

2024-12-11
2024-0085

GROUP	1	HERBICIDE
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ASSURE® II HERBICIDE

EMULSIFIABLE CONCENTRATE

FOR SALE FOR USE ON LISTED CROPS

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

ACTIVE INGREDIENT: Quizalofop-p-ethyl 96 g/L

REGISTRATION NO. 25462 PEST CONTROL PRODUCTS ACT

DANGER – CORROSIVE TO EYES

SKIN IRRITANT

POTENTIAL SKIN SENSITIZER

NET CONTENTS: 1 L to 1500 L

AMVAC Canada ULC
LANDMARK 7
1500-1700 Dickson Avenue
KELOWNA, BC, V1Y 0L51
1 (888) 462-6822

PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN
- DANGER – CORROSIVE TO EYES
- WARNING – SKIN IRRITANT
- POTENTIAL SKIN SENSITIZER
- May be harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation.
- Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapours or spray mist. Use adequate ventilation.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up, and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit.
- When using, do not eat, drink or smoke. Wash skin thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before reuse.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.
- DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days following application for scouting activities in camelina or hand weeding activities in *Rhodiola rosea*. For all other crops, do not enter or allow worker entry into treated areas during the REI of 12 hours.

If this pest control product is to be used on a commodity that may be exported and you require information on acceptable residue levels, please contact company representatives at 1-888-462-6822.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

FIRST AID:**IF SWALLOWED:**

Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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 INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

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.

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

For medical emergencies call 1-888-681-4261 (24 hours).

TOXICOLOGICAL INFORMATION: THIS PRODUCT CONTAINS PETROLEUM DISTILLATES. Vomiting may cause aspiration pneumonia. Treat symptomatically.

STORAGE:

Store this product away from food or feed.

Not for use or storage in or around the home. Keep container closed. **DO NOT ALLOW TO FREEZE.**

DISPOSAL:

For recyclable containers:

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/ territorial requirements.

For returnable

containers:

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer) for disposal.

Disposal of unused, unwanted product:

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

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.

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DANGER – CORROSIVE TO EYES
SKIN IRRITANT
POTENTIAL SKIN SENSITIZER

NET CONTENTS: 1 L to 1500 L

AMVAC Canada ULC
LANDMARK 7
1500-1700 Dickson Avenue
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PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN
- DANGER – CORROSIVE TO EYES
- WARNING - SKIN IRRITANT
- POTENTIAL SKIN SENSITIZER
- May be harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation.
- Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapours or spray mist. Use adequate ventilation.
- Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up, and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up, and repair. Gloves are not required during application within a closed cab and/or cockpit.
- When using, do not eat, drink or smoke. Wash skin thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use. Store and wash contaminated clothing separately from household laundry before reuse.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.
- DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days following application for scouting activities in camelina or hand weeding activities in *Rhodiola rosea*. For all other crops, do not enter or allow worker entry into treated areas during the REI of 12 hours.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

FIRST AID:**IF SWALLOWED:**

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IF INHALED:

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IF IN EYES:

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

For medical emergencies call 1-888-681-4261 (24 hours).

TOXICOLOGICAL INFORMATION: THIS PRODUCT CONTAINS PETROLEUM DISTILLATES. Vomiting may cause aspiration pneumonia. Treat symptomatically.

IMPORTANT

Injury to or loss of desirable vegetation may result from failure to observe the following: Do not apply, drain or flush equipment on or near desirable vegetation, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water including irrigation water that may be used on other crops.

Use caution when handling ASSURE II Herbicide as accidental spills or splashes may harm the finish on painted equipment.

DO NOT ALLOW TO FREEZE.

GENERAL INFORMATION

ASSURE II Herbicide is a selective postemergence herbicide for sale for the control of annual and perennial grasses on the following listed crops:

- Alfalfa grown for seed
- Canola
- Chickpeas (Western Canada only)
- Condiment and oilseed type Oriental Mustard (including *Brassica Juncea*), Yellow and Brown Mustard (Western Canada only)
- Crambe (Western Canada Only)
- Enlist™ (field) corn
- Flax (including low linolenic acid varieties)
- Lentils
- Peas (field and processing)
- Soybeans (including varieties designated “STS”)
- Sunflowers

SPECIAL USE APPLICATION:

