

# MCPA ESTER 600 HERBICIDE

EMULSIFIABLE CONCENTRATE

COMMERCIAL (AGRICULTURAL)

**ACTIVE INGREDIENT:** MCPA, present as 2-ethylhexyl ESTER: 600 g ./L

**REGISTRATION NO:** 34156 PEST CONTROL PRODUCTS ACT

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



**WARNING POISON**

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

**NET CONTENTS:** 1 litre to bulk

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

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

## **PRECAUTIONS**

**KEEP OUT OF THE REACH OF CHILDREN.** Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings. Mixers, loaders and applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves. Refer to Booklet label for aerial personal protective equipment and precautionary information. Wear long-sleeved shirt and long pants during clean-up and repair. Wear suitable chemical resistant gloves and protective clothing while handling. Rinse gloves before removal. After use, wash hands and other exposed skin. Harmful or fatal if swallowed. Do not get in eyes, on skin or clothing. **AVOID INHALING VAPOURS OR MIST.** When handling, do not eat, drink or smoke. Take a shower daily, immediately after application. Wear freshly laundered clothing daily. Handle with care and mix only in a closed container. Use only in a well ventilated area. May cause damage to susceptible crops, ornamentals and other plants, in minute quantities. Avoid drift to desirable vegetation. Do not spray during periods of high wind. Coarse sprays are less likely to drift. Do not contaminate any body of water. Avoid contamination of foods. Do not re-use container unless otherwise specified. Clean spray equipment thoroughly after use. Do not enter treated areas within 12 hours after application.

**ENVIRONMENTAL PRECAUTIONS:** TOXIC to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. This product contains aromatic petroleum distillates, which are toxic to aquatic organisms. Refer to the attached booklet for complete environmental precautions.

## **FIRST AID:**

**IN CASE OF POISONING**, call a physician or contact poison control centre IMMEDIATELY.

**IF ON SKIN OR CLOTHING**, take off contaminated clothing. Rinse skin IMMEDIATELY with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**IF IN EYES**, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF SWALLOWED**, call a poison control centre or doctor immediately for treatment advice. 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 product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## **STORAGE:**

Store this product away from food or feed. Keep in original container during storage. May be stored at any temperature. **SHAKE WELL BEFORE USING.**

## **DISPOSAL INFORMATION for 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.

## **For Returnable Containers:**

Do not reuse this container for any purpose. For disposal, this container may be returned to the point of

purchase (distributor/dealer).

**For -Refillable Containers:**

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

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

**NOTICE TO USER:**

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

**GROUP**

**4**

**HERBICIDE**

# MCPA ESTER 600 HERBICIDE

EMULSIFIABLE CONCENTRATE

COMMERCIAL (AGRICULTURAL)

**ACTIVE INGREDIENT:** MCPA, present as 2-ethylhexyl ESTER: 600 g/L

**REGISTRATION NO:** 34156 PEST CONTROL PRODUCTS ACT

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



**WARNING POISON**

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

**NET CONTENTS:** 1 litre to bulk

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

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

## PRECAUTIONS

1. **KEEP OUT OF THE REACH OF CHILDREN.** Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.
2. Harmful or fatal if swallowed.
3. Mixers, loaders and applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves.
4. Wear long-sleeved shirt and long pants during clean-up and repair.
5. Do not get in eyes, on skin or clothing. Wear suitable chemical resistant gloves and protective clothing while handling. Rinse gloves before removal. After use, wash hands and other exposed skin. **AVOID INHALING VAPOURS OR MIST.**
6. When handling, do not eat, drink or smoke. Take a shower daily, immediately after application. Wear freshly laundered clothing daily.
7. Handle with care and mix only in a closed container. Use only in a well ventilated area.
8. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

## ENVIRONMENTAL PRECAUTIONS

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

This product contains aromatic petroleum distillates, which are toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.
- This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## FIRST AID

- 1 **FIRST AID: IN CASE OF POISONING**, call a physician or contact poison control centre IMMEDIATELY.
- 2 **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.
- 3 **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.
- 4 **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.
- 5 **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.
- 6 Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## TOXICOLOGICAL INFORMATION

High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness. No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## DISPOSAL INFORMATION

### For 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 emptied 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.

**For Returnable Containers:** Do not reuse this container for any purpose. For disposal, this container may be returned to the point of purchase (distributor/dealer).

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

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 cleanup of spills.

