



## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

### **DO NOT APPLY USING AERIAL APPLICATION EQUIPMENT**

Potential skin sensitizer.

DO NOT enter or allow worker 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 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.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during applications within a closed cab. Rinse gloves before removal.

**At completion of spraying or end of the day:** Take a shower immediately. Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing at the end of the work session and store and wash separately from household laundry using detergents and hot water before reuse.

## **FIRST AID**

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

**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.

## **TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on the judgment of the physician in response to reactions of the patient.

## **AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

## **ENVIRONMENTAL PRECAUTIONS**

- TOXIC to aquatic organisms and 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.

## **STORAGE**

Store this product away from food or feed. Store in original containers in a secure, dry, well ventilated storage. Do not allow contamination of seeds, plants, fertilizers or other pesticides. Do not contaminate food, feedstuffs or domestic water supplies. If containers are damaged or spill occurs, use the product immediately or contain the spill with absorbent materials and dispose of waste.

## **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).

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.

## **GENERAL INFORMATION**

Cirpreme A is a selective postemergence herbicide for the control of hard-to-kill annual broadleaf weeds such as chickweed, cleavers, lamb's-quarters and wild buckwheat in spring wheat (including durum), winter wheat, and spring barley, not underseeded with legumes. Cirpreme A is mixed with water and applied as a uniform broadcast spray by ground application. It is non-corrosive, nonflammable, and nonvolatile.

Cirpreme A must be applied early postemergence, to the main flush of actively growing broadleaf weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of Cirpreme A by allowing maximum foliar uptake and activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and re-growth may occur. For best results, ensure thorough spray coverage of target weeds. See DIRECTIONS FOR USE section of this label for complete use details.

## **MODE OF ACTION**

Cirpreme A is a mixture of a systemic auxin-type herbicide (Group 4) and an ALS enzyme inhibitor-type herbicide (Group 2). The product controls weeds by disrupting normal plant growth patterns and/or by inhibiting production of the enzyme essential for production of certain amino acids essential for plant growth.

## **GENERAL USE PRECAUTIONS**

### **Sensitive Plants**

Do not apply Cirpreme A directly to, or otherwise permit it to come in direct contact with susceptible crops or desirable plants including alfalfa, edible beans, flax, flowers and ornamentals, lentils, lettuce, peas, potatoes, radishes, soybeans, sugar beets, sunflowers, tomatoes or tobacco.

### **Non-Target Sites**

Do not apply where proximity of susceptible crops (e.g. flax and legumes) or other desirable plants is likely to result in exposure to spray or spray drift. See ENVIRONMENTAL PRECAUTIONS section of this label.

### **Crop Rotation**

Fields previously treated with Cirpreme A can be seeded after a minimum of 10 months to alfalfa, spring wheat, spring barley, canola, corn, fababeans, flax, Juncea canola, field peas, potatoes (except seed potatoes), oriental, brown and yellow mustard, soybeans, oats, sunflower or dry bean (*Phaseolus vulgaris* species including pinto, kidney and white types). Lentils can be planted 22 months after application of Cirpreme A.

### **Tank Mixtures**

This product may be tank mixed with a fertilizer, a supplement, or 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 Corteva Agriscience Canada Company at 1-800-667-3852 or [www.corteva.ca](http://www.corteva.ca) for information before applying any tank mix that is not specifically recommended on this label.

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on all product labels.

### **Spray Equipment Precaution**

Do not apply through any type of irrigation system.

### **To Reduce Spray Drift**

1. Use nozzles delivering higher volumes and coarser droplets.
2. Use low pressures (200 to 275 kPa).
3. Use 100 L/ha of spray solution.
4. Spray when the wind velocity is 15 km/hr or less.
5. Spot treatments should only be applied with a calibrated boom to prevent over-application.

### **Sprayer clean-out**

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. First rinse:
  - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
  - Agitate and circulate for 15 minutes, and flush through booms and hoses.
  - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - Drain tank completely.
3. Second rinse:
  - Fill the tank with clean water.

- Add All Clear Spray Tank Decontaminator, as per manufacturer's recommendations while filling the tank with clean water.
  - Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
  - After flushing the boom and hoses, drain tank completely.
  - Remove nozzles and all main filter and nozzle screens and clean separately with a cleaning agent or an ammonia solution (100 mL in 10 L water).
4. Third rinse:
- Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
  - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - Drain tank completely.

#### **DIRECTIONS FOR USE**

READ THE ENTIRE LABEL BEFORE USE. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE. DO NOT APPLY TO CROPS UNDERSEEDED WITH LEGUMES.

