

2024-11-27  
2024-0141  
**\*Container Label\***

GROUP	2	HERBICIDE
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# RUMOUR® HERBICIDE

COMMERCIAL (AGRICULTURAL)

SOLUBLE GRANULE

FOR SALE FOR USE ON WHEAT (SPRING, WINTER AND DURUM) AND SPRING BARLEY

**ACTIVE INGREDIENT:** Thifensulfuron-methyl .....25%  
Tribenuron-methyl.....25%

**REGISTRATION NO.** 33574 PEST CONTROL PRODUCTS ACT

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING**

**Warning: Contains the allergen sulfites**

**POTENTIAL SKIN SENSITIZER**

**NET CONTENTS:** 200 grams – 25 Kg

**For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC 1-800-424-9300 / +1 703-527-3887**

**NewAgco, Inc.**  
320 - 22<sup>nd</sup> Street East Saskatoon,  
Saskatchewan, Canada, S7K 0H1  
1-844-269-3276

Distributed by:  
**AgraCity Crop & Nutrition Ltd.**  
320 - 22<sup>nd</sup> Street East Saskatoon, Saskatchewan,  
Canada, S7K 0H1  
1-844-269-3276

ACE®, ASTRAL™, DEUCE™, FOXXY®, HELLCAT®, HIMALAYA® and RUMOUR® are trademarks of AgraCity Crop & Nutrition Ltd. or its' affiliates.

**PRECAUTIONS:**

- POTENTIAL SKIN SENSITIZER
- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, COVERALLS, AND CHEMICAL RESISTANT GLOVES AND FOOTWEAR DURING MIXING, LOADING, APPLICATION CLEAN UP AND REPAIR. CHEMICAL RESISTANT GLOVES ARE NOT REQUIRED WHILE OPERATING GROUNDBOOM SPRAYERS.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.
- REMOVE CONTAMINATED CLOTHING IMMEDIATELY AFTER USE. STORE AND WASH CONTAMINATED CLOTHING SEPARATELY FROM HOUSEHOLD LAUNDRY BEFORE REUSE.
- DO NOT USE HUMAN FLAGGERS.
- DO NOT ENTER OR ALLOW WORKER RE-ENTRY FOR 12 HOURS AFTER APPLICATION.

**FIRST AID:****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 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 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 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 the product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**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 of this product 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:**

Store this product away from food or feed. Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

**DISPOSAL:****For Recyclable Container**

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 rinsing's to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

**If this is a refillable container:**

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.

**If this is a returnable container:**

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

**For all package types:**

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

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**\*Booklet Label\***

**GROUP**

**2**

**HERBICIDE**

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All other products mentioned are trademarks of their respective companies.

**PRECAUTIONS:**

- POTENTIAL SKIN SENSITIZER
- KEEP OUT OF REACH OF CHILDREN.
- AVOID BREATHING SPRAY MIST. USE WITH ADEQUATE VENTILATION.
- AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR GOGGLES OR FACE SHIELD, LONG-SLEEVED SHIRT, LONG PANTS, SOCKS, COVERALLS, AND CHEMICAL RESISTANT GLOVES AND FOOTWEAR DURING MIXING, LOADING, APPLICATION CLEAN UP AND REPAIR. CHEMICAL RESISTANT GLOVES ARE NOT REQUIRED WHILE OPERATING GROUNDBOOM SPRAYERS.
- DO NOT CONTAMINATE ANY BODY OF WATER.
- MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES EYE AND SKIN IRRITATION.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH SKIN THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.
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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 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 the product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**STORAGE:**

Store this product away from food or feed. Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

**DISPOSAL:****For Recyclable Container**

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.

2. Add the rinsing's to the spray mixture in the tank. Make the empty, rinsed container unsuitable for further use.

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**For all package types:**

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

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**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 of this product 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.

**PRODUCT DESCRIPTION:**

**RUMOUR HERBICIDE** is recommended for selective post-emergent control or suppression of broadleaf weeds in wheat (spring, winter and durum), and spring barley not underseeded to legumes or grasses, and in certain grasses for forage or seed production.

