

Container Label

GROUP	27	HERBICIDE
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**ARMEZON® Herbicide**

FOR SALE FOR USE ON FIELD CORN  
(including both conventional and herbicide tolerant varieties),  
SWEET CORN AND SEED CORN

**SUSPENSION**

**COMMERCIAL (AGRICULTURAL)**

**ACTIVE INGREDIENT:** Topramezone..... 336 g/L

Contains 1,2-benzisothiazolin-3-one at 0.0045% and 2-methyl-4-isothiazolin-3-one at 0.0045%, as preservatives

**OR**

Contains 1,2-benzisothiazolin-3-one at 0.04000%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00122%, 2-methyl-4-isothiazolin-3-one at 0.00041% and 2-bromo-2-nitropropane-1,3-diol at 0.02700%, as preservatives

Warning, contains the allergen soy

**REGISTRATION NO. 30131**

**PEST CONTROL PRODUCTS ACT**

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

**NET CONTENTS:** 0.1 L to 1000 L

**READ THE LABEL AND ATTACHED BROCHURE 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

ARMEZON is a registered trade-mark of BASF SE, used under license by BASF Canada Inc.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Avoid breathing spray or spray mist.
3. Avoid contact with skin, eyes, and clothing.
4. Harmful if swallowed.
5. **DO NOT** apply by air.
6. Wear 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 and loading. Gloves are not required during application within a closed cab.
7. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
8. Do not apply directly to water or areas where surface water is present.
9. Do not apply this product through any type of irrigation system.
10. Do not contaminate domestic or irrigation water. Thoroughly clean application equipment. (See Container Cleaning and Disposal)

[FOR SMALL CONTAINER SIZES ONLY – USE THE FOLLOWING OPTIONAL STATEMENT

## PRECAUTIONS

Avoid breathing spray or spray mist. Avoid contact with skin, eyes, and clothing. Harmful if swallowed. Please refer to the booklet for the complete list of precautions.]

## FIRST AID

**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 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 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 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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## **ENVIRONMENTAL PRECAUTIONS**

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms. Toxic to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to small wild mammals.

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.

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.

## **STORAGE**

1. Store this product away from food or feed.
2. Store **ARMEZON** Herbicide in original container only.
3. Store **ARMEZON** Herbicide in a cool, dry place.
4. Protect from freezing. If this product has been stored where freezing temperatures have occurred, agitate or mix contents of container well before use.

## **DISPOSAL**

### 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 requirements.

#### 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).

#### Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

#### Unused, Unwanted Product

For information on 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.

### **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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SWEET CORN AND SEED CORN

**SUSPENSION**

**COMMERCIAL (AGRICULTURAL)**

**ACTIVE INGREDIENT:** Topramezone..... 336 g/L

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## GENERAL INFORMATION

**ARMEZON** Herbicide is a systemic post-emergence herbicide for selective control of grasses and broadleaf weeds in field corn (conventional and herbicide tolerant hybrids), sweet corn and seed corn (hybrids and inbred lines).

**ARMEZON** Herbicide is absorbed by leaves, roots, and shoots and translocated to the growing points of sensitive weeds to provide post-emergence control of emerged weeds. **ARMEZON** Herbicide controls weeds by inhibiting carotenoid biosynthesis (HPPD inhibitor). Temperatures and moisture conditions for active plant growth are important for optimum **ARMEZON** Herbicide activity.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Avoid breathing spray or spray mist.
3. Avoid contact with skin, eyes, and clothing.
4. Harmful if swallowed.
5. **DO NOT** apply by air.
6. Wear 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 and loading. Gloves are not required during application within a closed cab.
7. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
8. Do not apply directly to water or areas where surface water is present.
9. Do not apply this product through any type of irrigation system.
10. Do not contaminate domestic or irrigation water. Thoroughly clean application equipment. (See Container Cleaning and Disposal)

## SPRAY DRIFT PRECAUTIONS

**ARMEZON** Herbicide may cause injury to desirable trees and plants. Follow these precautions when spraying in the vicinity of sensitive crops:

1. Do not spray **ARMEZON** Herbicide if wind velocity exceeds 8 km/h. Leave an adequate buffer zone between spraying area and sensitive plants.

2. Use high-volume sprays under low pressure. Use coarse sprays since they are less likely to drift than fine sprays. Keep spray pressure below 276 kPa and the spray volume above 200 L/ha unless otherwise required by the nozzle manufacturer.
3. Apply only when the potential for drift to areas of human habitation or 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.

