

2019-07-09

2018-6781

[CONTAINER LABEL FOR BOTTLE]

GROUP **2** HERBICIDE

# EVEREST<sup>®</sup> 3.0 AG HERBICIDE

SUSPENSION CONCENTRATE HERBICIDE

AGRICULTURAL

FOR POSTEMERGENCE APPLICATION ON SPRING WHEAT (INCLUDING DURUM WHEAT) AND WINTER WHEAT FOR CONTROL OF WILD OAT, GREEN FOXTAIL, YELLOW FOXTAIL, BARNYARD GRASS, JAPANESE BROME, VOLUNTEER TAME OAT AND CERTAIN BROADLEAF WEEDS

FOR SALE AND USE IN MANITOBA, SASKATCHEWAN, ALBERTA AND INTERIOR OF BRITISH COLUMBIA (INCLUDING THE PEACE RIVER REGION OF BRITISH COLUMBIA) ONLY

**ACTIVE INGREDIENT:**

Flucarbazone (present as flucarbazone-sodium).....200g/L

REGISTRATION NUMBER 33258 PEST CONTROL PRODUCTS ACT

**DANGER- CORROSIVE TO EYES  
POTENTIAL SKIN SENSITIZER**

**READ THE LABEL AND BOOKLET BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**STORE IN A COOL, DRY PLACE**

**NET CONTENTS: 250 mL to 1000 L**

**For Product Use Information Call 1-866-761-9397**

**ARYSTA LIFESCIENCE NORTH AMERICA, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513**

**FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE  
CALL PROPHARMA: 1-866-303-6952 or +1-651-603-3432.**

**FOR 24-HOUR CHEMICAL EMERGENCY (Spills, leaks, fire, exposure, or accident)  
CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.**

xxxxxxV002

## **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.

## **PRECAUTIONS**

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

Potential skin sensitizer.

Corrosive to eyes. DO NOT get in eyes.

## **PROTECTIVE CLOTHING**

Wear a long-sleeved shirt, long pants, socks and shoes during mixing, loading, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) and chemical-resistant gloves during mixing and loading.

Read and follow handling precautions and protective clothing recommendations on broadleaf herbicide and surfactant tank-mix partner labels. Follow manufacturer's instructions for cleaning/maintaining PPE (Personal Protective Equipment). If no such instructions for washables, use detergent and hot water. Keep PPE apart from other laundry and wash separately.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF 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 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**

This product contains petroleum distillate- vomiting may cause aspiration pneumonia.

No specific antidote is available. Treat the patient symptomatically.

### **ENVIRONMENTAL HAZARDS**

- TOXIC to aquatic organisms / non-target terrestrial plants. Observe 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 strip between the treated area and the edge of the water body.

### **STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, or feed. Store in original container and out of reach of children, preferably in a locked storage area.

**SPILL CLEAN-UP:** Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills. Follow safety precautions as directed for handling the product. If the product is clean, it may be used; otherwise, follow the DISPOSAL instructions.

### **DISPOSAL/DECONTAMINATION:**

- Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
- Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
- Make the empty container unsuitable for further use.
- Dispose of the container in accordance with provincial requirements.
- 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.

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## **NOTICE TO USER**

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## **PRODUCT INFORMATION**

**EVEREST® 3.0 AG HERBICIDE** is a selective herbicide for post-emergence timings in spring wheat (hard red spring, Canada Prairie spring, soft white spring, and extra strong or utility), durum wheat, and winter wheat.

**EVEREST 3.0 AG HERBICIDE applied post-emergence must be tank-mixed with a surfactant listed on this label. For broader spectrum activity, EVEREST 3.0 AG HERBICIDE may be tank-mixed with a broadleaf herbicide listed on this label. See TANK-MIXES section for recommended products.**

**EVEREST 3.0 AG HERBICIDE** is absorbed by foliage and roots of grass and broadleaf weeds. These weeds cease growth soon after application, removing the competitive effects of susceptible weeds. However, complete weed control may not be seen for one to two weeks.