- Adzuki beans, Black beans, Cranberry beans, Lima beans, Mung beans, Otebo beans, Red Kidney beans, White beans, White Kidney and Brown and Yellow Eye Beans (Southern Ontario only)
- Established Alsike clover, Birdsfoot Trefoil, Cicer Milkvetch, Red clover, Sweet clover and Sainfoin - For Seed Production Only
- Seedling Alsike clover, Birdsfoot Trefoil, Red clover, Sweet clover, White clover and Sainfoin - For Seed Production Only
- Camelina
- Creeping Red Fescue, Seedling or Established, for seed, forage and hay production
- Cucurbit vegetables (Crop Group 9)
- Dry Common Beans of the species *Phaseolus Vulgaris* (including but not limited to all dry common bean types listed on this label.)
- Dry Faba beans (dry broad beans) and Narrowleaf lupin
- Ethiopian mustard (*Brassica carinata*)
- Industrial Hemp grown for fibre, seed, and oil production
- Great Northern, Navy, Pink, Pinto and Small Red Beans (Western Canada)
- Pome Fruit (Crop Group 11-09)
- *Rhodiola Rosea* (Alberta only)
- Rutabagas (Ontario and Quebec only)
- Saskatoon Berries
- Small Fruits Climbing Vine Except Fuzzy Kiwi Fruit (Crop Subgroup 13-07F)
- Snap Beans
- Soybeans (Ontario only)
- Stone Fruit (Crop Group 12-09)
- Sugarbeets

Recommended rates and timing for ASSURE II Herbicide application will provide control of the emerged listed grasses present. ASSURE II Herbicide does not control sedges or broadleaf plants.

Grass crops, including wheat, barley, rye, oats, and corn (excluding Enlist corn) are highly sensitive to ASSURE II Herbicide. When not in use, keep container closed to prevent evaporation or loss through spillage.

Under certain environmental conditions, minor leaf spotting may occur on soybeans. New growth is unaffected and there is no adverse effect on crop yield.

BIOLOGICAL ACTIVITY

ASSURE II Herbicide is a systemic herbicide which is rapidly absorbed and readily translocated from the treated foliage to the root systems and growing points of the plant.

Control Symptoms - Treated plants show a reduction in growth and a loss of competitiveness. An early yellowing or browning of the younger plant tissues is followed by a progressive collapse of the remaining foliage. These symptoms will generally be observed in one to three weeks depending on the grass species treated and the environmental conditions.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Aerial application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when the wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing-or rotor- span.

Apply only by fixed-wing or rotary aircraft equipment, which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions:

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions:

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly. Do not use human flaggers.

Product Specific Precautions:

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-888-462-6822 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Apply a minimum of 25 L of spray volume per hectare.

Apply a maximum of 50 L of spray volume per hectare.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage

The spray 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, shelter belts, woodlots, hedgerows, riparian areas and shrublands) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands).

Method of application	Use rate		Spray Buffer Zones (meters) Required for the Protection of:		
			Freshwater Habitat of Depths		Terrestrial Habitat
			Less than 1 m	Greater than 1m	
Field sprayer	Field crops up to 0.38-0.5 L/ha		1	0	3
	Field crops at 0.75 L/ha		1	0	5
Aerial	Field crops at 0.38 L/ha	Fixed wing	1	0	85
		Rotary wing	1	0	70
	Field crops at 0.5 L/ha	Fixed wing	1	0	100
		Rotary wing	1	0	85
	Field crops at 0.75 L/ha	Fixed wing	1	0	150
		Rotary wing	1	0	125

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

Apply the specified rate of ASSURE II Herbicide with adjuvant listed for the crop in use directions tables.

RATE SELECTION TABLE (Ground or Aerial)

	<u>Weeds Controlled</u>	<u>Weed Leaf Stage At Application</u>
0.38 L/ha	Green foxtail	2 leaf to early tillering
	Volunteer barley	2 leaf to early tillering
	Volunteer corn	2 - 6 leaf
	Volunteer oats	† 2 leaf to early tillering
	Volunteer wheat	2 leaf to early tillering
	Wild oats	1 - 5 leaf without tillers

	<u>Weeds Controlled</u>	<u>Weed Leaf Stage At Application</u>
0.5 L/ha	Those controlled by 0.38 L/ha and:	
	Barnyard grass	2 leaf to early tillering
	Wild oats	† 1-5 leaf to early tillering (up to two tillers)
	Fall panicum	2 leaf to early tillering
	Old Witchgrass	2 leaf to early tillering
	Proso millet	2 leaf to early tillering
	Yellow foxtail	2 leaf to early tillering
	Foxtail Barley	3 leaf to 4 leaf + 3 tillers
	Downy brome	2 – 5 leaf stage
	Japanese brome	2 – 5 leaf stage

0.5 L/ha	<u>Weeds Suppressed</u>	<u>Weed Leaf Stage At Application</u>
	Quackgrass	2 - 6 leaf
0.75 L/ha	<u>Weeds Controlled</u>	<u>Weed Leaf Stage At Application</u>
	Those listed above and: Quackgrass	2 - 6 leaf

† Best results on volunteer/wild oats if application is made before tillering begins.