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.

#### **APPLICATION METHODS**

##### **Ground Application**

Using ground equipment, apply Cirpreme A as a broadcast treatment at the recommended rate as specifically listed in the DIRECTIONS FOR USE section of this label.

##### **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) coarse classification. Boom height must be 60 cm or less above the crop or ground.

##### **Aerial application**

DO NOT apply using aerial application equipment.

#### **CIRPREME A HERBICIDE ALONE**

##### **Crops Registered**

Spring wheat (including durum), winter wheat and spring barley

##### **Field Sprayer Application Directions**

Apply the recommended rate of Cirpreme A per hectare in 50-100 L per hectare of water. Add Intake Adjuvant at 0.5–1% v/v (use the higher Intake rate for heavy weed infestations or on stressed weeds that are not actively growing at the time of application). Alternatively, add Non-Ionic Surfactant (NIS) at 0.25% v/v or Merge Adjuvant at 0.5% v/v or Turbocharge Adjuvant at 0.5% v/v. See weeds species controlled under "Weeds Controlled or Suppressed by Cirpreme A Alone." Apply to actively growing spring wheat

and spring barley from the 2 leaf stage to just prior to flag leaf emergence. In winter wheat apply from 3 leaf stage to just prior to flag leaf emergence. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

### Application Timing

Apply to actively growing weeds at the 1-8 leaf stage unless otherwise specified. Extreme growing conditions such as drought or near freezing temperature prior to, at or following time of application may reduce weed control and increase the risk of crop injury at all stages of growth. Only weeds which are emerged at the time of application will be affected. If foliage is wet at the time of application control may be decreased. Under conditions of low crop and high weed density, control may be reduced.

Applications of Cirpreme A are rainfast within 1 hour of application.

### Weeds Controlled or Suppressed by Cirpreme A Alone at 25 g/ha (1-8 leaf stage, unless otherwise specified)

#### Weeds Controlled:

alfalfa, volunteer (up to 25 cm in height)	henbit (up to bud stage and 15 cm in height)
American dragonhead (up to bud stage and 15 cm in height)	lamb's-quarters***. ****
barnyard grass (up to the 5 leaf, 2-tiller stage)	mustard, wild****
buckwheat, wild	narrow-leaved hawk's-beard (up to bolting & 30 cm in height)
canola, volunteer**	ragweed, common (up to 6-leaf stage) *****
chickweed***	redroot pigweed
cleavers (1-9 whorl stage)***	round-leaved mallow (up to the 6-leaf stage)
cow cockle	shepherd's-purse (up to bolting & 20 cm in height)
dandelion (seedlings & over-wintered rosettes up to 30 cm in diameter)	smartweed (green smartweed, lady's thumb)
flax, volunteer (up to 15 cm in height)	sow-thistle, annual (up to 4 leaf stage)
fleabane, Canada (up to 15 cm in height) *****	stinkweed*****
flixweed (up to 8 leaf & 8 cm in height)	stork's-bill (up to the 8-leaf stage)
	velvetleaf (up to the 5-leaf stage)

#### Weeds Suppressed:

hemp-nettle (1-8 leaf stage)***	sow-thistle, perennial (up to 6-leaf stage)
kochia*	thistle, Canada (up to the bolting stage, 30 cm in height)
night flowering catchfly (up to bolting stage, 15 cm in height)	white cockle (spring seedlings and over-wintered plants up to the bud stage)
scentless chamomile (up to the bud stage)	

\*Light to moderate infestation (up to 150 plants/m<sup>2</sup>; up to 15 cm in height), including Group 2 resistant biotypes

\*\*Will not control volunteer Imidazolinone-tolerant canola (Clearfield varieties)

\*\*\*Including Group 2 resistant biotypes

\*\*\*\*Best results are obtained when applied to actively growing weeds in the 1 to 4 leaf (seedling) stage

\*\*\*\*\*Including Group 2 and 9 resistant biotypes

### Mixing Instructions for Cirpreme A Alone

1. Fill sprayer tank 1/2 full of water.
2. Start sprayer tank agitation.
3. Add the required amount of Cirpreme A.
4. Fill the sprayer tank with sufficient water to spray 50-100 L of spray mixture per hectare.
5. Add one of the adjuvants recommended above in the Field Sprayer Application Directions section as the last ingredient.
6. Follow sprayer directions and precautions as outlined above, especially when applying next to sensitive crops (e.g. flax and legumes).
7. Follow sprayer clean-up directions.

