

TEXT FOR BASE PANEL (JUG LABEL) TO BE PRINTED IN A SINGLE PANEL

SENCOR 480 SOYBEAN

Flowable Herbicide

GROUP	5	HERBICIDE
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FOR CONTROL OF CERTAIN GRASSES AND BROADLEAF WEEDS

FOR SALE FOR USE IN EASTERN CANADA ONLY

AGRICULTURAL

Contains metribuzin

GUARANTEE: Metribuzin 480 g/L

CONTAINS 1,2-BENZISOTHIAZOLIN-3-ONE AT 0.006% AS A PRESERVATIVE

REGISTRATION NUMBER 27091 PEST CONTROL PRODUCTS ACT



CAUTION

POISON

**KEEP OUT OF REACH OF CHILDREN
READ THE LABEL AND BOOKLET BEFORE USING**

SHAKE WELL BEFORE USING

NET CONTENTS: 10 L

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

See the printed booklet provided with this container.

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.**

- Harmful if swallowed, inhaled or absorbed through skin.
- Avoid contact with skin, eyes, or clothing.
- Avoid breathing dust or spray mist.
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash contaminated clothing with soap and hot water before re-use.
- Wash skin thoroughly with soap and warm water after handling.
- Do not contaminate any body of water.
- Do not contaminate food or feed.
- Read and follow label instructions and directives.
- If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca.

Applicators and other handlers must wear during mixing/loading, clean-up and repair activities:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves;
- Goggles or face shield;
- Shoes plus socks.

NOTE:

- Users should remove personal protective equipment immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE) or use detergent and hot water. Keep and wash PPE separately from other laundry.

FIRST AID

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

- **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.
- **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.
- **IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

TOXICOLOGICAL INFORMATION

TO PHYSICIAN: No specific antidote is available. 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.

SPRAYER CLEANUP

Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other crops. Drain any remaining spray solution of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE 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

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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Bayer CropScience Inc.
Suite 100, 3131 114th Avenue S.E.
Calgary, Alberta T2Z 3X2

In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day).

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GENERAL INFORMATION

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.**
- Harmful if swallowed, inhaled or absorbed through skin.
- Avoid contact with skin, eyes, or clothing.
- Avoid breathing dust or spray mist.
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash contaminated clothing with soap and hot water before re-use.
- Wash skin thoroughly with soap and warm water after handling.
- Do not contaminate any body of water.
- Do not contaminate food or feed.
- Read and follow label instructions and directives.
- If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca.

Applicators and other handlers must wear during mixing/loading, clean-up and repair activities:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves;
- Goggles or face shield;
- Shoes plus socks.

NOTE:

- Users should remove personal protective equipment immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE) or use detergent and hot water. Keep and wash PPE separately from other laundry.

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TOXICOLOGICAL INFORMATION

TO PHYSICIAN: No specific antidote is available. 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.

ENVIRONMENTAL HAZARDS

- Do not use treated vines or crops for food, feed, or forage unless they are specified on this label. Use only according to label direction.
- Do not apply when weather conditions favour drift from areas treated. Do not allow sprays to drift on to adjacent desirable plants.
- Do not contaminate water when disposing of equipment wash waters.
- Do not apply directly to water, or to areas where surface water is present.
- The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow.
- Following application and during rainfall events that cause runoff, these chemicals may reach surface water bodies including streams and reservoirs.
- To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g., soils that are compacted, fine textured or low in organic matter such as clay). Avoid application of this product when heavy rain is forecast.
- 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.
- After harvest, tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.
- 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. Drain any remaining spray solution of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE 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.

TRIPLE RINSE PROCEDURE

1. Empty container into spray tank. Then drain in vertical position for 30 seconds;
2. Add a measured amount of rinse water (or other diluent) so container is 1/4 or 1/5 full;
3. Rinse container thoroughly, pour into tank, and drain 30 seconds. Repeat three times. Add enough water to bring tank up to desired level.