ADJUVANT TABLE

ADJUVANT		RATE
Sure-Mix™		0.5 L per 100 L spray solution
Merge		0.5 – 1 L per 100 L spray solution
MSO		0.5 – 1 L per 100 L spray solution
	IPCO MSO Adjuvant	
	MSO Concentrate with Leci-Tech	
	IPCO Contender MSO Adjuvant with Leci-Tech	
	Destination MSO	
Journey HSOC		0.5 L per 100 L spray solution
LI 700		0.25 – 0.5 L per 100 L spray solution
Liberate Adjuvant		0.5 L per 100 L spray solution
Cornerstone Adjuvant		0.25 – 0.5 L per 100 L spray solution
Cornerstone Surfactant		0.25 – 0.5 L per 100 L spray solution

Use the higher listed adjuvant rate when wild oats or quackgrass are the main target weeds, or under conditions not conducive to good growth.

This product may be tank mixed with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact AMVAC Canada ULC hotline at 1-888-462-6822 for information before applying any tank mix that is not specifically recommended on this label.

Do not tank mix with products containing the following active ingredients: 2,4-D, 2,4-DB, bromoxynil, clethodim, dicamba, florasulam, fluroxypyr, formesafen, halauxifen, imazamethabenz, MCPA, MCPB, mecoprop, metribuzin, pyrasulfotole, sethoxydim and tralkoxydim.

When using a broadleaf herbicide, other than those registered for tank mixing with ASSURE II Herbicide, apply Assure II 1 day before or 7 days after the broadleaf herbicide.

CROP USE DIRECTION TABLE

Refer to the RATE SELECTION TABLE for appropriate rates. When tank mix partners are used, the most restricted PHIs must be observed.

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
Alfalfa grown for seed	0.38 - 0.75 Plus See Adjuvant Table	NA	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Canola	0.38 - 0.75 Plus See Adjuvant Table	64	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Canola	0.38 - 0.5		For control of broadleaf weeds and grasses in canola (rapeseed), apply a tank mixture of plus ASSURE II Herbicide plus MUSTER Herbicide plus recommended adjuvant. DO NOT apply by air. Refer to the "Mixing Instructions" section of this label for specific mixing instructions. Additional adjuvant is not required when using listed adjuvants per table rates. For best results, follow the timing restrictions and specific weed control recommendations stated on each product's label. After application follow the sprayer clean-out directions on the MUSTER Herbicide label.
	Plus		
	MUSTER Herbicide at 20 or 30 g/ha		
	Plus See Adjuvant Table		
NOTE: When tank mixed with ASSURE II Herbicide plus listed adjuvants, MUSTER Herbicide will control stinkweed at the 20 grams per hectare rate.			
Glufosinate ammonium tolerant Canola Varieties (Liberty Link Canola)	0.38 - 0.75		For control of broadleaf weeds and grasses in glufosinate ammonium tolerant canola (Liberty Link Canola), apply a tank mixture of ASSURE II Herbicide plus Liberty 150 SN Herbicide. Refer to the "Mixing Instructions" section of this label for specific mixing instructions. Apply a tank mixture of Assure II Herbicide plus Liberty 150 SN Herbicide at cotyledon to early bolting stage of the glufosinate ammonium tolerant canola. Ground and Aerial applications allowed. Additional adjuvant is not required when using listed adjuvant
	Plus		
	Liberty 150 SN Herbicide at 1.33 to 4 L/ha		
	Plus See Adjuvant Table		

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
			per table rates. For best results, follow the timing restrictions and specific weed control recommendations stated on each product's label.
Chickpeas (Western Canada only)	0.38 - 0.75 Plus See Adjuvant Table	85	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Use ground application only. DO NOT apply by air. Apply a minimum of 100 litres/ha of total spray volume.
Crambe	0.38 - 0.75 Plus See Adjuvant Table	64	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Condiment and oilseed type Oriental Mustard (including <i>Brassica Juncea</i>), Yellow and Brown Mustard (Western Canada only)	0.38 - 0.75 Plus See Adjuvant Table	64	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Condiment And Oilseed Type Oriental Mustard (including Canola Quality <i>Brassica Juncea</i>) Brown Mustard (Western Canada Only)	0.38 - 0.5 Plus MUSTER Toss-N-Go Herbicide at 20 g/Ha Plus See Adjuvant Table		For control of broadleaf weeds and grasses apply a tank mixture of MUSTER Toss-N-Go Herbicide plus ASSURE II Herbicide plus recommended adjuvant. Refer to the "Mixing Instructions" section of this label for specific mixing instructions. Additional adjuvant is not required when using listed adjuvants per table rates. Use ground application only. DO NOT apply by air. Do not use this tank mix on Yellow Mustard. For best results, follow the timing restrictions and specific weed control recommendations stated on each product's label. After application follow the sprayer clean-out directions on the MUSTER Toss-N-Go Herbicide label.
<p>NOTE: When tank mixed with ASSURE II Herbicide plus listed adjuvants, MUSTER Toss-N-Go Herbicide will control stinkweed at the 20 grams per hectare rate.</p>			

