

2023-1818
2024-06-27

Container Label

GROUP	2	HERBICIDE
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AC 299,263 120 AS

Herbicide Solution

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND INTERIOR OF BRITISH COLUMBIA
(INCLUDING THE PEACE RIVER REGION) ONLY ON **Clearfield®** AND **Clearfield® Plus**
WHEAT¹ (WHEAT VARIETIES WITH THE **Clearfield** TRAIT) AND FIELD PEAS

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Imazamox120 g/L (present as ammonium salt)

Contains 1,2 benzisothiazolin-3-one at 0.019% as a preservative

REGISTRATION NO. 26705 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1.34 L – 200 L

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673

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

BASF Canada Inc.
5025 Creekbank Road
Building A, 2nd Floor
Mississauga, Ontario L4W 0B6
1-877-371-2273

Clearfield is a registered trade-mark of BASF Agrochemical Products B.V., used under license
by BASF Canada Inc.

(Back Panel of the Jug)

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

DO NOT APPLY BY AIR.

Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear goggles or face shield for mixing/loading, clean-up and repair activities. Gloves are not required during application within a closed cab.

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

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

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.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

FIRST AID

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.

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 product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Store this product away from food or feed.

Store above 5°C.

Store in a cool, dry place away from children, animals or fertilizers.

Keep from freezing.

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/territorial requirements.

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.

¹ *Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. Other applicable patents include Canadian Patent Nos. 2456314, 2455512, 2456311, 2492167 and 2790951. The use of this product in the practice of patented methods could constitute patent infringement. Further information can be obtained by contacting BASF Canada at 1-877-371-2273.*

2023-1818
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Booklet Label

GROUP	2	HERBICIDE
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AC 299,263 120 AS

Herbicide Solution

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(INCLUDING THE PEACE RIVER REGION) ONLY ON **Clearfield®** AND **Clearfield® Plus**
WHEAT¹ (WHEAT VARIETIES WITH THE **Clearfield** TRAIT) AND FIELD PEAS

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Imazamox120 g/L (present as ammonium salt)

Contains 1,2 benzisothiazolin-3-one at 0.019% as a preservative

REGISTRATION NO. 26705

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1.34 L – 200 L

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PRECAUTIONS

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DO NOT APPLY BY AIR.

Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear goggles or face shield for mixing/loading, clean-up and repair activities. Gloves are not required during application within a closed cab.

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

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

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.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

FIRST AID

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.

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TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Store away from food or feed.

Store above 5°C.

Store in a cool, dry place away from children, animals or fertilizers.

Keep from freezing.

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:

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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.

DIRECTIONS FOR USE (Prairie Provinces and Interior of British Columbia)

AC 299,263 120 AS Herbicide Solution is a selective herbicide that can be applied as an early post-emergent treatment in **Clearfield®** or **Clearfield® Plus** Wheat¹ varieties (wheat varieties with the **Clearfield** trait). **Clearfield** and **Clearfield Plus** Wheat¹ varieties are tolerant of imazamox, the active ingredient in AC 299,263 120 AS Herbicide Solution. Wheat varieties that are not designated as having the **Clearfield** trait may be damaged or destroyed by this treatment. When AC 299,263 120 AS Herbicide Solution is applied early post-emergence, absorption may occur through both the roots and foliage. Susceptible weeds stop growing and eventually die.

AC 299,263 120 AS Herbicide Solution may also be applied as an early post-emergence treatment in field peas when applied in tank mix with Basagran Forte Herbicide. **DO NOT** apply to field peas that have been subjected to stress from conditions such as hail damage, flooding, drought, hot, humid weather, widely fluctuating temperature conditions, prolonged cold weather or injury from prior herbicide applications, as crop injury may result.

Apply using ground equipment only. **DO NOT** apply by air.

Do not apply more than once per year.

DO NOT apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands) and estuarine/marine habitats.

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

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

DO NOT graze treated wheat within 14 days of application or cut for hay within 42 days of application.

DO NOT graze treated field peas or cut for hay within 20 days of application.

Pre-harvest Interval: Wheat grain and straw can be harvested 79 days after treatment. After 60 days, field peas can be harvested.

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.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- Uses with hand-held application equipment permitted on this label.
- 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).

Method of Application	Crop	Spray Buffer zones (metres) Required for the Protection of Terrestrial Habitat
Field sprayer	Wheat and peas (dried field)	1

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.