## FIRST AID

**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 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 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 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.

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

## TOXICOLOGICAL INFORMATION

Treat symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## ENVIRONMENTAL PRECAUTIONS

This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms. Toxic to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to small wild mammals.

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.

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.

## **STORAGE**

1. Store this product away from food or feed.
2. Store **ARMEZON** Herbicide in original container only.
3. Store **ARMEZON** Herbicide in a cool, dry place.
4. Protect from freezing. If this product has been stored where freezing temperatures have occurred, agitate or mix contents of container well before use.

## **DISPOSAL AND DECONTAMINATION**

### **Container Cleaning and Disposal**

#### Recyclable Containers

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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.

#### 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).

#### Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

#### Unused, Unwanted Product

For information on 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.



## Spray Equipment Cleaning

### ARMEZON Herbicide with other tank mixes

Follow these steps to clean the spray equipment:

1. Thoroughly hose down the inside and outside of equipment surfaces while filling the spray tank half-full with water. Flush by operating the sprayer until the system is purged of the rinse water.
2. Fill the tank with water, adding 1 L of household ammonia for every 100 L of water. Operate the spray pump to circulate the ammonia solution through the spray system for 15-20 minutes and discharge a small amount of the ammonia solution throughout the spray boom and nozzles. Let the solution stand for several hours, preferably overnight.
3. Flush the solution out of the spray tank through the boom.
4. Remove the nozzles and screens and flush the system with two tanks full of water.
5. Refer to the tank mix partner's product label for any additional cleaning instructions not included in the above steps.

### 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 CORN, SWEET CORN AND SEED CORN (Hybrids and Inbred Lines)

**ARMEZON** Herbicide is effective in post-emergence control of annual weeds in conservation tillage as well as in conventional production systems. Apply **ARMEZON** Herbicide as a post-emergence treatment to corn when weeds are actively growing. For optimal weed control, apply **ARMEZON** Herbicide before the weeds exceed labeled leaf stages.

**ARMEZON** Herbicide can be applied post-emergence on field corn, including imazethapyr tolerant corn (i.e., **Clearfield**®), glyphosate tolerant corn (i.e. Roundup® Ready) and glufosinate ammonium tolerant corn (i.e. LibertyLink® hybrids), sweet corn and seed corn (hybrids and inbred lines). For use in corn, always apply **ARMEZON** Herbicide in tank mix with another herbicide product as indicated under Application Directions.

**ARMEZON** Herbicide should be applied during favourable growing conditions for optimum crop tolerance and weed control. Crops under environmental stress are more likely to show injury from any herbicide application. Rarely, plants under these conditions treated with **ARMEZON** Herbicide may show some transient bleaching of the portion of the leaves intercepting the spray application. These symptoms are transient and occur infrequently. Growth is not affected and normal plant appearance is seen within 1 to 2 weeks.

### 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.

**DO NOT** apply by air.

### SPRAY BUFFER ZONES

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

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	Crop	Spray Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Corn, flax	1	1	5

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.

### RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **ARMEZON** Herbicide is a Group 27 herbicide. Any weed population may contain or develop plants naturally resistant to **ARMEZON** Herbicide and other Group 27 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 **ARMEZON** Herbicide or other Group 27 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.

## **WEEDS CONTROLLED**

For best performance on broadleaf weeds, spray before the weeds exceed the maximum leaf stage listed in the Application Directions table.

For best performance on grass weeds, spray before they exceed the maximum leaf stage listed in the Application Directions table.

**ARMEZON** Herbicide is effective on biotypes of species listed that may be resistant to triazines or ALS herbicide products.

For field corn, **ARMEZON** Herbicide may be tankmixed with Aatrex® 480, atrazine, glyphosate, atrazine plus glyphosate, atrazine plus Frontier® Max or atrazine plus glyphosate plus Frontier Max to provide improved control of annual broadleaf and annual grass weeds.

For weed control in sweet corn and seed corn, **ARMEZON** Herbicide must be tankmixed with atrazine. For full broad spectrum seasonal weed control, apply to sweet and seed corn following a pre-emergence application of a residual herbicide such as Frontier Max.