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
Corn (field) – Enlist only	0.38 - 0.75 Plus See Adjuvant Table		Assure II Herbicide can be applied as a foliar spray to control labelled grassy weeds in field corn containing the Enlist corn herbicide trait. Apply Assure II Herbicide to emerged corn that is at the 2-8 leaf stage. Do not apply more than once per season. Use of Assure II Herbicide on corn varieties or hybrids, other than Enlist corn, will result in severe injury and/or death of the crop. DO NOT apply by air. Do not harvest forage within 30 days of application. Do not allow grazing on treated corn within 30 days of application.
Corn (field) – Enlist only For seed propagation only	0.38 Plus See adjuvant Table		For use in propagation of seed corn containing the Enlist corn herbicide trait. Assure II Herbicide may be applied to remove undesirable corn plants that do not contain the Enlist corn herbicide trait in a field of Enlist seed corn during seed propagation. Use of Assure II Herbicide on corn varieties or hybrids, other than Enlist corn, will result in severe injury and/or death of the crop. DO NOT apply by air. Do not harvest forage within 30 days of application. Do not allow grazing on treated corn within 30 days of application.
Flax (including low linolenic acid varieties)	0.38 - 0.75 Plus See Adjuvant Table	82	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Lentils	0.38 - 0.75 Plus See Adjuvant Table	65	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Peas (field and processing)	0.38 - 0.75 Plus See Adjuvant Table	65	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.
Soybeans (including varieties designated “STS”)	0.38 - 0.75 Plus See Adjuvant Table	80	Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant. Ground and Aerial applications allowed.

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:	
Soybeans	0.38 - 0.63		<p>For the control of Annual Grasses, Common Ragweed, Redroot Pigweed, and Velvetleaf.</p> <p>Use a minimum of 0.5 litre per hectare rate of ASSURE II Herbicide when quackgrass and yellow foxtail are present in the field. The tank-mix of CLASSIC Herbicide and ASSURE II Herbicide may result in reduced control of these two grassy weeds. For more consistent control of yellow foxtail, use 0.63 litres per hectare of ASSURE II Herbicide.</p> <p>For optimum leaf stage timing of broadleaf weeds, consult the CLASSIC Herbicide label. If leaf stages of the grass and broadleaf weeds do not coincide, a sequential application of the grass and broadleaf herbicides is required to ensure satisfactory control.</p> <p>Use ground application only. DO NOT apply by air.</p>	
	Plus			
	CLASSIC Herbicide at 36 g/ha			
	Plus			
	See Adjuvant Table.			
	0.63			<p>For the control of annual grassy and broadleaf weeds. Consult the PINNACLE SG Toss-N-Go Herbicide and BASAGRAN FORTE Herbicide labels for the correct use rate for the broadleaf weeds present.</p> <p>Do not apply before the crop has 1 - 2 full trifoliolate leaves.</p> <p>Weeds controlled by 0.63 L/ha of ASSURE II Herbicide in this tank mix are listed on this label at 0.5 L/ha (when ASSURE II Herbicide is used alone). The increase in the application rate of ASSURE II Herbicide in this tank mix is required for consistent grassy weed control.</p> <p>For optimum leaf stage timing of broadleaf weeds, consult the PINNACLE SG Toss-N-Go Herbicide and BASAGRAN FORTE Herbicide labels. If leaf stages of the grass and broadleaf weeds do not coincide, a sequential application of the grass and broadleaf herbicides is required to ensure satisfactory control.</p> <p>Use ground application only. DO NOT apply by air.</p>
	Plus			
	PINNACLE SG Toss-N-Go Herbicide at 5.5 - 8.0 g/ha			
	Plus			
	BASAGRAN FORTE Herbicide at 1.75 – 2.25 L/ha			
Plus				
See Adjuvant Table				