DISPOSAL

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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DIRECTIONS FOR USE

MIXING AND SPRAYING INSTRUCTIONS

- It is essential that the sprayer be properly calibrated before making application.
- Spray Pressure - 150 to 275 kPa.
- Spray Volume - refer to appropriate crop section for water volume.
- Use screens no finer than 0.3 mm (50 mesh) in nozzle and in-line strainers (felt filters, or smaller screens will become clogged). A 16 mesh screen is recommended for the filter on the inlet side of the pump.
- Nozzle tips should be no finer than 6502, 8002 or TK 2.
- Do not use airblast or other high pressure spray equipment to apply SENCOR 480 SOYBEAN FLOWABLE HERBICIDE.
- VIGOROUS, CONTINUOUS AGITATION IS ESSENTIAL FOR PROPER MIXING THROUGHOUT FILLING AND SPRAYING OPERATIONS. Return line agitation is not sufficient. Sparge tube, jet or mechanical agitation is required. Agitation should be sufficient to create a rippling or rolling action on the surface. A pump must be of sufficient capacity to provide adequate volume through the by-pass and/or jet agitation system to provide sufficient agitation even while the booms are operating.
- The sprayer should be checked frequently during application to be sure it is working properly and delivering a uniform spray pattern.
- Avoid over-laps that will increase dosages above those recommended.
- **DO NOT APPLY BY AIR.**

Before mixing SENCOR 480 SOYBEAN FLOWABLE HERBICIDE and its labelled tank-mixtures, examine the spray equipment making sure it is completely clean and free of rust or corrosion. To ensure the equipment is free of any residues from previously used pesticides, flush lines with clean water or recommended detergents. Use an approved method for disposing of rinse water.

Refer to the other product label for pertinent recommendations regarding mixing procedures. The proper mixing sequence for SENCOR 480 SOYBEAN FLOWABLE HERBICIDE and recommended tank-mixtures is as follows:

1. Fill the spray tank or nurse tank 1/4 full with water.
2. Start recirculation and agitation system and continue throughout mixing and application.
3. Add recommended amount of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE.
4. If tank-mixing with wettable powders or other dry flowable products refer to these product labels for specific mixing instructions.
5. Fill the spray tank with water to the desired level.
6. If tank-mixing with emulsifiable concentrates or soluble products, add these products near end of filling the spray tank.
7. Continue agitation during transport and application until the spray tank is empty.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE and all registered mixtures should be kept agitated once mixed and then sprayed out immediately. Do not allow mixtures to stand for prolonged periods of time. Water quality, pH, temperature and/or other components of the mixture may affect how long the mixture can stand before application.

NOTE: If spraying and agitation is stopped before the spray tank is empty, the suspended material will settle to the bottom of the tank. When spraying must be interrupted, it is recommended to maintain agitation until spraying resumes. If agitation must be stopped before the spray tank is empty, follow these steps to resume spraying:

1. Remove main filter.
2. Mechanically mix spray solution (i.e., paddle) prior to restarting pump. Ensure that loose sediment is moved out to the sump area.
3. Start agitation on full.
4. Paddle corners of the tank.
5. Reinstall main filter.

At the end of each spray day, rinse out the tank and sprayer lines with water.

RE-ENTRY INTERVAL

Do not enter or allow re-entry into treated areas until 12 hours after application. Exception: If the product is soil-injected or soil-incorporated, workers may enter the treated area if there will be no contact with anything that has been treated.

It is recommended that this product not be applied in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area during application.

SPRAY DRIFT MANAGEMENT

Field sprayer application: **DO NOT** apply during periods of dead calm or when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification.

BUFFER ZONES

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine/marine habitats.