## APPLICATION DIRECTIONS

Uniformly apply with properly calibrated ground equipment using 100-200 L water per hectare. Flat-fan nozzle tips are recommended for post-emergence applications. A spray pressure of 140-276 kPa is recommended.

Do not apply when wind speeds exceed 8 km/h or when drift near desirable plants is possible.

## SPRAY ADDITIVES

For best adherence and foliar uptake, **ARMEZON** Herbicide may require the addition of spray additives to the spray solution. Consult the Application Direction tables for rates and recommendations.

For application to sweet and seed corn, use Assist® Oil Concentrate plus liquid fertilizer (UAN 28%) only with **ARMEZON** Herbicide.

## FIELD CORN

Always apply **ARMEZON** Herbicide in tank mix with another herbicide product. **ARMEZON** Herbicide should be used as a broadcast ground treatment in tank mix with atrazine or with atrazine plus Frontier Max for improved residual control of grass weeds. **ARMEZON** Herbicide may be used in tank mix with glyphosate, atrazine plus glyphosate or atrazine plus glyphosate plus Frontier Max for control of a broader spectrum of emerged grass and broadleaf weeds. Refer to the atrazine, glyphosate and Frontier Max labels for precautions and restrictions.

## SWEET CORN AND SEED CORN (Hybrids and Inbred Lines)

**ARMEZON** Herbicide must be used as a broadcast ground treatment in tank mix with atrazine for improved weed control. For full broad spectrum seasonal weed control, apply following a pre-emergence application of a residual herbicide such as Frontier Max. Refer to the atrazine label for precautions, restrictions and limitations.

Sweet and seed corn cultivars may vary in their tolerance to herbicides, including a tank mix of **ARMEZON** Herbicide (topramezone) + atrazine (Aatrex Liquid 480 Herbicide). Since not all sweet and seed corn cultivars have been tested for tolerance to a tank mix of topramezone + atrazine, first use should be limited to a small area of each cultivar to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific cultivars of sweet and seed corn to the tank mix of **ARMEZON** Herbicide + atrazine.

## TANK MIXES

When **ARMEZON** Herbicide is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, restrictions and precautions. Always use in accordance with the most restrictive label restrictions and precautions.

**Tankmix with atrazine (for use in field corn, sweet corn and seed corn – hybrids and inbred lines)**

Apply **ARMEZON** Herbicide when the corn is at the 1 to 7-leaf stage, broadleaf weeds are at the 1 to 8-leaf stage and grass weeds are at the 1 to 4-leaf stage.

Refer to the atrazine label for precautions, restrictions and limitations. Always use in accordance with the more restrictive label restrictions and precautions.

**Sweet corn and seed corn (hybrids and inbred lines)**

Herbicide	Rate	Weeds Controlled	Weeds Suppressed
<b>ARMEZON</b> Herbicide + Aatrex 480 <sup>1</sup> + Assist <sup>2</sup> + UAN <sup>2</sup>	37 mL/ha + 1.04 L/ha (500 g ai/ha)	Common lamb's quarters Lady's thumb Common ragweed	Velvetleaf Common chickweed Green foxtail
<b>ARMEZON</b> Herbicide + atrazine + Assist <sup>2</sup> + UAN <sup>2</sup>	37 mL/ha + 500 g ai/ha	Eastern black nightshade Wild mustard Redroot pigweed Green pigweed	Yellow foxtail Large crabgrass Barnyard grass

<sup>1</sup> Other atrazine formulations may require rate calculation adjustment according to percent of active ingredient.

<sup>2</sup> Use at 1.25% v/v, i.e. 12.5 litres per 1000 L spray solution.

**Field Corn**

Herbicide	Rate	Weeds Controlled	Weeds Suppressed
<b>ARMEZON</b> Herbicide + Aatrex 480 <sup>1</sup> + Merge <sup>2</sup> OR Assist <sup>3</sup> + UAN <sup>3</sup>	37 mL/ha + 1.04 L/ha (500 g ai/ha)	Common lamb's quarters Lady's thumb Common ragweed Eastern black nightshade Wild mustard	Velvetleaf Common chickweed Green foxtail Yellow foxtail Large crabgrass Barnyard grass
<b>ARMEZON</b> Herbicide + atrazine + Merge <sup>2</sup> OR Assist <sup>3</sup> + UAN <sup>3</sup>	37 mL/ha + 500 g ai/ha	Redroot pigweed Green pigweed	

<sup>1</sup> Other atrazine formulations may require rate calculation adjustment according to percent of active ingredient.

