerant Rapeseed according to directions on the label for the control of the following weeds:

Ball mustard	Redroot pigweed
Chickweed	Stinkweed
Corn spurry	Tartary buckwheat
Green smartweed	Volunteer rapeseed

Hemp-nettle
Lady's-thumb
Lamb's-quarters

(non-triazine tolerant)
Wild mustard

RECOMMENDED APPLICATIONS -TRIAZINE TOLERANT RAPESEED

CROP	SENCOR SOLUPAK Dosage	REMARKS
Triazine Tolerant Rapeseed (Pedigreed seed only)	275 g/ha	Apply specified dosage in at least 170 L of water per hectare. To improve coverage the spray boom may be rotated forward by 45'. Apply after weeds have emerged and are small (less than 5 cm in height or diameter). Do not use in tank-mix with other pesticides, wetting agents, or surfactants. Do not apply within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur. Do not apply more than once per crop season. Do not use in crop under-seeded with forage. Do not harvest for seed within 75 days of application.

NOTE

1. Activity on weeds may not be noticeable for 7 to 10 days after application.
2. Activity on weeds may be reduced if there is rainfall within 6 hours after application.
3. A temporary (710 days) cupping of the leaves and occasionally a slight delay (3-5 days) in crop maturity may be observed, especially if frost or abnormally high temperatures occur within 1 -2 days of application. If frost occurs, allow 4-5 days for crop to recover before applying SENCOR.
4. Activity on weeds and crop tolerance may be reduced if SENCOR is applied later than weed stage specified above.
5. Allow a 4 - 5 day interval between application of SENCOR and other pesticides.
6. THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

DIRECTIONS FOR USE - SPRING BARLEY AND SPRING WHEAT WESTERN CANADA

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add SENCOR SOLUPAK while the by-pass or jet agitator is operating and while continuing to fill the spray tank. When SENCOR SOLUPAK is used in tank-mix combination with a recommended product, add and mix SENCOR in the tank first as described above, fill tank to desired level and mix thoroughly. Then add the second product and mix thoroughly. Continuous agitation is required until the mixture is sprayed out. Do not allow sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: SENCOR SOLUPAK may be applied using any commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002, or TK 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at 8 km/hr and 200 kPa.
2. 0.3 mm or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture.

NOTE: Felt filters, small nozzle tips or smaller screens will become clogged.

WEEDS CONTROLLED BY SENCOR POSTEMERGENCE

SENCOR SOLUPAK, applied postemergence when the crop is at the 2 to 5 leaf (midtillering) stage at rates of 275 to 375 g/ha according to directions on this label, will control the following weeds:

Ball mustard	Redroot pigweed
Chickweed	Russian thistle
Common groundsel	Stinkweed
Corn spurry	Tartary buckwheat
Green smartweed	Volunteer rapeseed
Hemp-nettle	(non-triazine tolerant)
*Henbit	Wild mustard
Lady's-thumb	Wormseed mustard
Lamb's-quarters	
Night flowering catchfly (sticky cockle)	

*Apply the 375 g/ha rate for control of these weeds.

NOTE: Postemergence application at the 4 to 5 leaf stage at a rate of 200 g/ha will control the following weeds:

Chickweed	Redroot pigweed
Green smartweed	Stinkweed
Hemp-nettle (suppression)	Volunteer rapeseed (non-triazine tolerant)
Lady's-thumb	Wild mustard
Lamb's-quarters	

RECOMMENDED APPLICATIONS - SPRING BARLEY AND SPRING WHEAT

CROP	SENCOR SOLUPAK Dosage	REMARKS
Spring Barley	200 to 375 g/ha	Apply specified dosage as a postemergence broadcast spray in 80 to 100 L of water per hectare after weeds have emerged. Do not apply more than once per crop season. Crop must be planted at least 5 cm below the soil surface. Do not use in crop under-seeded with forage. Do not graze or feed treated crop to livestock within 30 days of application. Do not harvest for grain within 60 days of application.
Spring Wheat	200 to 275 g/ha	

SENCOR IN COMBINATION WITH OTHER HERBICIDES

GENERAL: Under field conditions where a weed complex exists and includes weeds not adequately controlled by SENCOR SOLUPAK alone, benefit may be obtained by applying a tank-mix combination with MCPA, Banvel (Dicamba) or 2,4-D. Read and observe all precautions and restrictions on both product labels when using a tank-mix combination treatment.

SENCOR plus MCPA (Amine 500): Apply 200 to 375 g SENCOR SOLUPAK plus 850 mL to 1.1 L MCPA (Amine 500) per hectare when the crop is at the 3 to 5 leaf (midtillering) stage and after weeds have emerged. In wheat use the 200 to 275 g of SENCOR SOLUPAK. Refer to the MCPA label for pertinent recommendations, directions for use, restrictions and additional weeds specified on the MCPA label for the 850 mL to 1.1 L (425 to 550 g active ingredient) per hectare use rate.

SENCOR plus Banvel (Dicamba): Apply 200 to 275 g SENCOR SOLUPAK plus 229 mL Banvel (110 g Dicamba acid equivalent) per hectare when the wheat and barley are in the 2 to 3 leaf stage. Application may be delayed on wheat until the 4 leaf stage; however, if the application is made at this stage, crop tolerance may be reduced.

Refer to the Banvel label for pertinent recommendations, directions for use, restrictions and additional weeds controlled.

SENCOR plus 2,4-D (Amine 500): Apply 200 to 375 g of SENCOR SOLUPAK plus 850 mL to 1.1 L of 2,4-D (Amine 500) per hectare when barley and wheat are at the 3-5 leaf (midtillering) stage and after the weeds have emerged. In wheat use 200 to 275 g of SENCOR SOLUPAK plus 850 mL to 1.1 L of 2,4-D per hectare at midtillering. Refer to the 2,4-D label for pertinent recommendations, directions for use, restrictions and additional weeds controlled with 850 mL to 1.1 L of 2,4-D per hectare.

NOTE

1. Weed control may not be noticeable for 7 to 10 days after application.
2. SENCOR may be applied when crop is wet with dew, but weed control may be reduced if there is rainfall within 6 hours after application.
3. Temporary (7-10 days) lightening in crop colour and occasionally a slight reduction in crop height may be observed, especially if frost or abnormally high temperatures occur within 1-2 days of application. If frost occurs allow 4 - 5 days for crop to recover before applying SENCOR.
4. Weed control and crop tolerance may be reduced if SENCOR is applied later than crop stage specified above.
5. Allow a 4 - 5 day interval between application of SENCOR and Wild oat herbicides.
6. Use the higher rate on barley for the best residual control of chickweed and hemp-nettle or when weed infestation is dense.
7. Klondike, Leduc and Johnston varieties of barley are less tolerant to SENCOR than other barley varieties. Some temporary lightening of crop colour may be expected and, occasionally, crop height may be slightly reduced. Apply SENCOR to Klondike, Leduc and Johnston barley in one of the following ways:
 - a. Apply 200 to 275 g/ha of SENCOR SOLUPAK alone, or

b. Apply 200 g/ha of SENCOR SOLUPAK in a tank-mix combination with MCPA.

CAUTION: Do not apply SENCOR plus Banvel (Dicamba) or Dicamba combinations, or SENCOR plus 2,4-D combinations.

8. Not recommended for use on soils containing less than 3.0% organic matter. Applications made before heavy rainfall or irrigation (3 cm or more) on these low organic matter soils, may cause crop injury ranging from leaf burn to stand reduction.

DIRECTIONS FOR USE - FIELD PEAS

WESTERN CANADA

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add the recommended amount of SENCOR while the by-pass or jet agitator is operating and while continuing to fill the spray tank. Do not allow sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: SENCOR SOLUPAK may be applied using any commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002, or TK 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at 8 km/hr and 200 kPa.
2. 0.3 mm or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture.

NOTE: Felt filters, small nozzle tips or smaller screens will become clogged.