**RUMOUR HERBICIDE** is a 50% active ingredient herbicide formulated as a water soluble granule. It is non-corrosive, non-flammable, non-volatile and does not freeze.

**RUMOUR HERBICIDE** is to be mixed with water and a recommended adjuvant and applied as a uniform broadcast spray. Recommended adjuvants are: ASTRAL™ ADJUVANT, AGRAL® 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, AG-SURF®, CITOWETT® PLUS, LIBERATE® ADJUVANT, AG-SURF® II, HIACTIVATE™ NON-IONIC LIQUID SPREADER/ACTIVATOR, SUPER SPREADER ADJUVANT AND ENHANCE™. Apply early postemergence, to the main flush of actively growing broadleaf weeds.

Warm, moist growing conditions promote active weed growth and enhance the activity of **RUMOUR HERBICIDE** by allowing maximum foliar uptake and contact activity. Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur. For best results, ensure thorough spray coverage of target weeds. See "DIRECTIONS FOR USE" section of this label for complete use details.

**RUMOUR HERBICIDE** stops growth of susceptible weeds rapidly. However, typical symptoms (discolouration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending upon growing conditions and weed susceptibility. Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.

**IMPORTANT INFORMATION: READ BEFORE USING**

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, recreational grounds or similar areas.
- Carefully observe sprayer clean-up instructions, as spray tank residues may damage crops other than wheat and spring barley.
- 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.

**REPLANTING TO OTHER CROPS:**

**Minimum Crop Rotation Guidelines:**

Minimum Interval	Crop
2 months	Canola, Flax, Lentils, Alfalfa
Next crop year	All crops

**GRAZING/HARVEST RESTRICTIONS:**

Wheat or spring barley may not be grazed or fed to livestock within 7 days of application.

**VARIETY RESTRICTIONS:**

Limit use of **RUMOUR HERBICIDE** to currently licensed varieties of wheat (spring, durum and winter) and spring barley. Consult AgraCity Crop & Nutrition Ltd. prior to use on unlicensed varieties for crop tolerance information. DO NOT USE ON LEGER SPRING BARLEY OR BELVEDERE WHEAT VARIETIES.

**RAINFALL INFORMATION:**

Up to 25 mm of rain beginning 1 hour or more after spraying will not reduce the effectiveness of **RUMOUR HERBICIDE**.

**APPLICATION INFORMATION:**

**APPLICATION PRECAUTIONS:**

- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- Apply with a recommended adjuvant for use with **RUMOUR HERBICIDE**. Use only water as a carrier. Other carriers may accelerate breakdown of **RUMOUR HERBICIDE** and reduce its effectiveness.
- Do not apply to crops underseeded to legumes or grasses as injury to forage may result.
- Application to crops that are stressed by severe weather conditions, frost, low fertility, water logged soil (soil at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.
- Under certain conditions, such as heavy rainfall, prolonged cool weather, frost or wide fluctuations in day/night temperatures, temporary lightening in crop colour, and occasionally, a slight reduction in crop height may occur.
- Do not apply more than 30 grams/hectare of **RUMOUR HERBICIDE** per year.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

## **APPLICATION INSTRUCTIONS:**

### **GROUND APPLICATION:**

Apply the spray mixture uniformly with properly calibrated ground equipment. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh or larger filter screens (metal or nylon). A spray pressure of 210- 275 kPa is recommended. Avoid overlapping and shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

### **AERIAL APPLICATION:**

Apply only by fixed-wing or rotary aircraft equipment, which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

### **Use Precautions:**

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

### **Operator Precautions:**

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

### **Product Specific Precautions:**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer (AgraCity Crop & Nutrition Ltd.) at 1-844-269-3276 or obtain technical advice from the distributor or your provincial agricultural representative.

Application of this specific product must meet and/or conform to the following: Apply a minimum of 25 L of spray volume per hectare. Apply a maximum of 50 L of spray volume per hectare.