CROP: Clearfield® and Clearfield® Plus Wheat¹ (Wheat varieties with the Clearfield trait)

BROADLEAF WEED AND GRASS CONTROL

Application should be made from the 2 to the 6 leaf stage of wheat crop and after the weeds have emerged. To control broadleaf weeds apply AC 299,263 120 AS Herbicide Solution from the cotyledon up to the 4 leaf stage. To control grasses, apply AC 299,263 120 AS Herbicide Solution from the 1-4 true leaf stage up until early tillering. Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury will occur as a result of spray overlap. AVOID SPRAYER OVERLAP.

AC 299,263 120 AS Herbicide Solution at 125 mL product/ha (15 g a.e./ha) will control:	
Lamb's-quarters* Stinkweed Wild mustard	Volunteer spring wheat (non- Clearfield wheat)
AC 299,263 120 AS Herbicide Solution at 167 mL product/ha (20 g a.e./ha) will control:	
Barnyard grass Cleavers* Cow cockle Green foxtail Green smartweed Japanese Brome Grass* Lamb's-quarters* Persian darnel Redroot pigweed Round-leaved mallow* Russian thistle* Shepherd's purse Stinkweed	Volunteer barley Volunteer canary seed Volunteer canola (non- Clearfield canola only) Volunteer durum wheat Volunteer spring wheat (non- Clearfield wheat) Volunteer tame oats Wild buckwheat* Wild mustard Wild oats Yellow foxtail

* = suppression only

APPLICATION INSTRUCTIONS

Apply in 50-100 L/ha of water. Applications of AC 299,263 120 AS Herbicide Solution require the addition of an adjuvant as indicated in the table below. For **Clearfield** wheat varieties, apply AC 299,263 120 AS Herbicide Solution with a non-ionic surfactant (NIS) only. For **Clearfield Plus** wheat varieties, AC 299,263 120 AS Herbicide Solution may be applied with MSO Concentrate with Leci-Tech, Merge Adjuvant or NIS. Refer to the **Adjuvant Options** table below for rates.

Adjuvant Options

Wheat Variety	Non-Ionic Surfactant ¹	MSO Concentrate with Leci-Tech	Merge Adjuvant
Clearfield	0.25% v/v	—	—
Clearfield Plus	0.25% v/v	1% v/v	0.5% v/v

¹ Examples of non-ionic surfactants (NIS) include AGRAL® 90 or AG-SURF®.

DO NOT use MSO or Merge Adjuvant with AC 299,263 120 AS Herbicide Solution on **Clearfield** wheat varieties. MSO or Merge Adjuvant may be used with AC 299,263 120 AS Herbicide Solution on **Clearfield Plus** only wheat varieties. When AC 299,263 120 AS Herbicide Solution is tank mixed with another herbicide, use of MSO or Merge Adjuvant on **Clearfield Plus** wheat varieties is only recommended when a tank mix partner allows use of MSO or Merge Adjuvant.

TANK-MIXING

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 BASF Canada Inc. at 1-877-371-2273 for information before applying any tank mix that is not specifically recommended on this label.

To provide broad-spectrum weed control in **Clearfield** and **Clearfield Plus** wheat varieties, AC 299,263 120 AS Herbicide Solution may be tank-mixed with the following tank-mix partners.

AC 299,263 120 AS Herbicide Solution + 2,4-D Ethylhexyl Ester		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 2 to 6-leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	125 mL/ha OR 167 mL/ha
	2,4-D Ester	560 g ai/ha
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	This tank-mix combination controls all weeds as listed on the AC 299,263 120 AS Herbicide Solution and 2,4-D Ester herbicide labels.	

AC 299,263 120 AS Herbicide Solution + CURTAIL® M Herbicide		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 3 to 6-leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	125 mL/ha OR 167 mL/ha
	CURTAIL M	A maximum rate of 660 g ai/ha (2.0 L pdt/ha)
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	This tank-mix combination controls all weeds as listed on the AC 299,263 120 AS Herbicide Solution and Curtail M Herbicide labels.	