### Preharvest/Grazing Intervals

- Livestock may be grazed on treated crops 7 days following application.
- Do not harvest the treated crop within 60 days after application.
- Do not cut the treated crop for hay or silage within 21 days after application.

### TANK MIXING CIRPREME A + OTHER TANK-MIX PARTNERS

#### MIXING INSTRUCTIONS FOR TANK MIXING CIRPREME A+ OTHER TANK-MIX PARTNERS

1. Begin to fill sprayer tank with clean water, and engage agitator. **Agitation must be continued throughout the entire mixing and spraying procedure.**
2. When the sprayer is three quarters full of water, add Cirpreme A and agitate for 2-3 minutes.
3. If including an annual grass control tank-mix partner add it next. Agitate for 2-3 minutes.
4. If including MCPA ester, Curtail™ M Herbicide, Lontrel™ Herbicide or Lontrel™ XC Herbicide add it next. Agitate for 2-3 minutes.
5. Add the Adjuvant indicated in the below tables for the annual grass control product.
6. Agitate for 1-2 minutes before adding remainder of water and then maintain constant agitation.
7. After any break in spraying operations, agitate thoroughly before spraying again.
8. **Use the spray suspension as soon as it is prepared.**

#### TANK-MIX COMBINATIONS –CIRPREME A HERBICIDE + MCPA ESTER HERBICIDE

##### Crops Registered

Spring wheat (including durum), winter wheat, spring barley

##### Application Directions

For control of a wide spectrum of broadleaf weeds apply Cirpreme A tank mixed with MCPA ester (600 g ae/L) in 50-100 L per hectare of water. Apply to actively growing spring wheat or spring barley from the 3 leaf stage to just prior to flag leaf emergence. In winter wheat apply from 3 leaf stage to just prior to flag leaf emergence. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

#### Weeds Controlled or Suppressed by Cirpreme A Herbicide at 25 g/ha + MCPA Ester (600 g ae/L) at 467 mL/ha (1-8 leaf stage, unless otherwise specified)

##### Weeds Controlled:

alfalfa, volunteer (up to 25 cm in height)	lamb's-quarters*
barnyard grass (up to the 5 leaf, 2-tiller stage)	mustard, wild***
buckwheat, wild	narrow-leaved hawk's-beard (up to bolting & 30 cm in height)
canola, volunteer**	ragweed, common (up to 6-leaf stage)****
chickweed*	redroot pigweed
cleavers (1-9 whorl stage)*	round-leaved mallow (up to the 6-leaf stage)
cow cockle	shepherd's-purse (up to bolting & 20 cm in height)
dandelion (seedlings & over-wintered rosettes up to 30 cm in diameter)	smartweed (green smartweed, lady's thumb)
flax, volunteer (up to 15 cm in height)	sow-thistle, annual (up to 4 leaf stage)
fleabane, Canada (up to 15 cm in height)****	stinkweed***
flixweed (up to 8 leaf & 8 cm in height)	stork's-bill (up to the 8-leaf stage)
hemp-nettle (1-8 leaf stage)*	velvetleaf (up to the 5-leaf stage)

##### Weeds Suppressed:

kochia*	thistle, Canada (up to the bolting stage, 30 cm in height)
night flowering catchfly (up to bolting stage, 15 cm in height)	white cockle (spring seedlings and over-wintered plants up to the bud stage)
scentless chamomile (up to bud stage)	
sow-thistle, perennial (up to 6-leaf stage)	

\*Including Group 2 resistant biotypes

\*\*Including volunteer Imidazolinone-tolerant canola (Clearfield varieties)

\*\*\*Best results are obtained when applied to actively growing weeds in the 1 to 4 leaf (seedling) stage

\*\*\*\*Including Group 2 and 9 resistant biotypes

**Weeds Controlled or Suppressed by Cirpreme A Herbicide at 25 g/ha + MCPA Ester (600 g ae/L) at 580 mL/ha (1-8 leaf stage, unless otherwise specified)**