**EVEREST 3.0 AG HERBICIDE** will control wild oat biotypes which have developed resistance to ACCase (Group 1) and triallate (Group 8) herbicides. **EVEREST 3.0 AG HERBICIDE** will also control green foxtail biotypes resistant to ACCase (Group 1) and dinitroaniline (Group 3) herbicides.

## **DIRECTIONS FOR USE**

### **General Precautions**

Read the entire DIRECTIONS FOR USE before using **EVEREST 3.0 AG HERBICIDE**.

- Do not apply post-emergence treatments if it is raining or if rainfall is expected within one (1) hour after application.
- Do not apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), or estuarine/marine habitats.
- Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of waste.
- Do not mix, load or clean spray equipment within 10 metres of well-heads or aquatic systems, including marshes, ponds, ditches, streams, lakes, etc.
- Do not graze treated fields or use green crop for feed. Wheat grain or straw from harvested treated fields may be fed to livestock.
- Do not allow this chemical to drift on to other crops, especially canola, tame oat, or other non-target crops.
- Observe minimum interval to harvest of 80 days after treatment.
- Do not treat wheat underseeded to legumes.
- Do not freeze.

### **Ground Application**

- Apply alone or in tank-mixes in a spray volume of 50 – 100 L/ha (22.5 – 45 L/acre or 5 – 10 gallons/acre) at 207-345 kPa (30-50 PSI) pressure to ensure proper weed coverage.

- Flat fan nozzles of 80° or 110° are recommended for optimum coverage. Do not use floodjet nozzle or control droplet application equipment. Nozzles may be oriented 45° forward to enhance crop penetration and to give better weed coverage.
- Do not apply during periods of dead calm, when winds are gusty or when wind speed is greater than 15 km/hr at 2 metres high above ground at the site of application.
- 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**

- Apply alone or in tank-mixes (ONLY with the recommended tank-mix partners that are registered for aerial use) in no less than 28 L/ha spray volume at a pressure that delivers coarse spray droplets as classified by the ASAE.
- Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.
- Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.
- Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.
- To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

### **Aerial Use Precautions**

- Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial committee on Pest management and Pesticides.
- Do not apply to terrain where there is potential for surface run off to enter aquatic systems.
- Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specific buffer zones should be observed.
- Do not apply during periods of dead calm. Avoid application of this product when winds are gusty or when wind velocity and direction pose a risk of spray drift.
- Do not apply when wind speed is greater than 16 km/h at a flying height at the site of application.

### **Aerial Operator Precautions**

- Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.
- It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

- The pilot (aerial applicator) must wear long-sleeved shirt, long pants, socks and shoes.
- The field crew and the mixer/loaders must wear chemical-resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.
- All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

### Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-866-761-9397 or obtain technical advice from the distributor or your provincial agricultural representative.

### Buffer Zones

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, 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).

Buffer zones for the protection of terrestrial and aquatic habitats with spray application using coarse droplet size:

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:	
			Aquatic Habitat	Terrestrial Habitat
Field sprayer	Wheat		5	2
Aerial	Wheat	Fixed wing	100	65
		Rotary wing	85	55

The spray drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

Consult the label of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank-mixture. Apply using the coarsest spray (ASAE) category indicated on the labels for those tank-mix partners.

Field sprayer buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labeled buffer zone can be reduced by 70 %. When using a spray boom where individual nozzles are fitted with cone shaped shields that are no more than 30 cm above the crop canopy, the labeled buffer zone can be reduced by 30 %.

### **TIMING OF APPLICATION**

**EVEREST 3.0 AG HERBICIDE** can be applied post-emergence in all types of spring wheat (including durum wheat) and winter wheat.

Research has demonstrated that optimum wheat yield is obtained by early removal of target weeds prior to tillering of wheat. In post-emergence use, apply **EVEREST 3.0 AG HERBICIDE** to wheat that has a minimum of one leaf to a maximum of four leaves on the main stem, plus two tillers. Application beyond this stage may result in yield losses due to weed competition.