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
	<p>0.5</p> <hr/> <p>Plus</p> <p>PINNACLE SG Toss-N-Go Herbicide at 5.5 - 8.0 g/ha</p> <hr/> <p>Plus</p> <p>See Adjuvant Table</p>		<p>For the control of annual grassy and specific broadleaf weeds, apply a tank mixture of ASSURE II Herbicide + Pinnacle SG Toss-N-Go Herbicide. Add adjuvants per rates list in adjuvant table.</p> <p>Do not apply before the crop has 1-2 full trifoliolate leaves.</p> <p>Consult the timing section of this label for the correct timing of application to grassy weeds. For optimum leaf stage timing of broadleaf weeds, consult the Pinnacle SG Toss-N-Go Herbicide label. If leaf stages of the grass and broadleaf weeds do not coincide, a sequential application of the grass and broadleaf herbicides is required to ensure satisfactory control.</p> <p>Velvetleaf control may be reduced with a single tank mix application. For optimum control, make separate applications of ASSURE II Herbicide and Pinnacle SG Toss-N-Go Herbicides.</p> <p>Use ground application only. DO NOT apply by air.</p>
Sunflower	<p>0.38 - 0.75</p> <p>Plus</p> <p>See Adjuvant Table</p>	60	<p>Apply ASSURE II Herbicide as a single postemergent spray with a recommended adjuvant.</p> <p>Apply at the 2-8 leaf stage of the sunflower crop.</p> <p>Ground and Aerial applications allowed.</p>
Tribenuron-Methyl Tolerant Sunflowers	<p>0.38 - 0.75</p> <hr/> <p>Plus</p> <p>EXPRESS SG Herbicide at 15 g/ha</p> <hr/> <p>Plus</p>		<p>For control and suppression of grassy and broadleaf weeds listed below.</p> <p>Apply at the 2-8 leaf stage of the tribenuron-methyl tolerant sunflowers (e.g., Express Sun sunflowers SU7) and at the leaf stage of the grass and broadleaf weeds indicated below.</p> <p>Weeds Controlled: Lamb's-quarters plus all weeds according to rates of use on the Assure II label.</p>

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
	Sure-Mix, Merge or MSO Adjuvants only per adjuvant table rates		Weeds Suppressed: Wild Buckwheat plus all weeds according to rates of use on the Assure II label. Use ground application only. DO NOT apply by air.

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than AMVAC Canada ULC under the User Requested Minor Use Label Expansion program. For these uses, AMVAC Canada ULC has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

CROP USE DIRECTION TABLE

CROP	PRODUCT USE RATE L/ha	PHI Days	INSTRUCTIONS:
Adzuki Beans Black Beans Cranberry Beans Lima Beans Mung Beans Otebo Beans Red Kidney Beans White Beans White Kidney Beans Brown Eye Beans Yellow Eye Beans (Southern Ontario only)	0.375 - 0.75 Plus SURE-MIX or MERGE or MSO adjuvants at 0.5 L per 100 L of spray solution or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.	30	Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant. Apply at the 2-5-leaf stage of the annual grasses. Use ground application only. DO NOT apply by air.
Alsike Clover Birdsfoot Trefoil Red clover Sweet clover Sainfoin And Cicer Milkvetch Established only For Seed Production Only	0.38 – 0.75 Plus SURE-MIX or MERGE or MSO adjuvants at 0.5 L per 100 L of spray solution or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.	30	Make only one application per growing season. Application should be made before crop canopy closes. Use ground application only. DO NOT apply by air. Apply a minimum of 100 litres/ha of total spray volume. DO NOT graze or cut for hay in the year of treatment.

<p>Alsike clover Bird's-foot trefoil Red clover Sweet clover Sainfoin</p> <p>And White clover</p> <p>Seedling only</p> <p>For seed production only</p>	<p>0.5 - 0.75</p> <p>Plus</p> <p>SURE-MIX or MSO adjuvants at rate listed in adjuvant table</p>	<p>30</p>	<p>Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant.</p> <p>Applications should be made before crop canopy closes.</p> <p>Make only one application per growing season.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>Apply a minimum of 100 litres/ha of total spray volume. DO NOT graze or cut for hay in the year of treatment.</p>
<p>Creeping Red Fescue</p> <p>Established only</p> <p>For seed production only</p>	<p>0.5 - 0.75</p> <p>Plus</p> <p>ALLY Herbicide 7.5 g/ha</p> <p>Plus</p> <p>SURE-MIX or MSO adjuvants or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.</p>	<p>NA</p>	<p>For postemergent broadleaf and grassy weed control: ASSURE II Herbicide plus ALLY Herbicide plus recommended adjuvant.</p> <p>This tank mix will control all label weeds listed on this label and the ALLY Herbicide label.</p> <p>Apply ASSURE II Herbicide + ALLY Herbicide tank mixture post emergent to the first main flush of actively growing weeds, when established creeping red fescue is in the 2 leaf to flag leaf (shot blade) stage.</p> <p>Apply before the crop canopy is dense enough to prevent thorough coverage of the weeds.</p> <p>Make only one application per growing season.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>Refer to other sections of this label for additional application and/or use precaution instructions.</p>
<p>Creeping Red Fescue</p> <p>Seedling or Established</p> <p>For seed, hay and forage production</p>	<p>0.5 - 0.75</p> <p>Plus</p> <p>SURE-MIX or MSO adjuvants or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.</p>	<p>NA</p>	<p>Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant.</p> <p>Apply when quackgrass is in the 2-6-leaf stage and when annual grassy weeds are from the 2-leaf stage to early tillering. Application to this species should be made before crop canopy closes. Refer to other sections of this label for a list of grassy weeds controlled as well as the recommended ASSURE® II Herbicide rates depending on the leaf stage of quackgrass or the annual grass species that are present.</p> <p>Apply the spray mixture when the seedling creeping red fescue is in the 2-leaf stage and up to pre-heading of established creeping red fescue.</p> <p>Make only one application per growing season.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>DO NOT permit livestock to graze or harvest creeping red fescue forage or cut hay within 60 days after application.</p>