Crop	Method of Application	Buffer Zones (metres) Required for the Protection of:						Terrestrial Habitat
		Freshwater Habitats of Depths			Estuarine/Marine Habitats of Depths			
		Less than 1 m	1–3 m	Greater than 3 m	Less than 1 m	1–3 m	Greater than 3 m	
Soybean	Field sprayer	5	2	1	5	2	1	10
	Field sprayer with shrouds	2	1	0	2	1	0	3
	Field sprayer with cones	4	1	1	4	1	1	5

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, SENCOR 480 SOYBEAN FLOWABLE HERBICIDE is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to SENCOR 480 SOYBEAN FLOWABLE HERBICIDE and other Group 5 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE or other Group 5 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Bayer CropScience via Internet at www.bayercropscience.ca or phone 1-888-283-6847.

SOYBEANS - EASTERN CANADA

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE provides selective weed control in soybeans.

WEEDS CONTROLLED

NOTE: SENCOR 480 SOYBEAN FLOWABLE HERBICIDE DOES NOT CONTROL TRIAZINE TOLERANT WEED BIOTYPES

GRASS WEEDS		BROADLEAF WEEDS	
Barnyard grass	Green foxtail	Carpetweed ¹	Prickly mallow ¹
Cheat grass	Johnson grass (seedling)	Cocklebur	Prostrate pigweed
Crab grass	Witch grass	Common chickweed	Redroot pigweed
Fall panicum	Yellow foxtail	Common ragweed	Russian thistle
Giant foxtail		Dandelion (seedling)	Shepherd's purse
		Green smartweed	Velvetleaf
		Jimsonweed ¹	Wild mustard
		Lady's-thumb	Wild potato vine
		Lamb's-quarter	Yellow wood-sorrel ¹

1. PREEMERGENCE only

ROTATIONAL CROP RESTRICTIONS

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE may injure rotational crops:

- 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, and non-triazine tolerant canola (rapeseed) are sensitive to SENCOR 480 SOYBEAN FLOWABLE HERBICIDE and may be injured if planted in soil treated with SENCOR 480 SOYBEAN FLOWABLE HERBICIDE during the year of application or the following crop year.
- 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 480 SOYBEAN FLOWABLE HERBICIDE.

SOIL TYPES AND RESTRICTIONS

The recommended use rates of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE are dependent upon soil texture and organic matter content of the soil being treated. Rate tables in this label refer to the following three soil texture groups: coarse, medium and fine. If you are not sure how to classify your soil, contact your Bayer CropScience representative, Soils & Crops Advisor, or other knowledgeable person. The following chart includes a complete listing of soil textures included in each of the soil texture groupings:

COARSE	MEDIUM	FINE
Loamy sand Sandy loam	Loam Silt loam Silt Sandy clay loam Sandy clay	Silty clay loam Silty clay Clay loam Clay

- On variable soils with coarse sandy areas, some crop injury may occur on the sandy areas if the rate used is for the finer soil type.
- Sandy loam and silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions.
- Do not use this product on MUCK soils. If SENCOR 480 SOYBEAN FLOWABLE HERBICIDE is applied to MUCK soils, subsequent crops may be injured.
- Do not use on coarse soils with less than 2% organic matter.

APPLICATION INFORMATION

PREPLANT SURFACE OR BURN-DOWN:

- In conservation tillage, minimum-tillage, ridge-tillage, strip-tillage, or no-tillage crop production systems.
- SENCOR 480 SOYBEAN FLOWABLE HERBICIDE alone or in combination with recommended tank-mixes may be applied as a broadcast spray up to 30 days before planting.
- If possible, do not move treated soil out of the row or move untreated soil to the soil surface during planting, as weed control may be reduced.
- Rainfall and/or overhead sprinkler irrigation is necessary to move SENCOR 480 SOYBEAN FLOWABLE HERBICIDE into the upper soil surface where weed seeds germinate.

PREPLANT INCORPORATION:

- Refer to the tank-mix partner label for proper incorporation instructions.
- Avoid deep incorporation since reduced weed control and/or crop injury may result.
- Incorporate with implements which provide uniform, shallow incorporation (example: finishing disk, harrow, rolling cultivator, etc.).
- A single incorporation is satisfactory, however a second incorporation will generally improve herbicide soil blending and improves weed control (particularly on coarse soils).