### **POSTEMERGENCE USE DIRECTIONS IN SPRING, DURUM, AND WINTER WHEAT**

Apply **EVEREST 3.0 AG HERBICIDE** plus a surfactant once per growing season when the majority of wheat has a minimum of one leaf to a maximum of four leaves on the main stem, plus two tillers. Use a registered non-ionic surfactant such as Agral 90, Ag-Surf, etc. at a rate of 0.25% v/v (0.25L per 100L total spray solution).

Do not apply more than 144 ml/ha of **EVEREST 3.0 AG HERBICIDE** (30 g ai/ha) per growing season.

### **RECOMMENDED APPLICATIONS**

<b>CROP APPLICATION TIMING</b>		
<b>CROP</b>	<b>GROWTH STAGE</b>	<b>REMARKS</b>
Spring Wheat Durum Wheat Winter Wheat	1 leaf to 6 total leaves	1 leaf to 4 leaves on main stem, plus 2 tillers.



<b>GRASS WEED CONTROL IN WHEAT</b>			
<b>CROP</b>	<b>WEEDS</b>	<b>RATE</b>	<b>REMARKS</b>
Spring Wheat Including: hard red spring, Canada Prairie spring, soft white spring and extra strong (utility) wheat Durum Wheat Winter Wheat	Green Foxtail (Wild millet)	72 ml/ha	Green foxtail should be no larger than 4-leaf, 2 tillers.
	Weeds controlled at 72 ml/ha plus Wild Oat Volunteer Tame Oat	95 ml/ha	Wild oat should be no larger than 4-leaf, 2 tillers. Use 95 ml/ha when wild oat infestations are below 100 plants/m <sup>2</sup> . Volunteer tame oat should be no larger than 4-leaf, 2 tillers.
	Weeds controlled at 95 ml/ha plus Wild Oat Japanese Brome Yellow Foxtail* Barnyard Grass*	119 ml/ha	Wild oat, yellow foxtail and barnyard grass should be no larger than 4-leaf, 2 tillers. Japanese brome should be no larger than 4-leaf. Use 119 ml/ha when wild oat infestations are greater than 100 plants/m <sup>2</sup> . Use 119 ml/ha when wild oat, yellow foxtail, barnyard grass and Japanese brome grasses are actively growing under ideal environmental conditions. For control of yellow foxtail and barnyard grass, see "Tank-mixes" section of the label under INFERNO® WDG HERBICIDE.
	Weeds controlled at 119 ml/ha plus Wild Oat Japanese Brome Yellow Foxtail* Barnyard Grass*	144 ml/ha	Wild oat, yellow foxtail and barnyard grass should be no larger than 4-leaf, 2 tillers. Japanese brome should be no larger than 4-leaf. Use 144 ml/ha when wild oat infestations are greater than 100 plants/m <sup>2</sup> . Use 144 ml/ha when wild oat, yellow foxtail, barnyard grass and Japanese brome grasses are not actively growing due to poor environmental conditions or when tank-mixing with a product that contains dicamba. For control of yellow foxtail and barnyard grass, see "Tank-mixes" section of the label under INFERNO WDG HERBICIDE.

\*Suppression. For control of yellow foxtail and barnyard grass, see "Tank-mixes" section of the label under Inferno WDG Herbicide.