			When Assure II Herbicide is applied alone for seed production, seed screenings and aftermath from harvesting the crop can be fed to livestock.
Camelina sativa	0.38 – 0.75	64	<p>Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant.</p> <p>DO NOT use open cab equipment if treating more than 290 ha/day. If treating more than 290 ha/day, closed cab equipment, long-sleeved shirt, long pants, socks, and shoes are required for application.</p> <p>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days following application for scouting activities in camelina.</p> <p>Apply a minimum of 100 litres/ha of total spray volume.</p> <p>Use ground application only. DO NOT apply by air.</p>
	Plus		
	SURE-MIX or MERGE or MSO adjuvants at 0.5 L per 100 L of spray solution or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table		
Cucurbit Vegetables Crop Group 9	0.38 - 0.75 Plus	30	<p>Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant.</p> <p>Make one application per year when the crop is at the 2-6 leaf stage. Apply at the labelled leaf stage of grassy weeds.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>Use in a minimum of 100 litres of water/ha.</p> <p>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p>
Including citron melon; cucumber; gherkin; edible gourd (hyotan cucuzza); Chinese okra; Chinese cucumber; muskmelon hybrids and or cultivars of Cucumis melo including true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon; pumpkin; summer squash including	SURE-MIX or MERGE or MSO adjuvants at 0.5 L per 100 L of spray solution or LI 700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table		

crookneck squash, scallop squash, straightneck squash, vegetable marrow, and zucchini; winter squash including butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash; watermelon including hybrids and/or varieties of <i>Citrullus lanatus</i>			
Dry Common Beans of The Species <i>Phaseolus Vulgaris</i> Including But Not Limited To: All Dry Common Bean Types Listed On This Label	0.38 - 0.75 Plus SUREMIX or MERGE or MSO adjuvants at 0.5 L per 100 L spray solution or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.	30	Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant. Dry common bean varieties may vary in their tolerance to herbicides, including ASSURE II Herbicide. The tolerance of some dry common bean varieties listed on this label has been confirmed when ASSURE II Herbicide is applied as directed. Since not all dry common bean varieties have been tested for tolerance to ASSURE II Herbicide, first use of ASSURE II Herbicide should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to ASSURE II Herbicide. Use ground application only. DO NOT apply by air.
Dry Faba Beans (Dry Broad Beans) And Narrow Leaf Lupin	0.38 - 0.75 Plus SURE-MIX or MSO Adjuvants only at 0.5 L per 100 L of spray solution.	30	Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant. Use ground application only. DO NOT apply by air. Use 100-400 litres of water/ha.
Ethiopian Mustard (<i>Brassica carinata</i>)	0.38 - 0.5 Plus See Adjuvant Table	64	Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant. Ground and Aerial applications allowed. Use the higher rate of MERGE when wild oats or quackgrass are the main target weeds, or under conditions not conducive to good

			growth.
Great Northern Bean Navy Bean Pink Bean Pinto Bean Small Red Bean (Western Canada)	0.38 - 0.75	30	Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant. Use ground application only. DO NOT apply by air. Use in a minimum of 100 litres of water/ha.
	Plus		
	SUREMIX or MERGE or MSO adjuvants at 0.5 L per 100 L spray solution or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table.		
Great Northern Bean Pink Bean Pinto Bean Small Red Bean (Tankmix in Western Canada)	0.63	65	For the control of volunteer cereals, wild oats, and broadleaf weeds listed on the BASAGRAN Herbicide label, apply a post-emergent tankmix of ASSURE II Herbicide with BASAGRAN Herbicide. Apply at the 1-3 trifoliolate stage of beans. Make only one application per growing season. Refer to the appropriate sections of the ASSURE II Herbicide and BASAGRAN Herbicide label booklets for a complete list of grassy weeds, their stages of control, as well as additional application and/or use precaution instructions, and/or mixing instructions. Use ground application only. DO NOT apply by air.
	Plus		
	BASAGRAN Herbicide at a rate of 1.75 - 2.25 L/ha.		
	Plus SUREMIX at 0.5 L per 100 L spray solution or MSO adjuvants or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table		