Crops		
Timing		
Tank Mix Components		
Adjuvant		
Spray Volume		
Weeds Controlled		

AC 299,263 120 AS Herbicide Solution + Starane™ or Starane II Herbicide		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 2 to 6 true leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	167 mL/ha
	Starane or Starane II Herbicide	0.6 L/ha Starane OR 0.31 L/ha Starane II
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	<p>In addition to the control of weeds as listed on the AC 299,263 120 AS Herbicide Solution label, this tank-mix combination controls kochia (including Group 2 resistant), volunteer flax and cleavers (including Group 2 resistant), and provides suppression of stork's bill.</p> <p>Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury and a delay in maturity may occur as a result of over spray. AVOID SPRAYER OVERLAP.</p>	

AC 299,263 120 AS Herbicide Solution + Starane™ or Starane II Herbicide + MCPA Ester		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 3 to 6 true leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	167 mL/ha
	Starane or Starane II Herbicide	0.6 L/ha Starane OR 0.31 L/ha Starane II
	MCPA Ester	560 g ai/ha (500 g/L formulation: 1.12 L/ha) (600 g/L formulation: 0.93 L/ha)
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	<p>This tank-mix combination controls cow cockle, wild buckwheat and common chickweed (non-Group 2 resistant biotypes) in addition to all weeds as listed on the AC 299,263 120 AS Herbicide Solution label plus weeds as listed on the Starane Herbicide label for the tank-mix of Starane Herbicide plus MCPA Ester.</p> <p>Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury and a delay in maturity may occur as a result of over spray. AVOID SPRAYER OVERLAP.</p>	

AC 299,263 120 AS Herbicide Solution + Starane™ or Starane II Herbicide + 2,4-D Ester Herbicide		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 4 to 6 true leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	167 mL/ha
	Starane or Starane II Herbicide	0.6 L/ha Starane OR 0.31 L/ha Starane II
	2,4-D Ester	560 g ae/ha (2,4-D Ester 600 formulation: 1 L/ha) (2,4-D Ester 700 formulation: 0.85 L/ha)
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	<p>This tank-mix combination controls all weeds as listed on each of the tank mix partner product labels.</p> <p>Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury and a delay in maturity may occur as a result of over spray. AVOID SPRAYER OVERLAP.</p>	

AC 299,263 120 AS Herbicide Solution + Starane™ or Starane II Herbicide + CURTAIL® M Herbicide		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 3 to 6 true leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	167 mL/ha
	Starane or Starane II Herbicide	0.6 L/ha Starane OR 0.31 L/ha Starane II
	CURTAIL M	Maximum rate of 2.0 L/ha
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	<p>This tank-mix combination controls all weeds as listed on each of the tank mix partner product labels.</p> <p>Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury and a delay in maturity may occur as a result of over spray. AVOID SPRAYER OVERLAP.</p>	

AC 299,263 120 AS Herbicide Solution + MCPA Ester		
Crops	Clearfield and Clearfield Plus Wheat ¹	
Timing	Post-emergent application from the 3 to 6 true leaf stage of crop	
Tank Mix Components	AC 299,263 120 AS Herbicide Solution	167 mL/ha
	MCPA Ester	560 g ai/ha – 630 g ai/ha (500 g/L formulation: 1.12 – 1.26 L/ha) (600 g/L formulation: 0.93 – 1.05 L/ha)
Adjuvant	Refer to table of Adjuvant Options above. Adjuvant option and rate will depend on wheat variety.	
Spray Volume	50-100 L/ha water	
Weeds Controlled	<p>This tank-mix combination controls all weeds as listed on the AC 299,263 120 AS Herbicide Solution label plus weeds as listed on the MCPA Ester label.</p> <p>Initial crop injury may be observed after application but this is outgrown and should not affect yield. Severe crop injury and a delay in maturity may occur as a result of over spray. AVOID SPRAYER OVERLAP.</p>	

CROP: Peas (Dried Field)

AC 299,263 120 AS Herbicide Solution + Basagran Forte Herbicide

AC 299,263 120 AS Herbicide Solution may be applied as an early post-emergence treatment in peas (dried field) when applied in tank mix combination with Basagran Forte Herbicide.

Treated crops are not to be grazed or cut for hay.