BROADLEAF WEED CONTROL IN WHEAT		
WEED	RATE	REMARKS
Redroot Pigweed ( <i>Amaranthus retroflexus</i> )	95 ml/ha	For control of redroot pigweed, apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 6-leaf stage.
Wild Mustard ( <i>Brassica kaber</i> )		For control of wild mustard apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 6-leaf stage.
Stinkweed ( <i>Thlaspi arvense</i> )		For control of stinkweed apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 9-leaf stage.
Volunteer Canola ( <i>Brassica napus</i> )		For control of volunteer canola apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 6-leaf stage. Will not control imidazolinone-tolerant (CLEARFIELD®) canola varieties.
Green Smartweed ( <i>Polygonum scabrum</i> Moench.)		For control of green smartweed apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 6-leaf stage.
Shepherd's Purse ( <i>Capsella bursa-pastoris</i> )		For control of shepherd's purse, apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 2- to 6-leaf stage.
Wild Buckwheat ( <i>Fallopia convolvulus</i> )	119-144 ml/ha	For suppression of wild buckwheat, apply <b>EVEREST 3.0 AG HERBICIDE</b> to weeds at the 1- to 4-leaf stage. Apply at the highest rate when wild buckwheat is not actively growing due to poor environmental conditions.

Wheat exposed to water-logged or saturated soils, or temperature extremes such as heat or freezing weather, or drought, low fertility or plant disease at application time could show unacceptable injury symptoms. Weed control also may be reduced by these same conditions.

### TANK-MIXES

For broader spectrum control of both annual grasses and broadleaf weeds, **EVEREST 3.0 AG HERBICIDE** may be mixed with one of the broadleaf herbicides listed in the following tables. When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

Refer to previous tables for the appropriate rate and application timing for **EVEREST 3.0 AG HERBICIDE**. Use a registered non-ionic surfactant (0.25% v/v or 0.25 L/100L total spray solution) with **EVEREST 3.0 AG HERBICIDE** tank-mixes.

## APPROVED TANK-MIX PARTNERS IN SPRING WHEAT

BROADLEAF HERBICIDE TANK-MIX PARTNER		REMARKS
1	2,4-D Amine	Use up to 560 g ae/ha 2,4-D Amine Herbicide.
2	2,4-D Ester	Use up to 560 g ae/ha 2,4-D Ester Herbicide.
3	Ally® + 2,4-D Amine	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution). Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
4	Ally + 2,4-D Ester	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution). Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
5	Attain™ XC	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
6	Buctril® M / Logic® M	
7	Curtail® M	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
8	DyVeI®	Reduction in wild oat control may be observed with this tank-mix partner. Use 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> for control of wild oat. Do not use 95 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> with this tank-mix.
9	Enforcer™ M Herbicide	
10		
11		
12	Frontline™ 2,4-D XC	
13	Frontline	
14	Frontline XL	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).
15	INFERNO WDG HERBICIDE	For control of yellow foxtail and barnyard grass, tank-mix INFERNO WDG HERBICIDE with 95 - 119 mL/ha of <b>EVEREST 3.0 AG HERBICIDE</b> . Apply at the higher rate when yellow foxtail and barnyard grass are not actively growing due to poor environmental conditions.
16	MCPA Amine	Use up to 560 g ae/ha MCPA Amine Herbicide.
17	MCPA Ester	Use up to 560 g ae/ha MCPA Ester Herbicide.
18	OcTTain™ XL	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).

19	Optica™ Trio	Reduction in wild oat control may be observed with this tank-mix partner. For control of high wild oat populations, use 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> .
20	Paradigm™ Herbicide	
21	Paradigm Herbicide + MCPA Ester	
22	Paradigm Herbicide + Curtail M Herbicide	
23	Pardner® / Brotex® 240	
24	Prestige™ XC	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
25	Pixxaro™ A Herbicide	
26	Pixxaro A Herbicide + MCPA Ester	
27	Pixxaro A Herbicide + Curtail M Herbicide	
28	Refine® SG / DEPLOY® WDG + 2,4-D Amine	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution).
29	Refine SG / DEPLOY WDG + 2,4-D Ester	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution).
30	Refine SG / DEPLOY WDG	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution).
31	Spectrum™	
32	Stellar A™	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 95 or 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix.
33	Target®	Reduction in wild oat control may be observed with this tank-mix partner. Use 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> for control of wild oat. Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre) if 144 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> is used for this tank-mix. Do not use 95 ml/ha rate of <b>EVEREST 3.0 AG HERBICIDE</b> with this tank-mix.
34	Thumper® / Leader®	
35	Triton™ C	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution).
36	Trophy®	