## **DIRECTIONS FOR USE:**

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

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



### **Spray Buffer zones:**

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage,
- soil drench or soil incorporation.

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, pastures, rangelands, riparian areas and shrub lands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop	Spray Buffer Zones (metres) Required for the Protection of:			
		Aquatic Habitats of Depths:		Terrestrial Habitats	
		Less than 1m	Greater than 1 m		
Field sprayer	Wheat (Spring, durum, and winter), spring barley	1	0	15	
Aerial		Fixed wing	1	0	125
		Rotary wing	1	0	100

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.

### **TANK MIXES**

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 AgraCity Crop & Nutrition Ltd. for information before applying any tank mix that is not specifically recommended on this label.

### **WHEAT (SPRING, WINTER AND DURUM) AND SPRING BARLEY**

Tank Mixture:	RUMOUR HERBICIDE	MCPA ESTER
Rate	30 g/ha	0.56 L/ha (MCPA Ester 500) OR 0.47 L/ha (MCPA Ester 600)
Crops	Spring wheat (including durum), winter wheat and spring barley	
Locations	No restrictions.	
Timing	Post-emergent application from full 3-leaf to just before flag leaf (shot blade) growth stage of crop.	

<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding MPCA Ester. Then add MPCA Ester while continuing agitation. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the MPCA Ester label for additional application instructions and use precautions.
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, as well as white cockle, dandelion (spring and fall rosettes, up to 15cm in diameter, and volunteer group 2 tolerant canola varieties (e.g. Clearfield® canola varieties). Apply when volunteer canola is in the 2-4 leaf stage.

### WHEAT (SPRING, WINTER AND DURUM) AND SPRING BARLEY

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>Adjuvants:</b>
		ASTRAL ADVJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, Citowett Plus, LIBERATE Adjuvant, Ag Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE
<b>Rate</b>	30 g/ha	2 litres/1000 litres spray solution
<b>Crops</b>	Spring wheat (including durum), winter wheat and spring barley	
<b>Locations</b>	No restrictions	
<b>Timing</b>	Post-emergent application from the 2-leaf stage to just before the flag leaf (shot blade) stage of wheat (including durum), winter wheat and barley, prior to head emergence, but before the crop canopy will prevent thorough coverage of target weeds. Do not apply after head has emerged. For best results, apply to young, actively growing weeds that are less than 10 cm in height or diameter. Thorough coverage of target weeds is essential.	
<b>MIXING:</b>	Mixing order is <b>RUMOUR HERBICIDE</b> , and then add adjuvant while maintaining agitation. Antifoaming agent may be required. Refer to MIXING DIRECTIONS section for general instructions.	
<b>Weeds controlled</b>	Annual smartweed (green smartweed, lady's thumb), Cow cockle, Hemp-nettle, Kochia <sup>3</sup> , Lamb's-quarters, Redroot Pigweed, Stinkweed, Volunteer Rapeseed <sup>1</sup> , Wild Buckwheat, Wild mustard	
<b>Weeds Supressed</b>	Canada thistle <sup>2</sup>	
<b>Notes:</b>	<ol style="list-style-type: none"> <li><b>RUMOUR HERBICIDE</b> alone will not control group 2 tolerant canola varieties (e.g. Clearfield varieties.)</li> <li>Apply when the majority of thistles have emerged and are actively growing. For best top growth control, apply before bud stage when thistles are no larger than 15 cm in height and before crop canopy prevents thorough coverage of weeds. A single application will effectively inhibit the ability of emerged thistles to compete with the crop. Later emerging thistles will not be controlled.</li> <li><b>RUMOUR HERBICIDE</b> alone will not control Group 2 resistant Kochia.</li> </ol>	

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>2,4-D Ester 700LV</b>	<b>Adjuvants:</b>
			ASTRAL ADJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, CITOWETT PLUS, LIBERATE Adjuvant, Ag-Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE.
<b>Rate</b>	30 g/ha	0.6 L/ha (or 420 g/ha acid equivalent)	2 litres/1000 litres spray solution
<b>Crops</b>	Spring wheat (including durum), winter wheat and spring barley		
<b>Locations</b>	No restrictions.		
<b>Timing</b>	Post-emergent application from full 3-leaf to just before flag leaf (shot blade) growth stage of crop.		
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding 2,4-D. Then add 2,4-D while continuing agitation, then adjuvant. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last. Consult the 2,4-D label for additional application instructions and use precautions.		
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, as well as weeds controlled by 2,4-D Ester.		

