

NTF: (hard copy of file has been lost since Jun 82)

SENCOR 50 WP

50% Wettable Powder

Herbicide

GUARANTEE: Metribuzin/.....50%

AMENDMENT TO PREVIOUSLY REGISTERED LABELLING

DIRECTIONS FOR USE - TRIAZINE TOLERANT RAPESEED - 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 50 WP 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 cap residues into soil to a depth of 10 - 15 cm. Disc type implements provide the best results. To avoid concentrating wild oatseeds below the treated layer, do not plow (moldboard) land prior to SENCOR + TREFLAN E.C. application.

MIXING INSTRUCTIONS: IT IS IMPORTANT TO FOLLOW THE CORRECT SEQUENCE LIKEN MIXING SENCOR 50 WP AND TREFLAN 545 E.C. IN THE SPRAY TANK.

The following steps are essential when combining TREFLAN 545 E.C. with SENCOR 50 WP:

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 50 WP 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

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

Broadleaf Weeds

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

RECOMMENDED APPLICATIONS

Select the proper dosage of SENCOR 50 WP 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.

SOIL TEXTURE

CROP	SOIL TEXTURE	DOSAGE	
		SENCOR 50 WP	TREFLAN 545 E.C.
Triazine Rapeseed Tolerant (Variety OAC Triton pedigree seed only) Spring Application	LIGHT: Sand, sandy loam (less than 6% organic matter)	425-550 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)	550-850 g/ha	2.0-2.6 L/ha

\*SENCOR 50 WP rate varies with soil organic matter; the higher the organic matter the higher the rate of SENCOR required.

- on all soils with 2-3% organic matter, use 425 g/ha
- on all soils with 3-6% organic matter, use 550 g/ha
- on all soils with 6-10% organic matter, select a rate in the range of 550-850 g/ha
- on all soils with 10% organic matter or greater, use 850 g/ha

\*\*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.

#### SENCOR 50 WP

#### 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, pumpkin and squash, cucumbers and melons, tobacco or rape (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.

TREFLAN is a Reg. TM of Elanco Products Company.

SENCOR 50 WP

50% Wettable Powder

Herbicide

GUARANTEE: METRIBUZIN ..... 50%

AMENDMENT TO PREVIOUSLY REGISTERED LABELLING

ADD THE FOLLOWING:

DIRECTIONS FOR USE - TRIAZINE TOLERANT RAPESEED - WESTERN CANADA

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

MIXING: 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 50 WP 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 TX 2 with nozzle screens no finer than 0.3 mm. The above tips will provide 100 L/ha when operated at

7 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 bypass and/or jet agitation system to provide a uniform spray mixture.

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

#### WEED CONTROL INFORMATION

POSTEMERGENCE - SENCOR 50 WP 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:

Wild mustard	Hempnettle	Lamb's-Quarters
Volunteer rapeseed (non-triazine tolerant)	Stinkweed	
Corn spurry	Green smartweed	Ball custard
Chickweed	Tartary buckwheat	Lady's-thumb
Redroot Pigweed		

#### RECOMMENDED APPLICATIONS

CROP	SENCOR 50 WP DOSAGE	REMARKS
Triazine Tolerant Rapeseed (Variety OAC Triton pedigreed seed only)	425 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 are 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.

NOTES

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) 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.

SENCOR 50 WP

50% Wettable Powder

Herbicide

GUARANTEE: METRIBUZIN ... 50%

AMENDMENT TO PREVIOUSLY REGISTERED LABELLING

ADD THE FOLLOWING:

DIRECTION 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: 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. Follow the "Triple Rinse Procedure" on this label to ensure that all product is removed from the container. 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

PREEMERGENCE - SENCOR 50 WP is recommended as a preemergence broadcast spray to Triazine Tolerant Rapeseed according to directions on the label for control of the following weeds:

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

#### RECOMMENDED APPLICATIONS

CROP	SOIL TEXTURE	DOSAGE SENCOR 50 WP	REMARKS
Triazine Tolerant Rapeseed (Variety OAC Triton pedigreed seed only)	LIGHT (loamy sand, sandy loam)	550 g/ha	Select the proper from the table. Apply preemergence in at least 100 L of water per hectare as a broadcast spray to the soil surfaces.
	MEDIUM (loam, silt loam, silt, sandy clay, sandy clay loam)	700 g/ha	



	HEAVY (silty clay, silty clay loam, clay, loam, clay)	850 g/ha	
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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. 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.

POSTEMERGENCE - SENCOR 50 WP 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:

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

## RECOMMENDED APPLICATIONS

CROP	SENCOR 50 WP DOSAGE	REMARKS
Triazine Tolerant Rapeseed (Variety OAC Triton pedigreed seed only)	550-700 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.

### NOTES

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 rape (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.)

SENCOR 50 WP

50% Wettable Powder

Herbicide

GUARANTEE: Metribuzin ... 50%

AMENDMENT TO PREVIOUSLY REGISTERED LABELLING

ADD THE FOLLOWING:

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: 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. Follow the "Triple Rinse Procedure" on this label to ensure that all product is removed from the container. When SENCOR 50 WP 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: 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.

SENCOR PLUS TREFLAN - TANK MIX PREPLANT INCORPORATED

SENCOR 50 WP may be applied in a tank mix combination with TREFLAN 545 EC as a preplant incorporated broadcast application to Triazine Tolerant Rapeseed for the control of many annual grasses and broadleaf weeds.

WEEDS CONTROLLED BY SENCOR Plus TREFLAN

Grass Weeds	Broadleaf Needs
Wild oats	Wild mustard Foxtails, Green and Yellow
Lambs-quarters	(Wild millet)
Redroot pigweed	Persian darnel
Green smartweed	Annual bluegrass
Lady's-thumb	Barnyard grass
Common ragweed	Brome grass
Volunteer rapeseed (non-triazine tolerant)	
Cheat	Shepherd's-purse
Goose grass	Field pennycress (Stinkweed)
Stink grass	Chickweed
	Hemp-nettle
	Knotweed
	Russian thistle
	Purshlane
	Carpetweed

RECOMMENDED APPLICATIONS

CROP	SOIL TEXTURE	DOSAGE		
		SENCOR 50 WP	+	TREFLAN 545 EC

Triazine Tolerant Rapeseed (Variety OAC Triton pedigreed seed only) Spring Application	LIGHT (loamy sand, sandy loam)	550 g/ha	1.1 L/ha
	MEDIUM (loam, silt loam, silt, sandy clay, sandy clay loam)	700 g/ha	1.5 L/ha
	HEAVY (silty clay, silty clay loam, clay loam, clay)	850 g/ha	2.1 L/ha

REMARKS: Select the proper dosage from the above table. Apply as a Application 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 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 rape (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.)

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