PREEMERGENCE APPLICATION:

- SENCOR 480 SOYBEAN FLOWABLE HERBICIDE alone, or in the recommended tank-mixes, may be applied to the soil surface as a broadcast spray after planting of the crop, but prior to weed or crop emergence.
- Preemergence application may be made in all tillage systems (conventional, conservation, minimum, ridge, etc.).
- Rainfall and/or overhead sprinkler irrigation is necessary to move SENCOR 480 SOYBEAN FLOWABLE HERBICIDE into the upper soil surface where weed seeds germinate.
- If adequate moisture is not received within 7 to 10 days after application and weeds begin to emerge from the soil, a light rotary hoeing or shallow incorporation (no deeper than 1.25 cm deep) will improve performance, minimize crop damage, activate chemical and prevent soil crusting.
- Dry weather conditions as well as excessive rainfall or irrigation following application may reduce weed control.
- Do not apply heavy irrigation immediately after application.

BAND APPLICATION:

- If a band application is desired, the chemical may be applied preemergence as described above by using proportionally less SENCOR 480 SOYBEAN FLOWABLE HERBICIDE per hectare:

$$\frac{\text{Band width in centimetres}}{\text{Row width in centimetres}} \times \text{Broadcast rate/ha} = \text{Band rate/ha}$$

- Weeds between treated bands should be removed by cultivating, as needed, using protective fenders to keep freshly turned soil off treated bands.

RECOMMENDED APPLICATIONS - SOYBEANS EASTERN CANADA

- Apply specified dosage as preemergence broadcast spray in 150 to 300 L of water per hectare and as preplant incorporated in at least 100 L of water per hectare.
- Applications of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE 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. Soybean seeds must be planted at least 4 cm below the soil surface.
- VARIETIES: Do not use SENCOR 480 SOYBEAN FLOWABLE HERBICIDE on AC Brant, Apache, Baron, Eramosa, Maple Amber, Maple Ridge, IA 1003 or S-240. Consult your Bayer CropScience representative, chemical dealer, or your seed supplier for information on the tolerance of soybean varieties, prior to SENCOR 480 SOYBEAN FLOWABLE HERBICIDE use.
- DO NOT USE SENCOR 480 SOYBEAN FLOWABLE HERBICIDE ON SANDY SOILS OR ON COARSE SOILS WITH LESS THAN 2% ORGANIC MATTER.
- Do not apply more than once per season regardless of method of application.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE Alone: Preemergence Application¹

Soil Types	Rates per hectare and organic matter		
	Less than 2%	2 to 4%	Over 4%
COARSE	DO NOT USE	850 mL	1.1 L
MEDIUM	1.1 L	1.5 L	1.75 L
FINE	1.75 L	2.0 L	2.25 L

1. REMARKS FOR NO or MINIMUM TILLAGE: DO NOT USE SENCOR 480 SOYBEAN FLOWABLE HERBICIDE on coarse soils. Under adverse conditions (drought), the following additives may be applied with the recommended treatments: crop oil concentrate (Assist) at 1% v/v or non-ionic surfactant at 0.1% v/v.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE IN COMBINATION WITH OTHER HERBICIDES

Refer to the other product label for pertinent recommendations, directions for use, restrictions, precautions and any additional weeds not specified on this label. Unless prohibited on this or other product labels, apply as a broadcast or band application.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE Tank-Mixes: Preplant Incorporated

Weeds controlled	Products	Rates per hectare and soil types		
		COARSE	MEDIUM	FINE
Annual grasses and broadleaf weeds including yellow nutsedge	SENCOR 480 SOYBEAN FLOWABLE HERBICIDE ¹ plus Dual Magnum	850 mL	1.1 L	1.1 L
		1.15 – 1.75 L	1.15 – 1.75 L	1.15 – 1.75 L