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>PERIMETER® II Herbicide</b>	<b>Adjuvants:</b>
			ASTRAL ADJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, CITOWETT PLUS, LIBERATE Adjuvant, Ag-Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE.
<b>Rate</b>	30 g/ha	0.155 L/ha for control of cleavers (1- 4 whorls) and kochia (including Group 2 resistant biotypes)	2 litres/1000 litres spray solution
<b>Crops</b>	Spring wheat (including durum), winter wheat and spring barley		
<b>Locations</b>	No restrictions.		
<b>Timing</b>	Post-emergent application from 2-leaf to initiation of stem elongation of spring wheat (including durum) and spring barley. Apply to winter wheat in the spring from the 3 tiller stage to just before the flag leaf stage		
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding PERIMETER II Herbicide. Then add PERIMETER II Herbicide while continuing agitation, then adjuvant. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last.		
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, as well as cleavers (1-6 whorl), kochia (including Group 2 resistant biotypes; seedling to 8-leaf stage).		

Tank Mixture:	RUMOUR HERBICIDE	PERIMETER II Herbicide	MCPA ESTER
Rate	30 g/ha	0.21 L/ha	0.56 L/ha (MCPA Ester 500) OR 0.47 L/ha (MCPA Ester 600)
Crops	winter wheat and spring barley		
Locations	No restriction		
Timing	Post-emergent application from 3-leaf to initiation of stem elongation of spring barley. Apply to winter wheat in the spring from the 3 tiller stage to just before the flag leaf stage.		
MIXING:	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding PERIMETER II Herbicide. Add PERIMETER II Herbicide while continuing agitation, and then add the MCPA Ester. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last.		
Weeds controlled	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, plus: Dandelion (spring and fall rosettes, up to 15 cm in diameter) Cleavers (1-6 whorl) Kochia (including Group 2 resistant biotypes; seedling to 8-leaf stage) Volunteer group 2 tolerant canola varieties (e.g. Clearfield canola varieties).. Apply when volunteer canola is in the 2-4 leaf stage.)		

#### WHEAT (SPRING, DURUM) AND SPRING BARLEY

Tank Mixture:	RUMOUR HERBICIDE	FOXXY® HERBICIDE or PERIMETER Herbicide	Adjuvants:
Rate	30 g/ha	0.3 L/ha for cleavers and kochia (including Group 2 resistant biotypes)	ASTRAL ADJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, CITOWETT PLUS, LIBERATE Adjuvant, Ag-Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE.
Crops	spring barley		
Locations	For use in the prairie provinces and Peace River Region of British Columbia only.		
Timing	Post-emergent application from 2-leaf to initiation of stem elongation of crop.		
MIXING:	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding FOXXY HERBICIDE or PERIMETER Herbicide. Then add FOXXY HERBICIDE or PERIMETER Herbicide while continuing agitation, then adjuvant. Refer to MIXING DIRECTIONS section for general directions. If antifoam agent is required, add last.		
Weeds controlled	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, as well as kochia (including Group 2 resistant biotypes; seedling to 8-leaf stage) cleavers (1-4 whorl) (controlled by FOXXY HERBICIDE or Perimeter alone)		