Weeds Controlled:

alfalfa, volunteer (up to 25 cm in height)	mustard, ball***
barnyard grass (up to the 5 leaf, 2-tiller stage)	mustard, wild***
buckwheat, wild	narrow-leaved hawk's-beard (up to bolting & 30 cm in height)
burdock***	pigweed, redroot*
canola, volunteer*	pigweed, Russian***
chickweed*	prickly lettuce***
cleavers (1-9 whorl stage)*	ragweed, common (up to 6-leaf stage)****
cocklebur***	round-leaved mallow (up to the 6-leaf stage)
cow cockle	shepherd's-purse (up to bolting & 20 cm in height)
dandelion (seedlings & over-wintered rosettes up to 30 cm in diameter)	smartweed, annual (green smartweed, lady's thumb)
flax, volunteer (up to 15 cm in height)	sow-thistle, annual (up to 4 leaf stage)
fleabane, Canada (up to 15 cm in height)****	stinkweed***
flixweed (up to 8 leaf & 8 cm in height)	stork's-bill (up to the 8-leaf stage)
hemp-nettle*	sunflower, annual***
lamb's-quarters*	velvetleaf (up to the 5-leaf stage)
	vetch***
	wild radish***

Weeds Suppressed:

kochia**	sowthistle, perennial (up to 6-leaf stage)
night flowering catchfly (up to bolting stage, 15 cm in height)	thistle, Canada (up to the bolting stage, 30 cm in height)
scentless chamomile (up to bud stage)	white cockle (spring seedlings and over-wintered plants up to the bud stage)
plantain (top growth)***	

\*Including Group 2 resistant biotypes

\*\*light to moderate infestations (up to 150 plants/m<sup>2</sup>; up to 15 cm in height), including Group 2 resistant biotypes

\*\*\*Best results are obtained when applied to actively growing weeds in the 1 to 4 leaf (seedling) stage

\*\*\*\*Including Group 2 and 9 resistant biotypes

**Mixing Instructions**

See mixing Instructions for CIRPREME A HERBICIDE + MCPA ESTER HERBICIDE in section entitled MIXING INSTRUCTIONS FOR TANK MIXING CIRPREME A + OTHER TANK-MIX PARTNERS.

**TANK MIX COMBINATIONS - CIRPREME A HERBICIDE plus:**

**LONTREL 72 OR LONTREL 360 OR LONTREL XC HERBICIDE  
OR  
LONTREL 72 OR LONTREL 360 OR LONTREL XC HERBICIDE+ MCPA ESTER  
OR  
CURTAIL M**

**Crops Registered**

Spring wheat (including durum), winter wheat, spring barley



### Field Sprayer Application Directions

For control of a wide spectrum of broadleaf weeds apply Cirpreme A tank mixed with Lontrel 72 Herbicide, Lontrel 360 Herbicide or Lontrel XC Herbicide; Lontrel 72, Lontrel 360 or Lontrel XC plus MCPA ester, or Curtail M at the rates indicated in the table below in 100 L per hectare of water. Apply to actively growing spring wheat or spring barley from the 3 leaf stage to just prior to flag leaf emergence. In winter wheat apply from 3 leaf stage to just prior to flag leaf emergence. Apply when weeds are actively growing. Only weeds emerged at the time of treatment will be controlled. Best results are obtained from applications made to seedling weeds.

Refer to the product labels of the herbicide tank-mix partners listed below for a full list of other weeds controlled, rates (if not listed in the table below) and timings of application, water volumes and use precautions.

#### CIRPREME A HERBICIDE AT 25 g/ha PLUS:

Tank Mix Partner	Rate/ha	Additional Pests Controlled
Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide	104 g/ha or 208 mL/ha or 125 mL/ha	thistle, Canada (up to the bolting stage and 30 cm in height), scentless chamomile (spring seedlings up to bud stage and 15 cm in size)  <i>Note: An adjuvant is required with this tank-mix. Use Intake at 0.5-1% v/v, NIS at 0.25% v/v, or Merge at 0.5% v/v. When tank-mixing with a graminicide, see graminicide label for adjuvant requirements.</i>
Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600	104 g/ha or 208 mL/ha or 125 mL/ha + 467 mL/ha (equivalent to 280 g ae/ha)	thistle, Canada (up to the bolting stage and 30 cm in height) volunteer canola* hemp-nettle (1-8 leaf stage)*  <i>Plus all weeds listed earlier in the label as controlled or suppressed by Cirpreme A Herbicide at 25 g/ha plus MCPA Ester 600 at 467 mL/ha</i>
Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600	104 g/ha or 208 mL/ha or 125 mL/ha + 580 mL/ha (equivalent to 350 g ae/ha)	thistle, Canada (up to the bolting stage and 30 cm in height)  <i>Plus all weeds listed earlier in the label as controlled or suppressed by Cirpreme A Herbicide at 25 g/ha plus MCPA Ester 600 at 580 mL/ha</i>
Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide +	104 g/ha or 208 mL/ha or 125 mL/ha +	dandelion (seedlings, overwintered rosettes & mature plants) field horsetail (top growth) plantain (top growth) sowthistle, perennial (up to the bolting stage & 20 cm in height) sunflower, volunteer thistle, Canada (up to the bud stage)