WEEDS CONTROLLED BY SENCOR POSTEMERGENCE

SENCOR SOLUPAK, applied postemergence according to directions on this label, will control the following weeds in field peas:

Ball mustard	Stinkweed
Chickweed	Tartary buckwheat
Corn spurry	Volunteer rapeseed
Green smartweed	(non-triazine tolerant)

Hemp-nettle
Lamb's-quarters

Wild mustard

RECOMMENDED APPLICATIONS - FIELD PEAS

CROP	SENCOR SOLUPAK Dosage	REMARKS
Field Peas	225 to 375 g/ha	Apply specified dosage in at least 170 L of water per hectare. To improve coverage the spray boom may be rotated forward by 45'. Apply after weeds have emerged and are small (less than 5 cm in height or diameter) and before pea vines are 15 cm long. Use the higher rate when weed infestation is dense. Do not tank-mix with other pesticides, wetting agents, or surfactants. Do not apply within 3 days after period of cool, wet, or cloudy weather or crop injury may occur. Do not apply more than once per crop season. Do not use on field peas grown under irrigation. Crop must be planted at least 5 cm below the soil surface. Do not use in crop underseeded with forage. Do not graze or feed treated crop to livestock within 70 days of application. Do not harvest within 70 days of application.

NOTE

1. Activity on weeds may not be noticeable for 7 to 10 days after application.
2. Activity on weeds may be reduced if there is rainfall within 6 hours after application.
3. Temporary (7-10 days) lightening in crop colour and occasionally a slight reduction in crop height may be observed, especially if frost or abnormally high temperatures occur within 1 to 2 days of application. If frost occurs allow 4 to 5 days for crop to recover before applying SENCOR.
4. Activity on weeds and crop tolerance may be reduced if SENCOR is applied later than crop stage specified above.
5. Allow a 4 to 5 day interval between application of SENCOR and other

pesticides.

6. Not recommended for use on soils containing less than 4.0% organic matter. Applications made before heavy rainfall (3 cm or more) on these low organic matter soils, may cause crop injury ranging from leaf burn to stand reduction.
7. Peas may provide poor competition against weed growth. Under conditions of heavy weed pressure or lush weed growth, this treatment may not provide adequate control due to regrowth of some weeds.

DIRECTIONS FOR USE - LENTILS WESTERN CANADA

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add the recommended amount of SENCOR SOLUPAK while the by-pass or jet agitator is operating and while continuing to fill the spray tank. Do not allow sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: SENCOR SOLUPAK may be applied using any commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002, or TK 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at 8 km/hr and 200 kPa.
2. 0.3 mm or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture.

NOTE: Felt filters, small nozzle tips or smaller screens will become clogged.

WEEDS CONTROLLED BY SENCOR POSTEMERGENCE

SENCOR SOLUPAK is recommended for use in ground spray equipment as a postemergence broadcast spray to lentils according to directions on this label for suppression of the following weeds:

Ball mustard	Stinkweed
Chickweed	Tartary buckwheat
Corn spurry	Volunteer rapeseed
Green smartweed	(non-triazine tolerant)
Hemp-nettle	Wild mustard

Lamb's-quarters

RECOMMENDED APPLICATIONS - LENTILS

CROP	SENCOR SOLUPAK Dosage	REMARKS
Lentils	275 g/ha	Apply specified dosage in at least 170 L of water per hectare. To improve coverage the spray boom may be rotated forward by 45'. Apply after weeds have emerged and are small (less than 5 cm in height or diameter) and before lentil vines are 15 cm long. Do not tank-mix with other pesticides, wetting agents, or surfactants. Do not apply within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur. Do not apply more than once per crop season. Crop must be planted at least 5 cm below the soil surface. Do not use in crop underseeded with forage. Do not graze or feed treated crop to livestock within 70 days of application. Do not harvest within 70 days of application.

NOTE

1. Activity on weeds may not be noticeable for 7 to 10 days after application.
2. Activity on weeds may be reduced if there is rainfall within 6 hours after application.
3. Temporary (7 to 10 days) lightening in crop colour and occasionally a slight reduction in crop height may be observed, especially if frost or abnormally high temperatures occur within 1 to 2 days of application. If frost occurs allow 4 to 5 days for crop to recover before applying SENCOR.
4. Activity on weeds and crop tolerance may be reduced if SENCOR is applied later than crop stage specified above.
5. Allow a 4 to 5 day interval between application of SENCOR and other pesticides.
6. Not recommended for use on soils containing less than 4.0% organic

matter. Applications made before heavy rainfall or irrigation (3 cm or more) on these low organic matter soils may cause crop injury ranging from leaf burn to stand reduction.

7. Lentils provide little competition against weed growth due to their low growth habit. Under conditions of heavy weed pressure or lush weed growth, this treatment may not provide adequate control due to regrowth of some weeds.

DIRECTIONS FOR USE - SOYBEANS WESTERN CANADA

SENCOR PLUS TREFLAN - TANK-MIX PREPLANT INCORPORATED: SENCOR SOLUPAK may be applied in a tank-mix combination with Treflan 545 E.C. as a preplant incorporated broadcast application to soybeans for the control of many annual grasses and broadleaf weeds.

LAND PREPARATION: Cultivate to destroy existing weeds before SENCOR + Treflan E.C. application. When applying to stubble fields, chop and thoroughly mix crop residues into soil to a depth of 10-15 cm. Disc type implements provide the best results. To avoid concentrating wild oat seeds below the treated layer do not plow (moldboard) land prior to SENCOR + Treflan E.C. application.

MIXING INSTRUCTIONS: REFER TO PAGE 2 OF THIS LABEL FOR COMPLETE MIXING DIRECTIONS FOR WATER SOLUBLE PACKETS. IT IS IMPORTANT TO FOLLOW THE CORRECT SEQUENCE WHEN MIXING SENCOR SOLUPAK and TREFLAN 545 E.C. IN THE SPRAY TANK.

The following steps are essential when combining Treflan 545 E.C. with SENCOR SOLUPAK:

1. Fill the spray tank 1/4 to 1/3 full with clean water.
2. While continuing to fill the spray tank and with the agitation and recirculating system operating, slowly add the full amount of SENCOR SOLUPAK for that tank load.
3. Fill the spray tank to the desired level with clean water while maintaining constant agitation of the mixture.
4. After the full amount of SENCOR is thoroughly mixed, add the calculated amount of Treflan 545 E.C. to the tank and agitate thoroughly.
5. Continuous agitation is required until the mixture is sprayed out. Do not allow the sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: Apply the tank-mix of SENCOR + Treflan E.C. to the soil surface and incorporate in the same operation if possible. Do not delay first incorporation more than 24 hours after application. Apply the tank-mix in at least 100 L of water per hectare (broadcast basis). Application may be made with any properly calibrated commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002 or TK 2 with nozzle screens no finer than 0.3 mm (50 mesh).
2. 0.3 mm (50 mesh) or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture even while the booms are operating.

NOTE: Felt filters, smaller nozzle tips or smaller screens will become clogged.

INCORPORATION: To incorporate, work SENCOR + Treflan E.C. into the soil in two different directions. Use a tandem disc, discer or field (Vibrashank type) cultivator set to work 8-10 cm deep for the first incorporation. Disc or cultivate in a cross direction at the same depth. Operate disc implements at 7-10 km/h and cultivators at 10-13 km/h. (Deep tillage cultivator not recommended.)

- . SENCOR + Treflan E.C. should not be incorporated with a field cultivator when the soil is crusted, lumpy, or too wet for good mixing action.
- . Disc type implements are preferred on stubble to ensure a 10 cm depth of operation.
- . Incorporation with implements set to cut less than 8 cm deep or more than 10 cm deep may result in erratic weed control or crop damage. - Rod weeders, harrows, deep tillage cultivators, chisel plows, or hoe drills will not properly incorporate SENCOR + Treflan E.C.

WEEDS CONTROLLED BY SENCOR Plus TREFLAN

Grass Weeds	Goose grass
Annual blue grass	Persian darnel
Barnyard grass	Stink grass
Brome grass	Wild oats
Cheat	
Foxtails, green and yellow (Wild millet)	

Broadleaf Weeds

Carpetweed	Russian thistle
Chickweed	Redroot pigweed
Cowcockle	Shepherd's-purse
Green smartweed	Stinkweed
Hemp-nettle	Volunteer rapeseed
Knotweed	(non-triazine tolerant)
Lady's-thumb	Wild buckwheat
Lamb's-quarters	Wild mustard
Purslane	

RECOMMENDED APPLICATIONS - SOYBEANS

Select the proper dosage of SENCOR SOLUPAK and Treflan 545 E.C. as shown, based on soil type and percent organic matter. Apply proper dosage in at least 100 L of water/hectare as a broadcast spray to the soil surface. Follow all land preparation, mixing, spraying, incorporation directions and precautions on this label.