Tank Mixture:	RUMOUR HERBICIDE	HELLCAT® HERBICIDE	Adjuvants:
			No Adjuvant required
Rate	30 g/ha	385 ml/hectare for green foxtail only. 770 ml/hectare for wild oats, barnyard grass, green foxtail and yellow foxtail.	
Crops	Spring wheat (including durum) and spring barley		
Locations	For use in the prairie provinces and Peace River Region of British Columbia only.		
Timing	Post-emergent application from 2 to 6-leaf plus 3 tillers growth stage of spring and durum wheat; 2 to 5-leaf plus 2 tillers growth stage of spring barley. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of third tiller. For green foxtail control, apply at the 1-6 leaf (up to emergence of the 3 <sup>rd</sup> tiller) stage.		
MIXING:	Ensure that <b>RUMOUR HERBICIDE</b> is completely dissolved before adding HELLCAT HERBICIDE. Then add HELLCAT HERBICIDE. Refer to MIXING DIRECTIONS section for general directions.		
Weeds controlled	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, as well as wild oats, green foxtail, barnyard grass and yellow foxtail.		

Tank Mixture:	RUMOUR HERBICIDE	HELLCAT HERBICIDE	2,4-D Ester LV700	Adjuvants:
				No Adjuvant required
Rate	30 g/ha	385 ml/hectare for green foxtail only	0.6 L/ha (or 420 g/ha acid equivalent)	
Crops	Spring wheat (including durum) and spring barley			
Locations	For use in the prairie provinces and Peace River Region of British Columbia only.			
Timing	Apply this tank mix from the full 3-leaf stage to the 6-leaf + 3 tiller stage of wheat (including durum) and the full 3-leaf stage to the 5-leaf + 2 tiller stage of barley. For green foxtail control, apply at the 1-6 leaf (up to emergence of the 3 <sup>rd</sup> tiller) stage			
MIXING:	Ensure that <b>RUMOUR HERBICIDE</b> is completely dissolved before adding HELLCAT HERBICIDE. Then add HELLCAT HERBICIDE, and, with reduced agitation, add 2,4-D Ester. Refer to MIXING DIRECTIONS section for general directions.			
Weeds controlled	Broadleaf weeds controlled or suppressed by RUMOUR HERBICIDE alone, as well as wild oats, green foxtail, barnyard grass and yellow foxtail.			

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>Banvel® II Herbicide or Banvel Dry EG Herbicide</b>	<b>Adjuvants:</b>
			ASTRAL ADJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, CITOWETT PLUS, LIBERATE Adjuvant, Ag-Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE.
<b>Rate</b>	30 g/ha	110 – 145 mL/ha (Banvel II Herbicide) or 76 - 100 g/ha (Banvel Dry EG Herbicide)	2 litres/1000 litres spray solution
<b>Crops</b>	Spring wheat (including durum) and spring barley		
<b>Locations</b>	For use in the prairie provinces and Peace River Region of British Columbia only.		
<b>Timing</b>	Apply the tank mix from the 2-5 leaf stage wheat (including durum) and barley, and to kochia plants up to the 8-leaf stage. Expect superior results when kochia is small. Use the higher rate of Banvel II or Banvel Dry EG Herbicide when the majority of Kochia plants are at or near the 8-leaf stage, or when growing conditions are not favourable.		
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding Banvel II or Banvel Dry EG Herbicide. Refer to MIXING DIRECTIONS section for general directions.		
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> plus Group 2 resistance KOCHIA.		

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>Banvel II Herbicide or Banvel Dry EG Herbicide</b>	<b>2,4-D Ester LV700</b>	<b>Adjuvants:</b>
				ASTRAL ADJUVANT, AGRAL 90 NON-IONIC WETTING & SPREADING AGENT LIQUID, Ag-Surf, CITOWETT PLUS, LIBERATE Adjuvant, Ag-Surf II, HiActivate Non-ionic Liquid Spreader/Activator, Super Spreader Adjuvant or ENHANCE.
<b>Rate</b>	30 g/ha	110 – 145 mL/ha (Banvel II Herbicide) or 76 - 100 g/ha (Banvel Dry EG Herbicide)	0.6 L/ha (or 420 g/ha acid equivalent)	2 litres/1000 litres spray solution
<b>Crops</b>	Spring wheat (including durum) and spring barley			
<b>Locations</b>	For use in the prairie provinces and Peace River Region of British Columbia only.			
<b>Timing</b>	Apply the tank mix from the 3-5 leaf stage of wheat (including durum) and barley, and to kochia plants up to the 8-leaf stage. Expect superior results when kochia is small. Use the higher rate of Banvel II or Banvel Dry EG Herbicide when the majority of Kochia plants are at or near the 8-leaf stage, or when growing conditions are not favourable.			
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is dissolved before adding Banvel II or Banvel Dry EG Herbicide. Add 2,4-D Ester last. Refer to MIXING DIRECTIONS section for general directions.			
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> plus 2,4-D Ester, plus Group 2 resistance KOCHIA.			