1. On heavy Brookston Clay soils, the SENCOR 480 SOYBEAN FLOWABLE HERBICIDE rate should be increased to a maximum rate of 1.75 L/ha for season long control.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE Preemergence Following Preplant Incorporated Applications of Dual Magnum Herbicide

Weeds controlled	Products	Rates per hectare and soil types		
		COARSE	MEDIUM	FINE
Annual grasses and broadleaf weeds including yellow nutsedge	Dual Magnum	1.15 – 1.75 L	1.15 – 1.75 L	1.15 – 1.75 L
	followed by SENCOR 480 SOYBEAN FLOWABLE HERBICIDE ¹	850 mL - 1.1 L	1.1 - 1.75 L	1.75 - 2.25 L

1. The rate of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE depends on soil organic matter levels. See rates for SENCOR 480 SOYBEAN FLOWABLE HERBICIDE alone. When broadleaf weed populations are low, rates of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE may be reduced by 25%.

SENCOR 480 SOYBEAN FLOWABLE HERBICIDE Tank-Mixes (No or Minimum Tillage Systems): Preplant Surface (up to 30 days before planting) or Burndown Application

Weeds controlled	Products ¹	Rates per hectare and soil types		
		COARSE	MEDIUM	FINE
Annual weeds less than 4 cm in height and residual control of annual weeds including triazine tolerant species and grasses	SENCOR 480 SOYBEAN FLOWABLE HERBICIDE plus Dual Magnum plus linuron 480 or linuron 50 DF	Do not use	850 mL	1.1 L
			1.15 – 1.75 L 1.75 L 1.7 kg	1.15 – 1.75 L 2.0 L 2.0 kg
For improved burndown of above including control of weeds taller than 4 cm.	Above treatment plus Roundup Original 360 Liquid or Roundup Transorb Liquid	Do not use	1.25 L 1.25 L	1.25 L 1.25 L

1. Under adverse conditions (drought), the following additives may be applied with the recommended treatments: crop oil concentrate (Assist) at 1% v/v or non-ionic surfactant at 0.1% v/v.

**SENCOR 480 SOYBEAN FLOWABLE HERBICIDE Tank Mixes:
Preemergence Applications (for all tillage systems unless specified otherwise)**

Weeds controlled	Products	Rates per hectare and soil types		
		COARSE	MEDIUM	FINE
Annual grasses and broadleaf weeds	SENCOR 480 SOYBEAN FLOWABLE HERBICIDE ^{1,2,3} plus Dual Magnum ⁴	850 mL-1.1 L	1.1 - 1.75 L	1.75 - 2.25 L
		1.15-1.75 L	1.15-1.75 L	1.15-1.75 L
Above including triazine tolerant broadleaf species and nightshade ⁵	SENCOR 480 SOYBEAN FLOWABLE HERBICIDE ¹ plus linuron 50% or linuron 480 plus Dual Magnum ⁴	750 mL	850 mL	1.0 L
		1.4 kg 1.5 L 1.15-1.75 L	1.7 kg 1.75 L 1.15-1.75 L	2.0 kg 2.0 L 1.15-1.75 L
For improved burndown of above including control of weeds taller than 4 cm	One of the above treatments in No or Min. Tillage plus Roundup Original 360 Liquid or Roundup Transorb Liquid	Do not use	1.25 L 1.25 L	1.25 L 1.25 L

1. In NO or MINIMUM TILLAGE, under adverse conditions (drought), the following additives may be applied with the recommended treatments: crop oil concentrate (Assist) at 1% v/v or non-ionic surfactant at 0.1% v/v.
2. The rate of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE depends on soil organic matter levels. See rates for SENCOR 480 SOYBEAN FLOWABLE HERBICIDE alone.
3. When broadleaf weed populations are low, rates of SENCOR 480 SOYBEAN FLOWABLE HERBICIDE may be reduced by 25%.
4. In NO or MINIMUM TILLAGE, DO NOT USE this tank-mixture on coarse soils.
5. Eastern black nightshade and American nightshade are controlled with tank mixture including Dual Magnum Herbicide only.

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