CROP	SOIL TEXTURE	SENCOR SOLUPAK*	TREFLAN 545 E.C.
		DOSAGE	
Soybeans (Western Canada only)	LIGHT- Sand, sandy loam (less than 6% organic matter)	275-375 g/ha	1.5 L/ha
	MEDIUM or HEAVY- Loam, silt loam, silt, sandy clay loam, silty clay loam, clay loam, silty clay, clay (all soils with 6-15% organic matter)	375-550 g/ha	2.0-2.6** L/ha
<p>* SENCOR SOLUPAK rate varies with soil organic matter; the higher the organic matter the higher the rate of SENCOR required.</p> <ul style="list-style-type: none"> - on all soils with 2-3% organic matter, use 275 g/ha - on all soils with 3-6% organic matter, use 375 g/ha - on all soils with 6-10% organic matter, select a rate in the range of 375-550 g/ha according to soil organic matter - on all soils with 10% organic matter or greater, use 550 g/ha. <p>** On soils where Wild oat infestation is heavy and soils with high organic matter contents (i.e. 6-15%) use the 2.6 L/ha rate of Treflan 545 E.C.</p>			

NOTE:

1. On variable soils with light sandy areas, some injury may occur on the sandy areas if the rate used is for the heavier soil type in the field.
2. Do not use on soils with less than 2% organic matter.
3. On soils with 10% organic matter and higher, broadleaf weed control may not be adequate.
4. Uneven application or improper soil incorporation of SENCOR/Treflan can result in erratic weed control or crop injury depending on rate used.

SPECIAL PRECAUTIONS: Applied according to directions and under normal growing conditions, tank-mixed SENCOR/Treflan will not reduce soybean yields, however; this treatment has limited crop tolerance and initial crop injury may occur under certain circumstances. Over-application may result in stunting, crop injury or soil residue. Uneven application or improper soil incorporation of SENCOR/Treflan can result in erratic weed control or crop injury depending on rate used. Seedling disease, cold weather, deep planting, excessive moisture, high soil pH (above 7.5), high salt concentration or drought may weaken soybean seedlings and increase the possibility of damage from SENCOR/Treflan. Under these conditions, delayed crop development or reduced yields may result. Do not plant the soybean varieties Ace, Maple Amber, Baron, Apache, Nottawa, Maple Ridge or Portage on areas treated with tank-mixed SENCOR/Treflan as unacceptable injury may result.

IMPORTANT:

Rotation crops, such as, onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year. After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops. Do not use this product on soybeans grown in MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

As a precaution oats, sugar beets and small-seeded annual grasses such as Timothy, Canary Seed Grass and Creeping Red Fescue, should not be grown in rotation following a Treflan E.C. treated crop.

Read the Warning, Precaution and First Aid Statements on the Treflan label before using these products.

DIRECTION FOR USE - FABIA BEANS WESTERN CANADA

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add the recommended amount of SENCOR SOLUPAK while the by-pass or jet agitator is operating and while continuing to fill the spray tank. When SENCOR SOLUPAK is used in a tank-mix combination with a recommended product, add and mix SENCOR with water in the spray tank as described above, fill tank to the desired level, then add the second product and mix thoroughly. Continuous agitation is required until the mixture is sprayed out. Do not allow sprayer to stand without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: SENCOR SOLUPAK may be applied using any commercial tractor drawn or self propelled field sprayer equipped with the following:

1. Nozzle tips no finer than 6502, 8002, or TK 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at 8 km/hr and 200 kPa.
2. 0.3 mm or larger line strainers or screens.
3. A pump of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide a uniform spray mixture.

NOTE: Felt filters, small nozzle tips or smaller screens will become clogged.

WEEDS CONTROLLED BY SENCOR PLUS TREFLAN TANK-MIX PREPLANT INCORPORATED

SENCOR SOLUPAK may be applied in a tank-mix combination with Treflan as a preplant incorporated broadcast application to faba beans for the control of many annual grasses and broadleaf weeds.

Chickweed	Shepherd's-purse
Green smartweed	Stinkweed
Hemp-nettle	Volunteer rapeseed
Lady's-thumb	(non-triazine tolerant)
Lamb's-quarters	Wild mustard
Redroot pigweed	

Refer to the Treflan label for additional weeds not specified on this label.

RECOMMENDED APPLICATIONS - FABIA BEANS

CROP	SENCOR SOLUPAK E.C. Dosage	TREFLAN 545 Dosage	REMARK
Faba beans Spring Application	375 to 550 g/ha	and 1.5 to 2.0 L/ha	Apply specified dosages of SENCOR and Treflan as a tank-mix preplant incorporated treatment in 80 to 100 L of water per hectare.
Faba beans Fall Application	550 g/ha	and 2.0 to 2.6 L/ha	
NOTE: For proper soil preparation, application, soil incorporation technique and restrictions see the appropriate section of the Treflan label.			

SPECIAL PRECAUTIONS: Uneven application or improper soil incorporation of SENCOR/Treflan can result in erratic weed control and/or crop injury.

IMPORTANT

Rotation crops such as onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR SOLUPAK during the year of application and the following crop year.

After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

Do not use this product on faba beans grown on MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

DIRECTIONS FOR USE - POTATOES MANITOBA, SASKATCHEWAN, ALBERTA AND INTERIOR BRITISH COLUMBIA

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR SOLUPAK at the recommended rate. Mix thoroughly and add water to fill spray tank. For broadcast applications mix with water to provide 100 to 300 L of spray mixture per hectare, depending on equipment and local practices. When using SENCOR in combination with other herbicides, add SENCOR to the spray tank 1/4 to 1/3 full of water, fill the spray tank and agitate. The liquid formulation should be the last herbicide added to the tank and the

mixture agitated.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid overlaps that will increase dosages above those recommended.

WEEDS CONTROLLED BY SENCOR EARLY POSTEMERGENCE

SENCOR SOLUPAK may be applied as an early postemergence broadcast application on potatoes. Weed control with postemergence applications is most effective when sprays are applied before weeds are 4 cm high. Do not use on the varieties Belleisle, Shepody and Tobique. Do not use postemergence treatments on red-skinned or any early maturing varieties.

Ball mustard	Redroot pigweed
Chickweed	Shepherd's-purse
Corn spurry	Stinkweed
Green smartweed	Tartary buckwheat
Hemp-nettle	Volunteer rapeseed
Lady's-thumb	(non-triazine tolerant)
Lamb's-quarters	Wild mustard

RECOMMENDED APPLICATIONS- POTATOES

Apply 375 g of SENCOR SOLUPAK per hectare as a broadcast spray over the tops of the potato plants soon after they emerge, and before weeds are 4 cm high. Do not apply within 60 days of harvest.

WEEDS CONTROLLED BY SENCOR PLUS EPTAM TANK-MIX PREPLANT INCORPORATED

SENCOR SOLUPAK may be applied in a tank-mix combination with Eptam 800 E as a preplant incorporated broadcast application to potatoes for control of many annual grasses and broadleaf weeds.

Chickweed	Shepherd's purse
Green smartweed	Stinkweed
Hemp-nettle	Volunteer rapeseed
Lady's-thumb	(non-triazine tolerant)
Lamb's-quarters	Wild mustard
Redroot pigweed	

APPLICATION: For specific information on SENCOR use, methods of application, limitations, and restrictions, refer to the appropriate section of this label. For proper soil preparation, application and soil incorporation technique, see the appropriate section of the Eptam label.

PRECAUTIONS: Uneven application or improper soil incorporation of SENCOR/Eptam can result in erratic weed control and/or crop injury. Do not use on the varieties Belleisle and Tobique or on soil with greater than 7% organic matter.

RECOMMENDED APPLICATION - POTATOES

Apply 375 to 550 g of SENCOR SOLUPAK per hectare in tank-mix combination with 4.25 to 5.5 L Eptam 800 E per hectare as a preplant incorporated treatment. Refer to the Eptam label for pertinent recommendations, restrictions and any additional weeds not specified on this label.

IMPORTANT

Fall seeded or cover crops such as wheat, oats and rye may be injured when seeded within the same season as the application of SENCOR.

Rotation crops such as onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco, rapeseed (non-triazine tolerant) and sunflower are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year.