Timing	Early post-emergence					
Rate	167 mL/ha AC 299,263 120 AS Herbicide Solution + 894 mL/ha Basagran Forte Herbicide + 2 L/ha nitrogen source* (UAN 28%)					
Water Volume	100 L/ha					
Weeds Controlled	<p>This tank-mix combination will provide control of weeds as listed in the Broadleaf Weed and Grass Control section of this label. The addition of 894 mL/ha of Basagran Forte Herbicide will provide control of the following additional weeds:</p> <table border="1"><thead><tr><th>Control</th><th>Suppression</th></tr></thead><tbody><tr><td>Volunteer Clearfield canola</td><td rowspan="2">Wild buckwheat</td></tr><tr><td>Wild mustard (Group 2 resistant)</td></tr></tbody></table>	Control	Suppression	Volunteer Clearfield canola	Wild buckwheat	Wild mustard (Group 2 resistant)
Control	Suppression					
Volunteer Clearfield canola	Wild buckwheat					
Wild mustard (Group 2 resistant)						
Remark	Application should be made from the 3 - 6 node stage of field peas and after weeds have emerged. Apply when broadleaf weeds are from the cotyledon to 4-leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.					

*Nitrogen source: A reduction in grass control can be observed without the addition of a nitrogen source (UAN 28%).

MIXING INSTRUCTIONS

Use 50-100 L/ha of water. Use a 50-mesh (or coarser) filter screen. Fill the spray tank with three-quarters of the required amount of clean water, start agitation and continue agitation throughout the entire mixing and spraying procedure. Add the required amount of AC 299,263 120 AS Herbicide Solution into the sprayer through the tank opening and continue agitating. If required, add tank mix partner(s) and continue agitation. After the herbicide is thoroughly mixed, continue agitation and add the required amount of adjuvant or nitrogen source. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT®). Complete filling the tank to the desired level with water. If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again. Between loads of AC 299,263 120 AS Herbicide Solution, check in-line and nozzle screens and rinse and clean if necessary. Upon completion of spraying AC 299,263 120 AS Herbicide Solution, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.

FOLLOW CROPPING

Winter wheat can be planted 3 months after treatment (3 MAT) as a rotational crop.*

Initial crop injury to non-**Clearfield** canola may be observed. Avoid spray overlap as yield reduction may result. The following crops may be grown safely the year following an application:

- Field peas
- Field corn
- Canary seed*
- Clearfield** Canola¹ (canola varieties with the **Clearfield** trait)
- Non-**Clearfield** canola*
- Lentils
- Spring wheat
- Durum wheat*
- Spring barley
- Sunflower
- Tame oats*
- Flax*
- Chickpea

The following crop may be grown safely two years following an application:

- Mustard (condiment type only)*

*If drought conditions are experienced between June 1 and September 1 in the year of application, delay planting of winter wheat, durum wheat, canary seed, tame oats, flax and canola (non-**Clearfield**) by an additional year. If drought is received between June 1 and September 1 in the year of application OR between June 1 and September 1 in the year following application, delay planting of mustard by an additional year.

In the grey, black, and dark brown soil zones, drought is defined as less than 125 mm of total precipitation between June 1 and September 1. In the brown soil zone, drought is defined as less than 125 mm of total precipitation between June 1 and September 1, OR less than 15 mm of precipitation in any month between June 1 and September 1.

There are insufficient data for other follow crops. Conduct a field bioassay (a test strip grown to maturity) the year before growing any crop other than those listed above.

WARNING: Certain environmental conditions may delay the breakdown of herbicide residues in soil. These conditions include but are not limited to drought, extremes in soil pH (less than 6.5), low organic matter soils (less than 3%), extremely coarse textured (sandy) soils, and excessive cold. Under these conditions, the level of phytotoxic herbicide residues present in the field the season following an application may result in an increased potential for injury to succeeding crops to occur. This potential for increased residues under these environmental conditions is not unique to any specific herbicide or herbicide group but is a property of those herbicides which persist in the soil and are dependent on soil microbial activity and other non-microbial processes (e.g., hydrolysis) to breakdown.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, AC 299,263 120 AS Herbicide Solution is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to AC 299,263 120 AS Herbicide Solution and other Group 2 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 AC 299,263 120 AS Herbicide Solution or other Group 2 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 BASF at 1-877-371-2273 or at www.agsolutions.ca.

® All other products listed are registered trademarks of their respective companies.

¹ *Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. Other applicable patents include Canadian Patent Nos. 2456314, 2455512, 2456311, 2492167 and 2790951. The use of this product in the practice of patented methods could constitute patent infringement. Further information can be obtained by contacting BASF Canada at 1-877-371-2273.*