## SPRING WHEAT (EXCLUDING DURUM) AND SPRING BARLEY

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>AXIAL® 100 EC Herbicide, ACE® HERBICIDE or ACE II HERBICIDE</b>	<b>ADIGOR® Adjuvant or DEUCE™ ADJUVANT or DEUCE II ADJUVANT</b>
<b>Rate</b>	30 g/ha	600 mL/hectare	700 mL/hectare
<b>Crops</b>	Spring wheat (excluding durum) and spring barley only		
<b>Locations</b>	For use in the prairie provinces and Peace River Region of British Columbia only		
<b>Timing</b>	Post-emergent application from 1 leaf to flag leaf. For annual grass weeds, apply from 1 to 6-leaf stage, up to emergence of 4 <sup>th</sup> tiller.		
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is completely dissolved. Then add Axial 100 EC Herbicide, ACE HERBICIDE or ACE II HERBICIDE with reduced agitation, and finally Adigor adjuvant, DEUCE ADJUVANT or DEUCE II ADJUVANT. DO NOT USE ADDITIONAL NON-IONIC SURFACTANT. Refer to MIXING DIRECTIONS section for general instructions.		
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> alone, plus wild oats, volunteer oats, green foxtail, yellow foxtail, volunteer canary seed and proso millet.		
<b>Notes:</b>	Do not harvest within 60 days for grain and straw and 30 days for hay. Do not graze treated crop for 7 days after application.		

## FOR WEED CONTROL IN SPRING WHEAT ONLY

<b>Tank Mixture:</b>	<b>RUMOUR HERBICIDE</b>	<b>HIMALAYA® HERBICIDE</b>	<b>2,4-D Ester LV700</b>	<b>Non-Ionic Surfactant</b>
<b>Rate</b>	30 g/ha	43 grams/Ha	0.6 L/ha (or 420 g/ha acid equivalent)	2.5 L/1000 L (0.25 % v/v)
<b>Crops</b>	Spring wheat only			
<b>Locations</b>	For use in the prairie provinces and Peace River Region of British Columbia only			
<b>Timing</b>	Apply to spring wheat in the 3 to 4 leaf stage, plus 2 tillers; to wild oats and green foxtail in the 1-6 leaf stage (1-4 leaves on main stem, plus 2 tillers).			
<b>MIXING:</b>	Ensure that <b>RUMOUR HERBICIDE</b> is completely dissolved. Add HIMALAYA HERBICIDE while continuing agitation until these products are completely mixed. Reduce agitation, and add 2,4-D, and then adjuvant. Refer to MIXING DIRECTIONS section for general instructions.			
<b>Weeds controlled</b>	Broadleaf weeds controlled or suppressed by <b>RUMOUR HERBICIDE</b> + 2,4-D, plus wild oats and green foxtail.			
<b>Notes:</b>	Observe minimum interval to harvest of 80 days after treatment. For black, dark brown and grey-wooded soil zones only, field peas may be grown the year following application in fields where precipitation has been normal or above normal (10 year average) during the growing season, and where organic matter content is above 4% and pH below 7.5. Re-crop spring wheat only in brown soil zone.			

### **MIXING INFORMATION: MIXING PRECAUTIONS:**

If the sprayer has been left standing for a period of time agitate thoroughly to re-suspend the tank mix partner before resuming spraying. Spray preparation should be used within 24 hours or product degradation may occur.