After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

Do not use this product on potatoes grown on MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

FOR ADDITIONAL USES IN ALBERTA UNDER IRRIGATION AND IN COASTAL BRITISH COLUMBIA SEE THE EASTERN CANADA POTATO SECTION OF THIS LABEL.

PRECAUTIONS

Do not exceed rates recommended on this label. Uneven application such as swath overlapping, variable tractor speed, spraying on turns, etc., may result in crop injury and increase chances of injury to succeeding crops. Do not use on other crops grown for food or forage unless they are specified on this label. Use only according to label directions. Do not contaminate any

body of water nor apply to any area not specified on this label. Do not allow sprays to drift onto adjacent desirable plants. This product is not to be used in combination with any other product except as specifically recommended on this label.

SPRAYER CLEANUP

Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other crops to be sprayed. Drain any remaining spray solution of SENCOR from the spray tank and discard in non-crop areas away from water supplies. Rinse the spray tank and refill with water; adding a heavy-duty detergent at the rate of 250 mL/100 L 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 the spray tank, nozzles or spray rig.

DISPOSAL OF EMPTY CONTAINER

1. Do not reuse the container.
2. Completely empty the container into application equipment and add all rinsings to the spray mixture in the tank.
3. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
4. Dispose of the empty container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills contact the regional office of Conservation and Protection, Environment Canada.

CAUTION

May be harmful if swallowed or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing of spray mist. 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.

Obtain prompt medical aid if poisoning should occur.

To Physician: Treat the patient symptomatically.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation.

FIRST AID: In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (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 sticking finger down throat. Repeat until vomit fluid is clear. The patient should be lying down with the head below the foot level and facing down onto one side. Professional medical assistance should be secured immediately. DO NOT INDUCE VOMITING TO AN UNCONSCIOUS PERSON OR TO PERSONS IN A CONVULSIVE STATE. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash immediately with flowing water for at least 15 minutes and get medical attention.

NOTICE

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Banvel is a Reg. TM of Velsicol Chemical Corporation.

Eptam is a Reg. TM of Stauffer Chemical Company Ltd.

Treflan is a Reg. TM of Elanco Products Company

SENCOR is a Reg. TM of Bayer AG. Germany.

SOLUPAK - TM pending

Chemagro Limited
256 Britannia Road East
Mississauga - Ontario -
L4Z 1S6

PRINTED IN CANADA 882220

sencor(R) SOLUPAK

75% Wettable Powder
Herbicide in
water soluble
packets

Chemagro

NEW

Water Soluble packets

EASTERN CANADA

(For Western Canada see reverse side)

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sencor(R) SOLUPAK (TM)

75% Wettable Powder Herbicide in water soluble packets

AGRICULTURAL

2.5 Kilograms

(5 x 500 gram water soluble packets)

Contains metribuzin

For control of certain grasses and broadleaf weeds

GUARANTEE: metribuzin.75%

U.S. Patent No. 3 671 523

REGISTRATION NO. 20,544

PEST CONTROL PRODUCTS ACT

DO NOT SELL WATER SOLUBLE PACKETS SEPARATELY. KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE IN A COOL DRY PLACE BUT NOT BELOW FREEZING (0')

CAUTION

KEEP OUT OF EACH OF CHILDREN

(See below for additional caution statements.)

READ THIS LABEL AND ATTACHED BROCHURE BEFORE USING

NEW

Water Soluble packets

CHEMAGRO LIMITED

256 Britannia Road East,
Mississauga, Ontario,
L4Z 1S6

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

EASTERN CANADA USES GENERAL INFORMATION

SENCOR SOLUPAK selective herbicide provides excellent control of certain grasses and broadleaf weeds. As with many herbicides, weed control and crop tolerance may vary with growing conditions, rainfall and/or soil texture.

MIXING: The enclosed packets are water soluble and will dissolve completely in water. After opening outer bag, drop the required number of unopened inner packets into the spray tank as directed. Do not excessively handle water soluble packets or expose to moisture since this may cause breakage. Do not allow packets to become wet prior to mixing spray solution. Do not handle with wet hands. Reseal outer bag to protect remaining packets.

1. The spray tank should be filled 1/4 to 1/3 full of water.
2. While recirculating and with the agitator running, add the required number of water soluble packets, as determined under "Recommended Applications," to the spray tank as you continue filling the tank to the desired level of water. One packet contains 500 grams of SENCOR SOLUPAK. If it is determined, under "Recommended Applications," that 5 kg of SENCOR SOLUPAK should be added to the spray tank, add ten 500 gram packets. The packets should be completely dissolved in 5 to 10 minutes.
3. As with any pesticide, maintain adequate agitation prior to and during spraying.

CAUTION: Do not use packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of water soluble packets and Boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol.

DIRECTIONS FOR USE - SOYBEANS EASTERN CANADA

SENCOR SOLUPAK is recommended for use as a preemergence surface application for control of certain grasses and broadleaf weeds in soybeans. Make a single application as a band or broadcast spray during the planting or in a separate operation after planting but before the crop emerges. Seed must be planted at

least 4 cm below the soil surface. Preemergence applications of SENCOR SOLUPAK give better weed control if moisture, either as rain or a light irrigation, is available shortly after treatment. In areas of low rainfall, preemergence applications to dry soil should be followed with light irrigation. Do not apply a heavy irrigation immediately after application. Soil incorporation is not recommended at time of application except where specified on this label, since it does not appear to enhance weed control and may contribute to decreased crop tolerance. The soil surface should be well prepared and free of trash and clods. If dry conditions persist for an extended period after application a shallow cultivation or rotary hoeing will help to activate the chemical and prevent soil crusting.

Do not use on the varieties Ace, Maple Amber, Baron, Apache, Nottawa or Maple Ridge.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR SOLUPAK at the recommended rate. Mix thoroughly and add water to fill spray tank. For broadcast applications mix with water to provide 150 to 300 L of spray mixture per hectare, depending on equipment and local practices. When using SENCOR in combination with other herbicides, add SENCOR SOLUPAK to the spray tank 1/4 to 1/3 full of water, fill the spray tank and agitate. The liquid formulation should be the last herbicide added to the tank and the mixture agitated.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid over-laps that will increase dosages above those recommended.

WEEDS CONTROLLED BY SENCOR

PREEMERGENCE

SENCOR SOLUPAK applied preemergence, according to directions, will effectively control:

GRASS WEEDS:

Barnyard grass	Green foxtail
Cheat grass	Johnsongrass (seedling)

Crab grass
 Fall panicum
 Giant foxtail

Witch grass
 Yellow foxtail

BROADLEAF WEEDS:

Carpetweed
 Cocklebur
 Common chickweed
 Common ragweed
 Dandelion (seedling)
 Green smartweed
 Jimsonweed
 Lady's-thumb
 Lamb's-quarters

Prickly mallow
 Prostrate pigweed
 Redroot pigweed
 Russian thistle
 Shepherd's-purse
 Velvetleaf
 Wild mustard
 Wild potato vine
 Yellow woodsorrel

RECOMMENDED APPLICATIONS - SOYBEANS

CROP	REMARKS		
Soybeans	<p>PREEMERGENCE BROADCAST: Select the proper dosage as shown below based on soil type and percent organic matter. Apply proper dosage in 150 to 300 L of water per hectare as a broadcast spray to the soil surface. Do not apply to sandy soils. Do not apply to light soils (sandy loam and loamy sand) containing less than 2% organic matter. Do not apply more than once per season, regardless of method of application. Do not use treated vines for feed or forage.</p> <p>Dosage of SENCOR SOLUPAK per Hectare</p>		
	ORGANIC MATTER		
		Less than 2%	2 to 4%

	LIGHT SOILS (Sandy loam, loamy sand)	DO NOT USE	550 g	750 g
	MEDIUM SOILS (Loam, silt loam, silt, sandy clay, sandy clay loam)	750 g	925 g	1.1 kg
	HEAVY SOILS (Silty clay, silty clay loam, clay, clay loam)	1.1 kg	1.25 kg	1.5 kg
<p>PREEMERGENCE BAND: Use proportionally less SENCOR SOLUPAK per hectare.</p> <p>EXAMPLES: To treat a 40 cm band on rows 80 cm apart, use one-half of the broadcast rate.</p> <p>To treat a 35 cm band on rows 105 cm apart, use one-third of the broadcast rate.</p> <p>Spray equipment should be calibrated to deliver 400 mL to 1.5 L/cm of band width, regardless of row spacing. Use flat fan spray tips mounted behind press or row wheel for application during planting. Weeds between treated bands should be removed by cultivating as needed, using protective fenders to keep freshly turned soil off treated bands. Do not apply to sandy soils. Do not apply to light soils (sandy loam and loamy sand) containing less than 2% organic matter. Do not apply more than once per season, regardless of method of application. Do not use treated vines for feed or forage.</p>				
<p>This product must be applied in strict accordance with the "DIRECTIONS FOR USE" and "RECOMMENDED APPLICATIONS". Applications of SENCOR SOLUPAK made at rates above those recommended may result in burning, yellowing or stunting of the crop. If heavy rains occur soon after application, plant injury may result, especially in poorly drained areas where water may stand for several days.</p>				

SENCOR IN COMBINATION WITH OTHER HERBICIDES

Read and observe all precautions and restrictions on both product labels when using SENCOR in combination with another herbicide.