<b>MCPA Ester 600</b>	700 mL/ha (equivalent to 420 g ae/ha)	<i>Plus all weeds listed earlier in the label as controlled or suppressed by Cirpreme A Herbicide at 25 g/ha plus MCPA Ester 600 at 580 mL/ha</i>
<b>Curtail™ M Herbicide</b>	1.5 L/ha	dandelion (seedlings, overwintered rosettes & mature plants) field horsetail (top growth) plantain (top growth) sowthistle, perennial (up to the bolting stage & 20 cm in height) sunflower, volunteer thistle, Canada (up to the bud stage)  <i>Plus all weeds listed earlier in the label as controlled or suppressed by Cirpreme A Herbicide at 25 g/ha plus MCPA Ester 600 at 580 mL/ha</i>

\*Including Group 2 resistant biotypes

### Mixing Instructions

See mixing Instructions for CIRPREME A HERBICIDE + CURTAIL M HERBICIDE OR LONTREL 72 + MCPA ESTER, LONTREL 360 + MCPA ESTER OR LONTREL XC HERBICIDE + MCPA ESTER in section entitled MIXING INSTRUCTIONS FOR TANK MIXING CIRPREME A + OTHER TANK-MIX PARTNERS.

### TANK-MIX COMBINATIONS – CIRPREME A HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL

For control of annual grasses (see table below) tank-mix Cirpreme A with the following graminicides. Refer to the above table for broadleaf weeds controlled or suppressed with Cirpreme A.

#### Tank-Mix Combinations with Cirpreme A Herbicide for Annual Grass Control

Tank-Mix Partner	Crops Registered	Rate/ha	Adjuvant and Rate	Additional Weeds Controlled or Suppressed**
<b>Simplicity GoDRI™*</b>	spring wheat, durum wheat winter wheat	70 g/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, hemp-nettle, flixweed (up to 10 cm in height), green foxtail**, downy brome**, white cockle**
<b>Simplicity™*</b>	spring wheat, durum wheat winter wheat	500 ml/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, flixweed, green foxtail**, downy brome**
<b>Tandem™ A* + Tandem™ B*</b>	spring wheat, durum wheat	375 mL/ha + 0.21 L/ha	Not required	wild oats (under low wild oat populations (<75 plants/m <sup>2</sup> ), plus additional broadleaf weeds (refer to Tandem Use Instructions)
		500 mL/ha + 0.31 L/ha	Not required	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail**, downy brome**
<b>Axial* Herbicide</b>	spring wheat, spring barley	1200 mL/ha	Not required	wild oats, green foxtail, yellow foxtail, barnyard grass, volunteer oats, volunteer canary seed, proso millet
<b>Everest 2.0*</b>	spring wheat, durum wheat	36-72 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats

<b>Everest 3.0* AG</b>	spring wheat, durum wheat	72-95 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats
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\*Consult tank-mix partner label for rate-specific claims.

### Mixing Instructions

See mixing Instructions for CIRPREME A HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL in section entitled MIXING INSTRUCTIONS FOR TANK MIXING CIRPREME A + OTHER TANK-MIX PARTNERS.

### TANK MIX COMBINATIONS - CIRPREME A HERBICIDE plus:

**MCPA ESTER HERBICIDE**

**OR**

**LONTREL 72 OR LONTREL 360 OR LONTREL XC HERBICIDE**

**OR**

**LONTREL 72 OR LONTREL 360 OR LONTREL XC HERBICIDE + MCPA ESTER 600 (467 and 580 mL/ha rates only)**

### + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL

For control of annual grasses (see table below) tank-mix Cirpreme A + MCPA Ester 600, Cirpreme A + Lontrel 72, Lontrel 360 or Lontrel XC Herbicide, or Cirpreme A + Lontrel 72, Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600 (467 and 580 mL/ha rates only) with the following graminicides. Refer to the above table for broadleaf weeds controlled or suppressed with Cirpreme A.