<sup>2</sup> Use Merge Adjuvant at 0.5% v/v, i.e. 5 litres per 1000 L spray solution.

<sup>3</sup> Use at 1.25% v/v, i.e. 12.5 litres per 1000 L spray solution.

**Tankmix with atrazine plus Frontier Max (for use in field corn)**

Apply **ARMEZON** Herbicide when the corn is at the 1 to 3 leaf stage, broadleaf weeds are at the 1 to 8 leaf stage and grass weeds are at the 1 to 4 leaf stage.

Refer to the atrazine and Frontier Max labels for precautions, restrictions and limitations. Always use in accordance with the most restrictive label restrictions and precautions.

Herbicide	Rate	Weeds Controlled	Weeds Suppressed
<b>ARMEZON</b> Herbicide + atrazine + Frontier Max + Merge <sup>1</sup> OR Assist <sup>2</sup> + UAN <sup>2</sup>	37 mL/ha + 500 g ai/ha + 756 mL/ha to 963 mL/ha <sup>3</sup>	Common lamb's quarters Lady's thumb Common ragweed Eastern black nightshade Wild mustard Redroot pigweed Green pigweed Green foxtail Yellow foxtail Large crabgrass Barnyard grass Fall panicum <sup>4</sup> Old witchgrass	Velvetleaf Common chickweed

<sup>1</sup> Use Merge Adjuvant at 0.25% v/v, i.e. 2.5 litres per 1000 L spray solution.

<sup>2</sup> Use at 1.25% v/v, i.e. 12.5 litres per 1000 L spray solution.

<sup>3</sup> Apply Frontier Max herbicide at the higher label rates on fine textured or high organic soils and for heavier weed problems.

<sup>4</sup> Apply before fall panicum exceeds the 2-leaf growth stage. If applied later, this weed will only be suppressed.

### Tankmix with glyphosate

For control of emerged weeds, apply when the corn is at the 1 to 7 leaf stage, broadleaf weeds are at the 1 to 8 leaf stage and grass weeds are at the 1 to 4 leaf stage. Refer to glyphosate label for additional flexibility in weed stages at the time of application.

### WARNING

Apply glyphosate on glyphosate tolerant field corn varieties only, i.e. varieties with the Roundup Ready gene. **CORN VARIETIES WHICH ARE NOT DESIGNATED AS GLYPHOSATE TOLERANT WILL BE DAMAGED OR DESTROYED BY THIS TREATMENT.**

Refer to the glyphosate label for precautions, restrictions and limitations. Always use in accordance with the more restrictive label restrictions and precautions.

For control of secondary flushes of volunteer canola, a sequential application of **ARMEZON Herbicide** at 37 mL/ha may be applied before the corn exceeds the 7-leaf stage. The sequential application of **ARMEZON** Herbicide may be applied in tank mix with glyphosate at 900 g ae/ha to control late flushes of weeds on the glyphosate label that emerge after the initial treatment with the tank mix. When applying **ARMEZON** Herbicide without glyphosate, apply with Merge Adjuvant at 0.5% v/v. Do not exceed a maximum seasonal application rate of 74 mL/ha of **ARMEZON** Herbicide.

Herbicide <sup>1</sup>	Rate	Weeds Controlled	Weeds Suppressed
<b>ARMEZON</b> Herbicide + glyphosate <sup>2</sup>	37 mL/ha + (900 g ae/ha)	Common ragweed Eastern black nightshade Volunteer Canola <sup>3,4</sup> Kochia <sup>5</sup> Wild mustard	Common lamb's quarters Velvetleaf Common chickweed Lady's thumb Green foxtail Yellow foxtail Large crabgrass Barnyard grass
		Refer to the glyphosate label for additional weed species controlled or suppressed.	

<sup>1</sup> Spray additives are not required when **ARMEZON** Herbicide is applied in tank mix with glyphosate.

<sup>2</sup> Only use glyphosate products registered for post-emergence application on glyphosate-tolerant corn, where glyphosate is present as isopropylamine salt or potassium salt. A rate of 900 g ae/ha is equivalent to 1.67 L/ha of Roundup WeatherMAX.

<sup>3</sup> All types including glyphosate tolerant. Apply before volunteer canola exceeds the 6-leaf stage.