SENCOR Plus Amiben(R) Tank-Mix Preemergence: SENCOR SOLUPAK may be applied in

a tank-mix combination with Amiben as a preemergence broadcast or band application to soybeans. Apply SENCOR and Amiben at rates one-third less than when they are used alone. Refer to the Amiben label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

SENCOR Plus Dual(R) Tank-Mix Preemergence: SENCOR SOLUPAK may be applied in a tank-mix combination with Dual as a preemergence broadcast or band application to soybeans when annual grasses are a major problem. Use the rate shown for SENCOR when it is applied alone as a preemergence application. When broadleaf weed populations are low, rates of SENCOR may be reduced 25%. Refer to the Dual label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

SENCOR Preemergence Following Dual Preplant Incorporated: SENCOR SOLUPAK may be applied as a preemergence broadcast or band overlay application on soybeans following a preplant incorporated treatment of Dual when annual grasses or yellow nutsedge are a major problem. Use the rate shown for SENCOR when it is applied alone. When broadleaf weed populations are low, rates of SENCOR may be reduced 25%. Refer to the Dual label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

SENCOR Preemergence Following Treflan(R) Preplant Incorporated: SENCOR SOLUPAK may be applied as a preemergence broadcast or band overlay application on soybeans following a preplant incorporated treatment of Treflan. When annual grasses are a major problem, use the rate shown for SENCOR when it is applied alone as a preemergent application. Where broadleaf weed populations are low, rates of SENCOR may be reduced 25%. Refer to the Treflan label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

SENCOR plus Treflan or Dual Tank-Mix Preplant Incorporated: Refer to the Treflan label for pertinent recommendations, restrictions and any additional weeds not specified on this label. Refer to the Dual label for specific information regarding control of yellow nutsedge.

BROADCAST RATES PER HECTARE:

Soil Texture-a/	SENCOR SOLUPAK + Dosage	DUAL 960 E or Dosage	TREFLAN 545 E.C. Dosage
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LIGHT (loamy sand-b/, sandy loam -c/)	550 g/ha	1.75-2.75 L/ha	1.1 L/ha
MEDIUM (loam, silt loam, silt, sandy clay, sandy clay loam)	750 g/ha	1.75-2.75 L/ha	1.5 L/ha
HEAVY (silty clay, silty clay loam -c/, clay loam, clay -d/)	750 g/ha	1.75-2.75 L/ha	2.1 L/ha

- a/ On variable soils with light sandy areas, some injury may occur on the sandy areas if the rate used is for the heavier soil type in the field.
- b/ Do not use on light soils with less than 2% organic matter.
- c/ Sandy loam and silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions.
- d/ On heavy Brookston Clay soils, the SENCOR rate should be increased to a maximum rate of 1.1 kg/ha to provide season long control.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets.

APPLICATION: For proper soil preparation application and soil incorporation technique see the appropriate section of the Treflan or Dual label.

SPECIAL PRECAUTIONS: Applied according to directions and under normal growing conditions, tank-mixed SENCOR/Treflan or SENCOR/Dual will not reduce soybean yields, however, this treatment has limited crop tolerance and initial crop injury may occur under certain circumstances. Over- application may result in stunting, crop injury or soil residue. Uneven application or improper soil incorporation of SENCOR/Treflan or SENCOR/Dual can result in erratic weed control or crop injury depending on rate used. Seedling disease, cold weather, deep planting, excessive moisture, high soil pH (above 7.5), high salt concentration or drought may weaken soybean seedlings and increase the possibility of damage from SENCOR/Treflan or SENCOR/Dual. Under these conditions, delayed crop development or reduced yields may result. Do not plant the soybean varieties Ace, Maple Amber, Baron, Apache, Nottawa or Maple Ridge on areas treated with tank-mixed SENCOR/Treflan or SENCOR/Dual as unacceptable injury may result.

IMPORTANT

Rotation crops such as onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers

and melons, tobacco, and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year.

After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

Do not use this product on soybeans grown on MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

**DIRECTIONS FOR USE - POTATOES EASTERN CANADA AND COASTAL BRITISH COLUMBIA
(and in Alberta under Irrigated Conditions)**

Applications of SENCOR SOLUPAK may be made either preemergence and/or early postemergence. Weed control with postemergence applications is most effective when sprays are applied before weeds are 4 cm high. Do not use on the varieties Belleisle or Tobique. Do not use postemergence treatments on Shepody, red-skinned or any early maturing varieties. Preemergence applications of SENCOR SOLUPAK give better weed control if moisture, either as rain or a light irrigation, is available shortly after treatment. In areas of low rainfall, preemergence applications to dry soil should be followed with light irrigation. Do not apply heavy irrigation immediately after application. Soil incorporation is not recommended at time of application, except where specified on this label, since it does not appear to enhance weed control and may contribute to decreased crop tolerance. The soil surface should be well prepared and free of trash and clods. If dry conditions persist for an extended period after application, a shallow cultivation or rotary hoeing will help to activate the chemical and prevent soil crusting.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR SOLUPAK at the recommended rate. Mix thoroughly and add water to fill spray tank. For broadcast applications mix with water to provide 100 to 300 L of spray mixture per hectare, depending on equipment and local practices. When using SENCOR in combination with other herbicides, add SENCOR to the spray tank 1/4 to 1/3 full of water fill the spray tank and agitate. The liquid formulation should be the last herbicide added to the tank and the mixture agitated.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid over-laps that will increase

dosages above those recommended.

WEEDS CONTROLLED BY SENCOR PREEMERGENCE

SENCOR SOLUPAK, applied preemergence according to directions, will effectively control:

GRASS WEEDS:

Barnyard grass	Green foxtail
Cheat grass	Johnsongrass (seeding)
Crab grass	Witch grass
Fall panicum	Yellow foxtail
Giant foxtail	

BROADLEAF WEEDS:

Carpetweed	Lamb's-quarters
Cocklebur	Prickly mallow
Common chickweed	Prostrate pigweed
Common ragweed	Red root pigweed
Corn spurry	Russian thistle
Dandelion (seeding)	Shepherd's-purse
Green smartweed	Velvetleaf
Hemp-nettle	Wild mustard
Jimsonweed	Wild potato vine
Lady's-thumb	Yellow woodsorrel

POSTEMERGENCE

SENCOR SOLUPAK, applied postemergence according to directions, will effectively control:

GRASS WEEDS:

Barnyard grass	Green foxtail
Cheat grass	Johnsongrass
Crab grass	(seedling)
Fall panicum	Witch grass
Giant foxtail	Yellow foxtail

BROADLEAF WEEDS:

Cocklebur	Lamb's-quarters
Common chickweed	Prostrate pigweed

Common ragweed
 Corn spurry
 Dandelion
 (seeding)
 Green smartweed
 Hemp-nettle
 Lady's-thumb

Redroot pigweed
 Russian thistle
 Shepherd's-purse
 Velvetleaf
 Wild buckwheat
 Wild mustard
 Wild potato vine

RECOMMENDED APPLICATIONS - POTATOES

CROP	SENCOR SOLUPAK	REMARKS
Potatoes	Dosage	
	750 g to 1.5 kg/ha	<p>PREEMERGENCE: Apply specified dosage per hectare as a broadcast spray to the soil surface immediately after seed is planted or after hilling. Avoid soil incorporation. Distribute the chemical evenly over the area to be treated. Use the higher rate for control of grass weeds.</p>
		<p>EARLY POSTEMERGENCE: Apply specified dosage per hectare as a broadcast spray over the tops of potato plants when they are less than 10 cm high and before weeds are 4 cm high. Use the higher rate for control of grass weeds or when broadleaf weeds are dense.</p> <p>Temporary yellowing or leaf burn may occur especially if crop is under stress from poor growing conditions such as periods of cool, wet and cloudy weather. Avoid postemergence application under these conditions. Do not harvest within 60 days of postemergence application.</p>
	<p>SPLIT APPLICATION: If a split application is desired, the chemical may be applied preemergence and postemergence as described above in two applications. Do not apply more than 1.5 kg/ha total per growing season. Do not harvest within 60 days of postemergence application.</p>	

HARD TO CONTROL WEEDS: SENCOR SOLUPAK will also provide some control of quackgrass and yellow nutsedge in potatoes. Use maximum label rate where these weeds are present in potatoes. Supplemental row cultivation on potatoes may also be helpful to improve control.