APPROVED TANK-MIX HERBICIDE PARTNERS IN DURUM WHEAT		
BROADLEAF HERBICIDE TANK-MIX PARTNERS		REMARKS
1	2,4-D Amine	Use 420 g ae/ha 2,4-D Amine Herbicide. Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).
2	2,4-D Ester	Use 420 g ae/ha 2,4-D Ester Herbicide. Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).
3	Enforcer M Herbicide	
4	Frontline	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).
5	INFERNO WDG HERBICIDE	For control of yellow foxtail and barnyard grass, tank-mix INFERNO WDG HERBICIDE with 95 - 119 mL/ha of <b>EVEREST 3.0 AG HERBICIDE</b> . Apply at the higher rate when yellow foxtail and barnyard grass are not actively growing due to poor environmental conditions.
6	Paradigm Herbicide	
7	Paradigm Herbicide + MCPA Ester	
8	Paradigm Herbicide + Curtail M Herbicide	
9	Pixxaro A Herbicide	
10	Pixxaro A Herbicide + MCPA Ester	
11	Pixxaro A Herbicide + Curtail M Herbicide	
12	Spectrum	Apply tank-mix in at least 100 L of water per hectare (45 L/acre or 10 gallons/acre).

APPROVED TANK-MIX HERBICIDE PARTNERS IN WINTER WHEAT		
BROADLEAF HERBICIDE TANK-MIX PARTNERS		REMARKS
1	2,4-D Amine	Use up to 560 g ae/ha 2,4-D Amine Herbicide.
2	2,4-D Ester	Use up to 560 g ae/ha 2,4-D Ester Herbicide.
3	Buctril M / Logic M	
4	MCPA Amine	Use up to 560 g ae/ha MCPA Amine Herbicide.
5	MCPA Ester	Use up to 560 g ae/ha MCPA Ester Herbicide.
6	Refine SG / DEPLOY WDG	Addition of a second surfactant is not required. Use only one of the recommended surfactants from the <b>EVEREST 3.0 AG HERBICIDE</b> label at an application rate of 0.25% v/v (0.25 L per 100 L total spray solution).

## **MIXING INSTRUCTIONS**

Ensure the spray-tank is clean. In-line strainers and nozzle screens should be clean and 50-mesh or coarser.

1. Fill the spray-tank 1/3 to 1/2 full with clean water and begin agitation or bypass.
2. Add the appropriate **EVEREST 3.0 AG HERBICIDE** rate directly to the spray-tank. Vigorous agitation is required to dissolve the **EVEREST 3.0 AG HERBICIDE**. Maintain sufficient agitation during both mixing and application.
3. Add the broadleaf weed herbicide.
4. Add the surfactant, then complete filling tank with balance of water needed.

## **SPRAYING INSTRUCTIONS**

### **Ground Application**

Unless otherwise specified in the tank-mix partner section of this label, apply in a spray volume of 50 – 100 L/ha (22.5 – 45 L/acre or 5 – 10 gallons/acre) at 207-345 kPa (30-50 PSI) pressure to ensure proper weed coverage.

Flat fan nozzles of 80° or 110° are recommended for optimum coverage. Do not use floodjet nozzle or control droplet application equipment. Nozzles may be oriented 45° forward to enhance crop penetration and to give better weed coverage.

### **Aerial Application**

Unless otherwise specified in the tank-mix partner section of this label, apply in a spray volume no less than 28 L/ha (11 L/acre or 3 gallons/acre) at no less than 300 kPa pressure to ensure proper weed coverage.

Do not apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. To reduce drift caused by turbulent wingtip vortices, the nozzles distribution along the spray boom length **MUST NOT** exceed 65% of the wing or rotorspan.