<sup>4</sup> For control of secondary flushes, a sequential application of **ARMEZON** Herbicide may be applied. When applying **ARMEZON** Herbicide without glyphosate, apply with Merge Adjuvant at 0.5% v/v.

<sup>5</sup> All types including glyphosate-resistant. Apply to kochia less than 10 cm.

### Tankmix with glyphosate plus atrazine

For control of emerged weeds, apply when the corn is at the 1 to 7 leaf stage, broadleaf weeds are at the 1 to 8 leaf stage and grass weeds are at the 1 to 4 leaf stage. Refer to glyphosate label for additional flexibility in weed stages at the time of application.

### WARNING

Apply glyphosate on glyphosate tolerant field corn varieties only, i.e. varieties with the Roundup Ready gene. **CORN VARIETIES WHICH ARE NOT DESIGNATED AS GLYPHOSATE TOLERANT WILL BE DAMAGED OR DESTROYED BY THIS TREATMENT.**

Refer to the atrazine and glyphosate labels for precautions, restrictions and limitations. Always use in accordance with the more restrictive label restrictions and precautions.

Herbicide <sup>1</sup>	Rate	Weeds Controlled	Weeds Suppressed
<b>ARMEZON</b> Herbicide + glyphosate <sup>2</sup> + atrazine <sup>3</sup>	37 mL/ha + (900 g ae/ha) + (500 g ai/ha)	Common lamb's quarters Lady's thumb Common ragweed Eastern black nightshade Volunteer Canola <sup>4</sup> Kochia <sup>5</sup> Wild mustard Redroot pigweed Green pigweed	Velvetleaf Common chickweed Green foxtail Yellow foxtail Large crabgrass Barnyard grass
		Refer to the glyphosate label for additional weed species controlled or suppressed.	

<sup>1</sup> Spray additives are not required.

<sup>2</sup> Only use glyphosate products registered for post-emergence application on glyphosate-tolerant corn, where glyphosate is present as isopropylamine salt or potassium salt. A rate of 900 g ae/ha is equivalent to 1.67 L/ha of Roundup WeatherMAX.

<sup>3</sup> Equivalent to 1.04 L/ha of Aatrex 480.

<sup>4</sup> All types including glyphosate tolerant. Apply before volunteer canola exceeds the 6-leaf stage.

<sup>5</sup> All types including glyphosate-resistant. Apply to kochia less than 10 cm.

### Tankmix with atrazine plus glyphosate plus Frontier Max

Apply when the corn is at the 1 to 3 leaf stage, broadleaf weeds are at the 1 to 8 leaf stage and grass weeds are at the 1 to 4 leaf stage. Refer to glyphosate label for additional flexibility in weed stages at the time of application.

#### WARNING

Apply glyphosate on glyphosate tolerant field corn varieties only, i.e. varieties with the Roundup Ready gene. **CORN VARIETIES WHICH ARE NOT DESIGNATED AS GLYPHOSATE TOLERANT WILL BE DAMAGED OR DESTROYED BY THIS TREATMENT.**

Refer to the Frontier Max, atrazine and glyphosate labels for precautions, restrictions and limitations. Always use in accordance with the more restrictive label restrictions and precautions.

Herbicide <sup>1</sup>	Rate	Weeds controlled	Weeds suppressed
<b>ARMEZON</b> Herbicide + atrazine + Frontier Max herbicide + glyphosate <sup>2</sup>	37 mL/ha + 500 g ai/ha + 756 mL/ha to 963 mL/ha <sup>3</sup> + (900 g ae/ha)	Common lamb's-quarters Lady's thumb Common ragweed Eastern black nightshade Wild mustard Redroot pigweed Green pigweed Green foxtail Yellow foxtail Kochia <sup>4</sup> Large crabgrass Barnyard grass Fall panicum <sup>5</sup> Old witchgrass Volunteer canola <sup>6</sup>	Velvetleaf Common chickweed
Refer to the glyphosate label for additional weed species controlled or suppressed.			

<sup>1</sup> Spray additives are not required.

<sup>2</sup> Only use glyphosate products registered for post-emergence application on glyphosate-tolerant corn, where glyphosate is present as isopropylamine salt or potassium salt. A rate of 900 g ae/ha is equivalent to 1.67 L/ha of Roundup WeatherMAX.

<sup>3</sup> Apply Frontier Max herbicide at the higher label rates on fine textured or high organic soils and for heavier weed problems.