SENCOR IN COMBINATION WITH OTHER HERBICIDES

GENERAL: Read and observe all precautions and restrictions on both product labels when using SENCOR in combination with another herbicide.

SENCOR Plus Dalapon Tank-Mix Preemergence: SENCOR SOLUPAK may be applied at rates of 750 g to 1.1 kg/ha in a tank-mix combination with Dalapon (Basfapon(R) 74%, Dowpon(R) 74%) at 6.75 to 11.0 kg/ha as a preemergence (after emergence of grasses but before emergence of potatoes) broadcast application for suppression of emerged quackgrass and control of many broadleaf weeds and annual grasses. Refer to the Dalapon label for pertinent recommendations, directions for use, restrictions and warnings, and any additional weeds not specified on this label. CAUTION: Do not apply this tank-mix combination after emergence of potatoes since crop injury may occur.

SENCOR Preemergence or Early Postemergence Following Dalapon Preplant: SENCOR SOLUPAK may be applied at rates of 750 g to 1.1 kg/ha as a preemergence or early postemergence broadcast overlay treatment on potatoes following a preplant application of Dalapon (BASFapon 74%, Dowpon 74%) at 6.75 to 11 kg/ha for suppression of emerged quackgrass and control of many broadleaf weeds and annual grasses. Refer to the Dalapon label for pertinent recommendations, directions for use, restrictions and warnings,, and any additional weeds not specified on this label. CAUTION: Do not apply SENCOR in a tank-mix combination with Dalapon preplant incorporated.

SENCOR Plus Dual Tank-Mix Preemergence: SENCOR SOLUPAK may be applied at rates of 750 g to 1.5 kg/ha in a tank-mix combination with Dual 960 E at 2 to 2.75 L/ha as a preemergence broadcast application for control of many broadleaf weeds and annual grasses. Refer to the Dual label for pertinent recommendations, directions for use, restrictions and warnings and any additional weeds not specified on this label.

SENCOR Plus Dual Tank-Mix Preplant Incorporated: SENCOR SOLUPAK may be applied at rates of 750 g to 1.5 kg/ha in a tank-mix combination with Dual 960 E at 2 to 2.75 L/ha as a preplant incorporated broadcast application for control of many annual grasses, broadleaf weeds and yellow nutsedge. Refer to the Dual label for pertinent recommendations, directions for use, restrictions and warnings and any additional weeds not specified on this label.

SENCOR Preemergence or Early Postemergence Following Dual: SENCOR SOLUPAK may be applied at rates of 750 g to 1.5 kg/ha preemergence or early postemergence following Dual 960 E preplant incorporated at 2 to 2.75 L/ha or early postemergence following Dual 960 E preemergence at 2 to 2.75 L/ha for control of many annual grasses and broadleaf weeds and including yellow nutsedge when Dual is applied preplant incorporated. Refer to the Dual label for pertinent recommendations, directions for use, restrictions and warnings and any additional weeds not specified on this label.

Caution: Do not use Dual on the variety Superior or on sandy or coarse textured soils low in organic matter. Do not apply Dual at ground crack or if potatoes have emerged.

SENCOR Plus Eptam(R) Tank-Mix Preplant Incorporated: SENCOR SOLUPAK may be applied at rates of 750 g to 1.1 kg/ha in a tank-mix combination with Eptam 800 E at 4.25 to 5.5 L/ha as a preplant incorporated broadcast application to potatoes for control of heavy infestations of barnyard grass and many broadleaf weeds and annual grasses. Refer to the Eptam label for pertinent recommendations, directions for use, soil preparation, application and soil incorporation technique, restrictions and any additional weeds not specified on this label.

SENCOR Preemergence/Early Postemergence Following Eptam Preplant Incorporated: SENCOR SOLUPAK may be applied at rates of 750 g to 1.1 kg/ha as a preemergence or early postemergence broadcast overlay application on potatoes following a preplant incorporated treatment of Eptam 800 E at 4.25 to 5.5 L/ha for control of heavy infestations of barnyard grass and many broadleaf weeds and annual grasses. Refer to the Eptam label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.

SENCOR Plus Gramoxone(R) Tank-Mix Preemergence: SENCOR SOLUPAK may be applied at rates of 750 g to 1.1 kg/ha in a tank-mix combination with Gramoxone (200 g/L) at 2.75 L/ha as a preemergence broadcast application to potatoes after weeds have emerged for control of emerged broadleaf weeds and grasses, including quackgrass. Refer to the Gramoxone label for pertinent recommendations, directions for use, restrictions and precautions and any additional weeds not specified on this label.

IMPORTANT

Fall seeded or cover crops such as wheat, oats and rye may be injured when seeded within the same season as the application of SENCOR. Rotation crops such as onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may

be injured if planted in soil treated with SENCOR during the year of application and the following crop year. After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops. Do not use this product on potatoes grown on MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

DIRECTIONS FOR USE - TOMATOES EASTERN CANADA

SENCOR SOLUPAK provides excellent control of certain grass and broadleaf weeds in transplant tomatoes grown for processing. Do not apply to direct seeded tomatoes.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. When SENCOR SOLUPAK is used alone, fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR SOLUPAK at the recommended rate. Mix thoroughly and add water to fill spray tank. For broadcast applications mix with water to provide 150 to 300 L of spray mixture per hectare, depending on equipment and local practices.

When SENCOR SOLUPAK is tank-mixed with Treflan 545 E.C. fill the spray tank 1/4 to 1/3 full of clean water and add the recommended amount of SENCOR. Fill tank to desired level. Mix thoroughly using mechanical or bypass agitation. Add recommended amount of Treflan near end of filling operation and mix thoroughly. It is recommended that the tank mixture be applied immediately after mixing to ensure uniform application. Agitation should continue during spray operations. Apply in 150 to 300 litres of water per hectare using a properly calibrated low pressure sprayer equipped with nozzles specifically designed for herbicide application and screens no finer than 0.3 mm in the nozzles or in-line strainers. Do not allow tank-mixes to stand for prolonged periods of time.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid overlaps that will increase dosages above those recommended. Do not use air-blast or other high pressure spray equipment to apply SENCOR.

WEEDS CONTROLLED BY SENCOR

SENCOR SOLUPAK, applied according to directions, will effectively control:

GRASS WEEDS:

Barnyard grass	Green foxtail
Cheat grass	Johnsongrass
Crab grass	(seedling)
Fall panicum	Witch grass
Giant foxtail	Yellow foxtail

BROADLEAF WEEDS:

Cocklebur	Redroot pigweed
Common ragweed	Russian thistle
Dandelion (seeding)	Shepherd's purse
Green smartweed	Velvetleaf
Lady's-thumb	Wild buckwheat
Lamb's-quarters	Wild mustard
Prostrate pigweed	Wild potato vine

Refer to the Treflan label for proper incorporation instructions, pertinent recommendations, directions for use, restrictions and additional weeds not specified on this label.

RECOMMENDED APPLICATIONS - TOMATOES

CROP	SENCOR SOLUPAK	REMARKS
Transplant Tomatoes (grown for processing only)	375 g to 1.1 kg/ha	Apply specified dosage per hectare as a postemergence directed spray before weeds are 4 cm high. Avoid contacting at least the top 2/3 of the tomato foliage with spray. Best results are usually obtained when application is made about 3 weeks after transplanting. Use the lower rate on sandy soils. At the lower rate the treatment may not provide acceptable control of grasses. Do not harvest within 60 days of application. Avoid application when tomatoes are under stress from poor growing conditions such as periods of cool, wet and cloudy weather.