<p>Hemp, industrial – Fibre Seed and oil</p>	<p>0.38 - 0.75 Plus SUREMIX at 0.5 L per 100 L spray solution or MSO adjuvants or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table</p>	<p>73</p>	<p>Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant.</p> <p>Make one application per year when the crop is at the 2-6 crop leaf stage (6-25 cm in height).</p> <p>Use in a minimum of 100 litres of water/ha with a spray pressure of 210-275 kPa.</p> <p>Use ground application only. DO NOT apply by air.</p>
<p>Pome Fruits Crop Group 11-09:</p> <p>Including Apple Azarole Crabapple Mayhaw Medlar Pear Asian pear Quince, Chinese Quince, Japanese Quince, Tejocote</p> <p>as well as cultivars, varieties and/or hybrids of these commodities.</p>	<p>0.38 - 0.75 Plus Recommended adjuvant at 0.5 L per 100L spray solution. See Adjuvant Table</p>	<p>14</p>	<p>Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>Use a directed spray application to minimize the amount of spray coming into contact with the fruit trees. Apply a minimum of 100 litres/ha of total spray volume.</p>
<p>Rhodiola Rosea (Alberta only)</p>	<p>0.38 - 0.75 Plus LI 700 or Liberate at rates listed in adjuvant table.</p>	<p>365</p>	<p>Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant.</p> <p>Use a minimum of 100 litres of water/ha.</p> <p>Use ground application only. DO NOT apply by air.</p> <p>Do not harvest crop for a minimum of 12 months/365 days after the last treatment.</p>
<p>Rutabagas (Ontario and Quebec only)</p>	<p>0.38 - 0.75 Plus SUREMIX or MERGE or MSO adjuvants at 0.5 L per 100 L spray</p>	<p>30</p>	<p>Apply ASSURE II Herbicide as a single post-emergent spray a recommended adjuvant.</p> <p>Apply at the 2-5-leaf stage of the annual grasses.</p> <p>Use ground application only. DO NOT apply by air.</p>

	solution or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table		
Saskatoon Berries	0.38 - 0.75 Plus Recommended adjuvant at 0.5 L per 100L spray solution. See Adjuvant Table	41	Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant. Use ground application only. DO NOT apply by air. Use a directed spray application to minimize the amount of spray coming into contact with the Saskatoon berries. Apply a minimum of 100 litres/ha of total spray volume.
Small Fruits, Vine Climbing Except Fuzzy Kiwi Fruit Crop Subgroup 13-07F: Including Amur river grape Gooseberry Grape Hardy kiwifruit Maypop Schisandra berry as well as cultivars, varieties, and hybrids of these commodities	0.38 - 0.75 Plus Recommended adjuvant at 0.5 L per 100L spray solution. See Adjuvant Table	15	Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant. Use ground application only. DO NOT apply by air. Use a directed spray application to minimize the amount of spray coming into contact with the vines. Use a minimum of 100 litres of water/ha.
Snap Beans	0.38 – 0.75 Plus See Adjuvant Table	30	Apply ASSURE II Herbicide as a single post-emergent spray with a recommended adjuvant. Apply one application per year at the 2- to 5-leaf stage of annual grasses and up to the 3-leaf stage of quackgrass. Use ground application only. DO NOT apply by air.
Soybean For use only in Ontario for control of Long-spined Sandbur.	0.38 Plus SUREMIX at 0.5 L per 100 L spray solution or MSO adjuvants or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone	80	For the control of Long-spined Sandbur, apply ASSURE II Herbicide as a single post-emergent spray at the 2 leaf to tillering stage of Long-spined Sandbur. Use ground application only. DO NOT apply by air.