<sup>4</sup> All types including glyphosate-resistant. Apply to kochia less than 10 cm.

<sup>5</sup> Apply before fall panicum exceeds the 2-leaf growth stage. If applied later, this weed will only be suppressed.

<sup>6</sup> All types including glyphosate tolerant. Apply before volunteer canola exceeds the 6-leaf stage.

### MIXING INSTRUCTIONS AND ORDER

**ARMEZON** Herbicide Tank Mixes:

Add dry material first for proper dispersion.



1. Fill sprayer  $\frac{1}{2}$  full with clean water and agitate.
2. Add dry tank mix partners into the spray tank and agitate.
3. Add **ARMEZON** Herbicide and thoroughly mix.
4. After the **ARMEZON** Herbicide has visibly dispersed, add any liquid herbicide tank mix partners.
5. Add either Merge Adjuvant to the spray tank or Assist followed by liquid fertilizer (UAN 28%), with the exception of glyphosate tank-mixes.
6. While agitating, fill the remainder of the tank with water up to the proper level.

## **CROP HARVEST**

Do not apply **ARMEZON** Herbicide within 45 days of corn harvest (silage, fodder or grain).

Do not graze or feed treated corn forage, silage, fodder or grain for at least 45 days after an application of **ARMEZON** Herbicide.

Treated seeds grown for seed production are not to be fed to livestock.

## **ROTATIONAL CROPPING**

In the event of crop failure in fields treated with **ARMEZON** Herbicide, only field corn can be planted as a rescue crop. A second application of **ARMEZON** Herbicide can only be made in the rescue crop if the maximum seasonal application rate to the field of 74 mL/ha will not be exceeded.

Maximum Seasonal Application Rate of 37 mL/ha: Fields treated with one application of **ARMEZON** Herbicide at 37 mL/ha can be seeded to winter wheat at a minimum four months after application and can be seeded to spring wheat, field corn, canola, lentils, navy (white) beans, soybeans, peas, potatoes and alfalfa the following year.

Maximum Seasonal Application Rate of 74 mL/ha: Fields treated with two applications of **ARMEZON** Herbicide at 37 mL/ha can only be seeded to winter wheat at a minimum four months after application and can be seeded to spring wheat, field corn and canola the following year.

Conduct a field bioassay (a test strip grown to maturity) the year before growing any other crop.

If using **ARMEZON** Herbicide in tank mixtures, always refer to the tank mix partner's product label for any additional recropping restrictions.

**NOTE TO USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS (BELOW): The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than BASF Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, BASF Canada Inc. 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.

## Flax

Apply **ARMEZON** Herbicide as a post-emergent treatment to flax when weeds are actively growing. Apply to flax when the crop is 5 - 10 cm tall and broadleaf weeds are at the 1 to 6 leaf stage and grass weeds are at the 1 to 4 leaf stage.

Merge Adjuvant or Assist Oil Concentrate plus liquid fertilizer (UAN 28%) must be added to all applications of **ARMEZON** Herbicide. Uniformly apply with properly calibrated ground equipment using 100 - 200 L water per hectare.

ARMEZON Herbicide Rate	Weeds Controlled	Weeds Suppressed
37 mL/ha + Merge <sup>1</sup> <u>OR</u> Assist <sup>2</sup> + UAN <sup>3</sup>	Common ragweed Eastern black nightshade Kochia <sup>4</sup> Redroot pigweed Volunteer Canola <sup>5</sup> Wild mustard	Common lamb's quarters Velvetleaf Common chickweed Lady's thumb Green foxtail Yellow foxtail Large crabgrass Barnyard grass

<sup>1</sup> Use Merge Adjuvant at 0.5% v/v, i.e. 5 L per 1000 L spray solution.

<sup>2</sup> Use at 1.25% v/v, i.e. 12.5 litres per 1000 L spray solution.

<sup>3</sup> Use at 1.25% v/v, i.e. 12.5 litres per 1000 L spray solution.

<sup>4</sup> All types including glyphosate-resistant. Apply to kochia less than 10 cm.

<sup>5</sup> All types including glyphosate tolerant. Apply before volunteer canola exceeds the 6-leaf stage.

**DO NOT apply ARMEZON to flax in combination with any other pesticide or injury may result.**

Pre-harvest Interval: 45 days

## 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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MERGE is a registered trade-mark of BASF Canada Inc.

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