SENCOR IN COMBINATION WITH TREFLAN

Under field conditions where a weed complex exists and includes weeds not adequately controlled by SENCOR SOLUPAK alone, benefit may be obtained by applying a preplant incorporated tank-mix combination with Treflan 545 E.C. followed by a postemergent application of SENCOR SOLUPAK. Read and observe all precautions and restrictions on both product labels when using a tank-mix combination.

For best season long control of annual grasses and annual broadleaf weeds apply a tank-mix of SENCOR SOLUPAK with Treflan and preplant incorporate into the soil before transplanting tomatoes. Then follow up with a directed postemergence application of SENCOR SOLUPAK when weed escapes are less than 2.5 cm in height and transplants are well established (3 weeks after transplanting). Thorough spray coverage on weed foliage is essential for adequate control with postemergence applications. The total rate of two applications of SENCOR SOLUPAK should not exceed the maximum total of SENCOR SOLUPAK for each soil type.

RECOMMENDED APPLICATIONS - TOMATOES

CROP	Soil Texture	Preplant Incorporated Application	Followed by Postemergent Application
		SENCOR SOLUPAK TREFLAN 545 Dosage Dosage E.C.	SENCOR SOLUPAK Dosage

Transplant Tomatoes (grown for processing only)	LIGHT SOILS (Sandy loam, loamy sand with at least 2% organic matter)	.33 to .4 kg/ha and 1.1 L/ha	.6 kg/ha
	MEDIUM SOILS (Loam, silty loam, silt, sandy clay, sandy clay loam)	.5 to .75 kg/ha and 1.5 L/ha	.75 kg/ha
	HEAVY SOILS (Silty clay, silty clay loam, clay, clay loam)	.8 to .9 kg/ha and 2.1 L/ha	.8 to .9 kg/ha

REMARKS: Tank-mix SENCOR SOLUPAK with Treflan as described.

Apply specified dosages using 150 to 275 litres water per hectare as a broadcast spray to the soil surface and incorporate immediately into the top 10 cm of soil with a double disc and harrow or a vibrating shank cultivator twice over, travelling at about 7 to 12 km per hour for good mixing action. Second incorporation should be at right angles to first incorporation. Refer to the Treflan label for complete details about its application. Use lower rates on sandy soils or soils with lower organic matter content and higher rates on soils with a higher clay content and more amounts of organic matter.

Then follow with a postemergence directed application of SENCOR SOLUPAK to control any weed escapes before they exceed 2.5 cm in height and 3 weeks or more after transplanting tomatoes. This should also leave a residual amount of SENCOR to maintain season long weed control. This follow-up SENCOR application is usually timed for early July but should not be applied any earlier than 21 days after transplanting tomatoes or no later than 60 days before harvesting. Spray should be directed onto any emerged weeds in a manner to minimize application to crop plants. Use a skid-boom with wide angle (110') nozzles or TK flood-jet nozzles or drop nozzles for best results. Transplants must have recovered from transplant shock and new growth should be evident. Do not apply within 3 days after periods of cool, wet, or cloudy weather or crop injury will occur. Do not mix with other pesticides or apply to tomatoes within 24 hours of application of other pesticides.

If weed pressure is light to medium, it may not be necessary to apply SENCOR twice. Shallow cultivation may also be used to complete the control of any weeds not normally controlled by SENCOR.

SPECIAL PRECAUTIONS:

1. Do not apply more than a total of 1.0 kg of SENCOR SOLUPAK per hectare to LIGHT SOILS or 1.5 kg of SENCOR SOLUPAK per hectare to MEDIUM SOILS or 1.8 kg of SENCOR SOLUPAK per hectare to HEAVY SOILS per crop season when applied in more than one application.
2. Do not apply the above-mentioned total amounts of SENCOR SOLUPAK per hectare for each soil type within a time span of less than 35 days.
3. Allow at least 14 days between applications.
4. Crop injury or delayed maturity may result from a postemergence application if tomatoes are growing under stress conditions such as periods of drought, flooding, or cool, wet and/or cloudy weather before application or at time of application. Temperatures should not have been below 15°C or above 30°C otherwise stress can be expected. Three days of sunny weather should follow cloudy, cool weather before spraying SENCOR postemergence.
5. Varieties differ in tolerance to SENCOR. Newly introduced varieties with unknown tolerance to SENCOR should only be treated in a small test area to determine their tolerance.

PRECAUTIONS:

Do not exceed rates recommended on this label. Uneven application such as swath overlapping, variable tractor speed, spraying on turns, etc., may result in crop injury and increase chances of injury to succeeding crops.

Do not use on other crops grown for food or forage unless they are specified on this label. Use only according to label directions.

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

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

This product is not to be used in combination with any other product except as specifically recommended on this label.

IMPORTANT

Fall seeded or cover crops such as wheat, oats and rye may be injured when seeded within the same season as the application of SENCOR.

Rotation crops such as onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year.

After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

Do not use this product on tomatoes grown on MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

DIRECTIONS FOR USE - ASPARAGUS (Established) EASTERN CANADA

SENCOR SOLUPAK is recommended for use in ground spray equipment as a preemergence surface application to established asparagus in early spring before spears or ferns emerge and/or following last cutting.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR SOLUPAK at the recommended rate. Mix thoroughly and add water to fill spray tank. For broadcast applications mix with water to provide 100 to 300 of spray mixture per hectare, depending on equipment and local practices.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid over-laps that will increase dosages above those recommended.

WEEDS CONTROLLED BY SENCOR

SENCOR SOLUPAK, applied to established asparagus according to directions, will effectively control:

GRASS WEEDS:

Crabgrass	Yellow foxtail
Giant foxtail	

BROADLEAF WEEDS:

Common chickweed	Pennsylvania smartweed
Common ragweed	Redroot pigweed
Jimsonweed	Velvetleaf
Lamb's-quarters	

RECOMMENDED APPLICATIONS - ASPARAGUS

CROP	SENCOR SOLUPAK Dosage	REMARKS
Asparagus	1.5 to 3 kg/ha	Apply specified dosage in 100 to 300 L of water per hectare as a preemergence broadcast spray with ground equipment. Use the lower rate for control of the broadleaf weeds listed above. Use the higher rate in fields with a history of severe infestations of grasses and for maximum residual control. Apply in early spring before asparagus spears or ferns emerge and/or following the last cutting. If the field is to be disked apply SENCOR SOLUPAK after disking but before the crop emerges. Do not apply within 14 days of harvest.

SPECIAL PRECAUTIONS:

Do not use on newly seeded asparagus nor on young plants during the first growing season after setting crowns. Do not apply to established crops after emergence of spears.

DIRECTIONS FOR USE - TRIAZINE TOLERANT RAPESEED EASTERN CANADA

NOTE: THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

MIXING: Refer to page 2 of this label for complete mixing directions for water soluble packets. Fill the spray tank 1/4 to 1/3 full with clean water and slowly add the recommended amount of SENCOR while the agitator is operating and while continuing to fill the spray tank. When SENCOR SOLUPAK used in a tank-mix combination with a recommended product, add and mix SENCOR with water in the spray tank as described above, fill tank to desired level, then add the second product and mix thoroughly. Continuous agitation is required until the mixture is sprayed out. Do not allow sprayer to stand

without agitation or settling will occur and vigorous mixing with a paddle will be necessary to remix the chemical in the spray tank.

SPRAYING: Use a standard low pressure (150 to 275 kPa) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 0.3 mm in nozzle and in-line strainers. It is essential that the sprayer be properly calibrated before making application. The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern. Sufficient agitation should be maintained during spraying to keep the material in uniform suspension. Avoid over-laps that will increase dosages above those recommended.

WEEDS CONTROLLED BY SENCOR PLUS TREFLAN - TANK-MIX PREPLANT INCORPORATED

SENCOR SOLUPAK may be applied in a tank-mix combination with Treflan 545 E.C. as a preplant incorporated broadcast application to Triazine Tolerant Rapeseed for the control of many annual grasses and broad leaf weeds.