### **MIXING DIRECTIONS:**

Select a spray volume that will ensure thorough coverage and a uniform spray pattern. Use a minimum of 55 L of spray volume per hectare for ground application, and between 25 to 50 L of spray volume per hectare for aerial application. If tank mixing with other herbicides, always consult the label of the tank mix partner(s) for minimum spray volume requirements and apply the tank mixture using a water volume recommended for all products.

1. Always start with a clean and empty sprayer tank.
2. Fill the tank to 2/3 full of **clean** water.
3. With the agitator running, add the required amount of **RUMOUR HERBICIDE**. Continue to agitate for a minimum of 5 minutes to ensure that **RUMOUR HERBICIDE** is **completely** dissolved.
4. Make sure there are no un-dissolved granules, and then add the required amount of the tank mix partner. If the tank mix partner is an Emulsifiable Concentrate (EC), reduce agitation to avoid inducing an invert emulsion.
5. Add the rest of the water.
6. If required for the tank mixture, add the appropriate adjuvant. If an antifoam agent is required, add last.
7. Refer to the tank mix sections of this booklet for mixing order and other mixing instructions.
8. For repeat tank loads, reduce the material remaining in the tank to 10% of the original volume **or less** before proceeding with step 1, because remaining chemicals may prevent **RUMOUR HERBICIDE** granules from completely dissolving or dispersing. If this is not possible, pre-slurry **RUMOUR HERBICIDE** in a small amount (5-10 L) of water before adding to the tank.

### **SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS**

1. Ensure the chemical handler is clean (rinsed with ammonia).
2. For best results, add **RUMOUR HERBICIDE** to the top of the sprayer tank.
3. If a chemical handler is used, make sure that all of the granules of **RUMOUR HERBICIDE** are completely dissolved/dispersed and injected into the main tank with agitation before adding other chemicals.
4. Low water volumes in some chemical handlers can cause the water to become saturated with **RUMOUR HERBICIDE**, leaving un-dissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.
5. Always dissolve the **RUMOUR HERBICIDE** granules with agitation in the main tank before adding a tank mix partner.

NOTE: Follow the clean-out procedure recommended for sprayer tanks for the chemical handler.

### **EQUIPMENT CLEANING INFORMATION:**

#### **CLEANING PRECAUTIONS:**

CAUTION: Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour, which may cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.



### **CLEANING INSTRUCTIONS:**

To avoid subsequent injury to crops other than wheat or spring barley, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of **RUMOUR HERBICIDE** from mixing and spray equipment as follows:

1. Drain tank and flush tank, boom and hoses with clean water. If boom is equipped with multiple nozzle bodies, be sure to rotate through all nozzles to ensure clean water reaches all parts of these assemblies.
2. Visually inspect tank to ensure removal of all visible herbicide residues. If necessary, repeat Step 1.
3. Fill the tank with clean water, and then add 1 litre household AMMONIA (containing minimum of 3% ammonia) or equivalent amount of a sprayer tank cleaner containing ammonia, per 100 litres of water. Ammonia will not neutralize the herbicide, but helps dissolve dried-on herbicide deposits. If an emulsifiable concentrate has been tank mixed with **RUMOUR HERBICIDE**, use of a wetting agent in the cleaning process will assist in removing oily residue that may trap **RUMOUR HERBICIDE** on the tank and hoses.
4. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation.
5. Drain the tank.
6. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
7. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing water through the hoses and boom.

### **RESISTANCE-MANAGEMENT RECOMMENDATIONS:**

For resistance management, **RUMOUR HERBICIDE** is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **RUMOUR 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 **RUMOUR 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 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 AgraCity Crop & Nutrition Ltd. at 1-844-269-3276.

ACE<sup>®</sup>, ASTRAL<sup>™</sup>, DEUCE<sup>™</sup>, FOXXY<sup>®</sup>, HELLCAT<sup>®</sup>, HIMALAYA<sup>®</sup> and RUMOUR<sup>®</sup> are trademarks of AgraCity Crop & Nutrition Ltd. or its' affiliates.

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