### Tank-Mix Combinations with Cirpreme A Herbicide+ MCPA Ester 600 Cirpreme A + Lontrel 72, Lontrel 360 or Lontrel XC Herbicide, or Cirpreme A + Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600 (467 and 580 mL/ha rates only) for Annual Grass Control

Tank-Mix Partner	Crops Registered	Rate/ha	Adjuvant and Rate	Additional Weeds Controlled or Suppressed**
<b>Simplicity GoDRI*</b>	spring wheat, durum wheat winter wheat	70 g/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, flixweed (up to 10 cm in height), green foxtail**, downy brome**, white cockle**
<b>Simplicity*</b>	spring wheat, durum wheat winter wheat	500 ml/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, hemp-nettle, flixweed, green foxtail**, downy brome**
<b>Tandem A* + Tandem B*</b>	spring wheat, durum wheat	375 mL/ha + 0.21 L/ha	Not required	wild oats (under low wild oat populations (<75 plants/m <sup>2</sup> ), plus additional broadleaf weeds (refer to Tandem Use Instructions)
		500 mL/ha + 0.31 L/ha	Not required	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail**, downy brome**
<b>Axial* Herbicide</b>	spring wheat, spring barley	1200 mL/ha	Not required	wild oats*, green foxtail*, yellow foxtail*, barnyard grass, volunteer oats, volunteer canary seed, proso millet
<b>Everest 2.0*</b>	spring wheat, durum wheat	36-72 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats

<b>Everest 3.0* AG</b>	spring wheat, durum wheat	72-95 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats
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\*Consult tank-mix partner label for rate-specific claims.

\* When applying Cirpreme A + Lontrel 72 or Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600, control of these weeds may be reduced under adverse conditions, high populations, and / or advanced staging.

### Mixing Instructions

See mixing Instructions for CIRPREME A HERBICIDE + MCPA ESTER HERBICIDE + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL in section entitled MIXING INSTRUCTIONS FOR TANK MIXING CIRPREME A + OTHER TANK-MIX PARTNERS.

### TANK MIX COMBINATIONS - CIRPREME A HERBICIDE plus:

#### CURTAIL M HERBICIDE

OR

**LONTREL 72 OR LONTREL 360 OR LONTREL XC HERBICIDE + MCPA ESTER 600 (700 mL/ha)**

#### + OTHER HERBICIDES FOR ANNUAL GRASS CONTROL

For control of annual grasses (see table below) tank-mix Cirpreme A + Curtail M or Cirpreme A + Lontrel 72, Lontrel 360 or Lontrel XC Herbicide + MCPA Ester 600 (700 mL/ha) with the following graminicides. Refer to the above table for broadleaf weeds controlled or suppressed with Cirpreme A.

#### Tank-Mix Combinations with Cirpreme A Herbicide + Curtail M for Annual Grass Control

Tank-Mix Partner	Crops Registered	Rate/ha	Adjuvant and Rate	Additional Weeds Controlled or Suppressed**
<b>Simplicity GoDRI*</b>	spring wheat, durum wheat winter wheat	70 g/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, flixweed (up to 10 cm in height), green foxtail**, downy brome**, white cockle**
<b>Simplicity*</b>	spring wheat, durum wheat winter wheat	500 mL/ha	Agral 90 at 0.25% v/v	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail**, downy brome**
<b>Tandem A* + Tandem B*</b>	spring wheat, durum wheat	375 mL/ha + 0.21 L/ha	Not required	wild oats (under low wild oat populations (<75 plants/m <sup>2</sup> ), plus additional broadleaf weeds (refer to Tandem Use Instructions)
		500 mL/ha + 0.31 L/ha	Not required	wild oats, barnyard grass, Japanese brome, yellow foxtail, green foxtail**, downy brome**
<b>Everest 2.0*</b>	spring wheat, durum wheat	36-72 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats,
<b>Everest 3.0* AG</b>	spring wheat, durum wheat	72-95 mL/ha	Ag-Surf or Agral 90 at 0.25% v/v	wild oats, green foxtail, volunteer tame oats

\*Consult tank-mix partner label for rate-specific claims.

### SPRAY BUFFER ZONES

Spot treatments using hand-held equipment do not require a spray buffer zone.

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).

**Cirpreme A Herbicide (Florasulam + Halauxifen-methyl)**

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	Spring wheat, durum wheat, winter wheat, spring barley	1	1	2

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 that are larger than 1 m 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, please note that Cirpreme A is both a Group 2 and a Group 4 herbicide. Any weed population may contain plants naturally resistant to Group 2 and/or Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. 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 Cirpreme A or other Group 2 and Group 4 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 Corteva Agriscience Canada Company at 1-800-667-3852.

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

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Specimen Label Notes

Address Update