	Surfactant at rates listed in adjuvant table		
Stone Fruits Crop Group 12-09:	0.38 - 0.75 Plus	14	Apply as a single post-emergent broadcast spray directed at the ground with a recommended adjuvant.
Including apricot, Japanese apricot, black cherry, Nanking cherry, sweet cherry, tart cherry, Chinese jujube, nectarine, peach, plum, American plum, beach plum, Canada plum, cherry plum, Chicksaw plum, Damson plum, Japanese plum, Klamath plum, prune plum, plumcot, sloe, as well as cultivars, varieties and hybrids of these commodities.	Recommended adjuvant at 0.5 L per 100L spray solution. See Adjuvant Table		Use ground application only. DO NOT apply by air. Use a directed spray application to minimize the amount of spray coming into contact with the fruit trees. Use a minimum of 100 litres of water/ha.
Sugarbeets	0.38 or 0.75 Plus SUREMIX at 0.5 L per 100 L spray solution or MSO adjuvants or LI700 or Liberate or Cornerstone Adjuvant or Cornerstone Surfactant at rates listed in adjuvant table	60 - 80	Apply ASSURE II Herbicide as a post emergent broadcast application to small, emerged grassy weeds between the 2 leaf to early tillering leaf stage. Application to grassy weeds should be made before the crop canopy closes to maximize spray coverage. To control annual grasses and volunteer cereals, apply 0.38 L/ha ASSURE II Herbicide. If a second flush of annual grasses or volunteer cereals is observed, apply an additional (sequential) application of ASSURE II Herbicide at 0.38 L/ha. To control annual grasses, volunteer cereals and quackgrass apply ASSURE II Herbicide at 0.75 L/ha. Do not exceed an accumulative, seasonal use rate of 0.75 L/ha of ASSURE II Herbicide per year. The minimal re-treatment interval (RTI) is 14 days. Use ground application only. DO NOT apply by air.

GROUND APPLICATION:**EQUIPMENT - SPRAY VOLUME**

Apply the spray mixture with ground equipment only. Use a properly calibrated sprayer that will provide thorough coverage of the weeds with the spray. Apply a minimum of 100 litres per hectare total spray volume. Under heavy weed pressure, use increased volumes up to 400 litres total spray volume per hectare

Avoid overlapping. Shut off spray booms while starting, turning, slowing or stopping to prevent over application.

Use spray preparation of ASSURE II Herbicide within 24 hours or product degradation may occur. If spray preparation is left without agitation, thoroughly agitate before using.

Do not apply when environmental conditions such as wind speed, temperature, relative humidity, etc. are favourable for drift to occur.

NOTE:

Extreme care must be taken to prevent drift to desirable plants or non-target agricultural land.

MIXING INSTRUCTIONS:

1. Make sure that spray tank is thoroughly cleaned before mixing.
2. Fill tank half full with water. KEEP AGITATOR RUNNING.
3. If tank mixing ASSURE II Herbicide with another herbicide, use the following sequence:
 - a) dry products such as DF, SG, WDG formulations
 - b) suspension concentrates, suspensions or flowables
 - c) solutions (SN)
 - d) Assure II Herbicide or other emulsifiable concentrates (EC)
 - e) Slowly add listed adjuvant from adjuvant table.

Ensure that the herbicide is completely mixed before proceeding to the next step.

4. Add the rest of the required water to the tank. Mix well before applying to the crop.

On repeat tank loads, ensure that the amount of spray solution left in the tank from the previous load is less than 10% of volume about to be mixed.

Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

SPRAYER CLEAN-OUT:

Thoroughly clean all traces of ASSURE II Herbicide from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed grass crops. Addition of a commercial tank cleaner or detergent may increase efficiency of the cleaning process.

USE PRECAUTIONS:

- Do not apply ASSURE II Herbicide to plants stressed by severe conditions such as drought, low fertility, or cool weather as control of weeds may be reduced.
- Do not apply ASSURE II Herbicide to crops stressed by severe conditions such as drought, low fertility, saline soils, waterlogged soils (soils at or near field capacity), disease or insect damage as crop injury may result.
- Drought, disease or insect damage following application may also result in crop injury.

- Rainfall within 1 hour of application may reduce effectiveness of the spray.
- Avoid drift to other crops and non-target areas. Grass crops such as corn and wheat etc. are highly sensitive to ASSURE II Herbicide.
- Do not contaminate irrigation water.

CAUTION:

For all crops except Enlist™ corn and seedling and established creeping red fescue grown for forage and hay, do not graze the treated crops or cut for hay; sufficient data are not available to support such use.

If this pest control product is to be used on a commodity that may be exported and you require information on acceptable residue levels, please contact company representatives at 1-888-462-6822.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, ASSURE II Herbicide is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to ASSURE II Herbicide and other Group 1 herbicides. The resistance 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 ASSURE II Herbicide or other Group 1 herbicides within a growing season (sequence) or among growing seasons 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. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- 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 your local AMVAC Canada ULC representative or the AMVAC Canada ULC hotline at 1-888-462-6822 for further information.

STORAGE:

Store this product away from food or feed.

Not for use or storage in or around the home. Keep container closed. DO NOT ALLOW TO FREEZE.

DISPOSAL:For recyclable containers:

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/ territorial requirements.

For returnable containers:

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Disposal of unused, unwanted product:

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

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.

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