## **SPRAYER CLEAN-UP**

1. Drain the tank and thoroughly rinse spray-tank, boom and hoses with clean water. Pay particular attention to flushing out any visible deposits.
2. Fill the tank with clean water and 1% v/v (1 L/100L) household ammonia. Flush the hoses, boom and nozzles with the cleaning solution. Circulate for at least 15 minutes. Flush hoses, boom and nozzles once more, then drain the tank;
3. Clean nozzles and screens in a separate container using the ammonia and water;
4. Repeat #2;
5. Rinse tank, boom and hoses with clean water.
  - Do not clean sprayer near desirable vegetation, wells, or other water sources;
  - Dispose of all rinsings in accordance with provincial regulations;
  - Check tank-mix partner label for any additional clean-up procedures.

## ROTATIONAL CROPS

The following crops may be planted 11 months after an application of **EVEREST 3.0 AG HERBICIDE**.

Soil Zones and Rotational Crops			
Gray-Wooded	Black	Dark Brown	Brown
Spring wheat Barley Canola Field pea*	Spring wheat Barley Canola Field pea* Field bean Flax Durum wheat Soybean Sunflower	Spring wheat Barley Canola Field pea* Flax Durum wheat Soybean Sunflower	Spring wheat
<p>*Field pea may be grown the year following <b>EVEREST 3.0 AG HERBICIDE</b> application providing the following are all met:</p> <ol style="list-style-type: none"> <li>1. Soil pH must be below 7.5,</li> <li>2. Organic matter must be above 4%, and</li> <li>3. Precipitation must be equal to or above 10-year average (minimum 100mm within 60 days of application in year of application).</li> </ol>			

Or, fields can be summerfallowed.

As **EVEREST 3.0 AG HERBICIDE** is degraded by soil microbes, environmental conditions that decrease microbial activity must be considered when making rotational cropping decisions. These environmental conditions include prolonged drought and/or cold temperatures within the following cropping season, as well as soils with both low OM (less than 2%) and high pH (greater than 7.5). If these conditions exist, a soil bioassay may be necessary to ensure rotational crop safety.

Do not plant crops other than those listed above in the year following application of **EVEREST 3.0 AG HERBICIDE** on wheat.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **EVEREST 3.0 AG HERBICIDE** is a Weed Science Society of America (WSSA) Group 2 Herbicide. Any weed population may contain or develop plants naturally resistant to **EVEREST 3.0 AG HERBICIDE** 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 **EVEREST 3.0 AG HERBICIDE** 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 seedling rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other chemical control 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 Arysta LifeScience North America, LLC at 1-866-761-9397.

## **PRECAUTIONS**

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

Potential skin sensitizer.

Corrosive to eyes. DO NOT get in eyes.

### **PROTECTIVE CLOTHING**

Wear a long-sleeved shirt, long pants, socks and shoes during mixing, loading, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) and chemical-resistant gloves during mixing and loading.

Read and follow handling precautions and protective clothing recommendations on broadleaf herbicide and surfactant tank-mix partner labels. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep PPE apart from other laundry and wash separately.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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



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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF 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 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**

This product contains petroleum distillate- vomiting may cause aspiration pneumonia. No specific antidote is available. Treat the patient symptomatically.

#### **ENVIRONMENTAL HAZARDS**

- TOXIC to aquatic organisms / non-target terrestrial plants. Observe 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 strip between the treated area and the edge of the water body.

#### **STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, or feed. Store in original container and out of reach of children, preferably in a locked storage area.

#### **SPILL CLEAN-UP:**

Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills. Follow safety precautions as directed for handling the product.

If the product is clean, it may be used; otherwise, follow the DISPOSAL instructions.

**DISPOSAL/DECONTAMINATION:**

- Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
- Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
- Make the empty container unsuitable for further use.
- Dispose of the container in accordance with provincial requirements.
- 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.

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