GRASS WEEDS:

Annual blue grass	Goose grass
Barnyard grass	Persian darnel
Brome grass	Stink grass
Cheat grass	Wild oats
Foxtails, green and yellow (Wild millet)	

BROADLEAF WEEDS:

Carpetweed	Lamb's-quarters
Chickweed	Purslane
Common ragweed	Redroot pigweed
Field pennycress (Stinkweed)	Russian thistle
Green smartweed	Shepherd's-purse
Hemp-nettle	Volunteer rapeseed (non-triazine tolerant)
Knotweed	Wild mustard
Lady's-thumb	

RECOMMENDED APPLICATIONS - TRIAZINE TOLERANT RAPESEED Spring Application

CROP	SOIL TEXTURE	SENCOR	TREFLAN
		SOLUPAK	+ 545 E.C.
		DOSAGE	

Triazine Tolerant Rapeseed (Pedigreed seed only)	LIGHT (loamy sand, sandy loam)	375 g/ha	1.1 L/ha
	MEDIUM (loam, silt loam, silt. sandy clay, sandy clay loam)	475 g/ha	1.5 L/ha
	HEAVY (silty clay, silty clay loam, clay loam, clay)	550 g/ha	2.1 L/ha
REMARKS: Select the proper dosage from the above table. Apply as a preplant incorporated tank-mix in at least 100 L of water per hectare. For proper soil preparation, application and soil incorporation technique see the appropriate section of the Treflan label.			

NOTE

1. On variable soils with light sandy areas, some injury may occur on the sandy areas if the rate used is for the heavier soil type in the field.
2. Do not use on soils with less than 2% organic matter.
3. Sandy loam and silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions.
4. Uneven application or improper soil incorporation of SENCOR/Treflan can result in erratic weed control or crop injury depending on rate used.
5. Stress conditions such as seedling disease, cold weather, deep planting, excessive moisture, high salt concentration or drought may weaken rapeseed seedlings and increase the possibility of damage from SENCOR/Treflan. Temporary lightening in colour may occur on the margins of cotyledons and a slight delay in crop development may be observed. This is quickly outgrown and usually has no lasting effect.
6. THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

WEEDS CONTROLLED BY SENCOR PREEMERGENCE

SENCOR SOLUPAK is recommended as a preemergence broadcast spray to Triazine

Tolerant Rapeseed according to directions on the label for the control of the following weeds:

Ball mustard	Lady's-thumb
Chickweed	Lamb's-quarters
Common ragweed	Redroot pigweed
Corn spurry	Shepherd's-purse
Field pennycress (Stinkweed)	Tartary buckwheat
Green smartweed	Volunteer rapeseed (non-triazine tolerant)
Hemp-nettle	Wild mustard

RECOMMENDED APPLICATIONS - TRIAZINE TOLERANT RAPESEED

CROP	SOIL TEXTURE	SENCOR SOLUPAK DOSAGE	REMARKS
Triazine Tolerant Rapeseed (Pedigreed seed only)	LIGHT (loamy sand, sandy loam)	375 g/ha	Select the proper dosage from the table. Apply preemergence in at least 100 L of water per hectare as a broadcast spray to the soil surface.
	MEDIUM (loam. silt loam, silt, sandy clay, sandy clay loam)	475 g/ha	
	HEAVY (silty clay, silty clay loam, clay loam, clay)	550 g/ha	

NOTE

1. On variable soils with light sandy areas, some injury may occur on the sandy areas if the rate used is for the heavier soil type in the field.
2. Do not use on soils with less than 2% organic matter.
3. Sandy loam and silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions.

4. Uneven application of SENCOR can result in erratic weed control or crop injury depending on rate used.
5. Stress conditions such as seedling disease, cold weather, deep planting, excessive moisture, high salt concentration or drought may weaken rapeseed seedlings and increase the possibility of damage from SENCOR. Temporary lightening in colour may occur on the margins of cotyledons and a slight delay in crop development may be observed. This is quickly outgrown and usually has no lasting effect.
6. Rainfall is usually required soon after application, for activation of a preemergence herbicide. If dry conditions persist weed control may not be adequate.
7. THIS TREATMENT FOR USE ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

WEEDS CONTROLLED BY SENCOR POSTEMERGENCE

SENCOR SOLUPAK is recommended for use in ground spray equipment as a postemergence broadcast spray to Triazine Tolerant Rapeseed according to directions on the label for the control of the following weeds:

Ball mustard	Lady's-thumb
Chickweed	Lambs-quarters
Common ragweed	Redroot pigweed
Corn spurry	Shepherd's-purse
Field pennycress	Tartary buckwheat
(Stinkweed)	Volunteer rapeseed
Green smartweed	(non-triazine tolerant)
Hemp-nettle	Wild mustard

RECOMMENDED APPLICATIONS - TRIAZINE TOLERANT RAPESEED

CROP	SENCOR SOLUPAK Dosage	REMARKS
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Triazine Tolerant Rapeseed (Pedigreed seed only)	375-475 g/ha	Apply specified dosage in at least 170 L of water per hectare. Apply after weeds have emerged and are small (less than 5 cm in height or diameter). Use the higher rate when weeds are dense. Do not use in tank-mix with other pesticides, wetting agents, or surfactants. Do not apply within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur. Do not apply more than once per crop season. Do not use in crop under-seeded with forage. Do not harvest for seed within 75 days of application.
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NOTE

1. Activity on weeds may not be noticeable for 7 to 10 days after application.
2. Activity on weeds may be reduced if there is rainfall within 6 hours after application.
3. A temporary (7-10 days) yellowing of the leaves and occasionally a slight delay (3-5 days) in crop maturity may be observed, especially if frost or abnormally high temperatures occur within 1-2 days of application. If frost occurs, allow 4-5 days for crop to recover before applying SENCOR.
4. Activity on weeds and crop tolerance may be reduced if SENCOR is applied later than weed stage specified above.
5. Allow a 4-5 day interval between application of SENCOR and other pesticides.
6. THIS TREATMENT FOR USE ONLY ON TRIAZINE TOLERANT RAPESEED. NON-TRIAZINE TOLERANT RAPESEED WILL BE KILLED BY THIS PRODUCT.

IMPORTANT

Rotation crops, such as, onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkins and squash, cucumbers and melons, tobacco and rapeseed (non-triazine tolerant) are sensitive to SENCOR and may be injured if planted in soil treated with SENCOR during the year of application and the following crop year.

After harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

Do not use this product on Triazine Tolerant Rapeseed grown in MUCK soils. (If SENCOR is applied to MUCK soils, subsequent crops may be injured.)

PRECAUTIONS

Do not exceed rates recommended on this label. Uneven application such as swath overlapping, variable tractor speed, spraying on turns, etc., may result in crop injury and increase chances of injury to succeeding crops. Do not use on other crops grown for food or forage unless they are specified on this label. Use only according to label directions. Do not contaminate any body of water nor apply to any area not specified on this label. Do not allow sprays to drift onto adjacent desirable plants. This product is not to be used in combination with any other product except as specifically recommended on this label.

SPRAYER CLEANUP

Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other crops to be sprayed. Drain any remaining spray solution of SENCOR from the spray tank and discard in non-crop areas away from water supplies. Rinse the spray tank and refill with water adding a heavy-duty detergent at the rate of 250 mL/100 L 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 the spray tank, nozzles or spray rig.

DISPOSAL OF EMPTY CONTAINER

1. Do not reuse the container.
2. Completely empty the container into application equipment and add all rinsings to the spray mixture in the tank.
3. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
4. Dispose of the empty container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the

cleanup of spills contact the regional office of Conservation and Protection, Environment Canada.

CAUTION

May be harmful if swallowed or inhaled. Avoid contact with eyes (wear goggles when handling), skin or clothing. Avoid breathing spray mist. 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.

Obtain prompt medical aid if poisoning should occur.

To Physician: Treat the patient symptomatically.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation.

FIRST AID: In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (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 sticking finger down throat. Repeat until vomit fluid is clear. The patient should be lying down with the head below the foot level and facing down onto one side. Professional medical assistance should be secured immediately. DO NOT INDUCE VOMITING TO AN UNCONSCIOUS PERSON OR TO PERSONS IN A CONVULSIVE STATE. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash immediately with flowing water for at least 15 minutes and get medical attention.

NOTICE

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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