**DIRECTIONS FOR USE:**

**WHEAT, BARLEY, RYE**

**Treatment Stage:**

For ground or aerial application. Treat from the 3 leaf expanded to the early flag leaf or between the milk stage and full maturity stage of the crop.

**Recommended Rate Per Hectare**

Up to 1.05 L/ha

**OATS AND MIXED GRAIN**

**Treatment Stage:**

For ground or aerial application. Spray from 1 leaf expanded to the early flag leaf stage of the crop.

**Recommended Rate Per Hectare**

Up to 900 mL/ha

**FALL RYE, WINTER WHEAT**

**Treatment Stage:**

For ground application only. Spring application only between full tillering and the shot blade stage. Do not apply to seedling winter cereals in the fall or during and after the flag leaf stage.

**Recommended Rate Per Hectare**

Up to 1.05 L/ha

**FLAX (Excluding low-linolenic acid varieties)**

**Treatment Stage:**

For ground application ONLY. Spray after plant reaches 5 cm in height and before the bud stage. Caution: Early crop injury may be observed, but yield should not be affected.

**Recommended Rate Per Hectare**

Up to 700 mL/ha

Caution: Early crop injury may be observed, but yield should not be affected.

**Established Grasses and Forage Legumes (Alfalfa, Alsike and Red Clover)**

**Treatment Stage:**

For ground application only. Apply very early in the spring, before the growth of perennial forages has begun. In pure stands of grasses, applications may be made in the fall (for susceptible winter annual and perennial weeds).

**Recommended Rate Per Hectare**

Up to 1.65 L/ha

## **STUBBLE LAND, PASTURES (without legumes), ROADSIDES AND UNCROPPED LAND**

DO NOT APPLY BY AIR TO ROADSIDES AND UNCROPPED LAND.

Apply at the time of most rapid growth (usually May, June, and/or September). Spray thoroughly using 1.4 to 2.8 litres of product per hectare in 100 to 300 litres of water. Use the higher rate for perennial weeds. A second application may be required. Cultivating grain stubble and spraying after re-growth may aid in control. Do not apply on recently seeded grasses and pasture until the crop is established. Under good growing conditions and adequate moisture, weeds can be treated up to 2 weeks prior to normal frost time (see Section 6 for a more complete list of weeds controlled). For stubble land, do not apply more than twice per year, with a minimum retreatment interval of 21 days. For established pastures, do not apply more than twice per season, with a minimum retreatment interval of 90 days.

For spot treatment or broadcast treatment of roadsides:

- Applicators must wear a long-sleeved shirt, long pants and chemical-resistant gloves (except for aerial applicators during application).
- For spot treatment using high-pressure handwands, do not exceed 9 kg a.i. per day per individual applicator.
- For application using handheld equipment, use a maximum concentration of 0.01 kg a.e./L.
- For broadcast treatment, a maximum of 2 applications are permitted per season, with a minimum retreatment interval of 21 days.

### **Recommended Rate Per Hectare**

Up to 2.8 L/ha

### **WOODY GROWTH (non-grazing/ground application only):**

Apply at the time of rapid growth (usually May, June and/or September). Apply 1.8 to 2.8 litres of product per hectare in 100 or more litres of water per hectare. Use the lower rate for species that are more susceptible such as chokecherry, western snowberry and willow.

Spray brush species up to 3 metres tall after foliage is well developed. Applications soon after leaves are fully open usually give the best results. Apply sufficient spray volume to thoroughly wet all plant parts to the ground line. Brush or trees above 3 metres tall should be cut close to the ground and sprayed when re-growth is over 0.6 metres tall. With good growing conditions and adequate soil moisture, sprays may be applied up to 2 to 3 weeks before normal frost time.

To reduce potential drift hazards, a drift control agent may be added. Follow all directions on the drift control label for the correct mixing sequence.

For spot treatment or broadcast treatment of woody growth:

- For spot treatment using high-pressure handwands, do not exceed 9 kg a.i. per day per individual applicator.
- For application using handheld equipment, use a maximum concentration of 0.01 kg a.e./L.
- For broadcast treatment, a maximum of 2 applications are permitted per season, with a minimum retreatment interval of 21 days.

## **WEEDS CONTROLLED AND RATES OF APPLICATION**

### **Susceptible Weeds:**

Burdock (before the 4 leaf stage), Cocklebur, Common plantain, Common ragweed, False ragweed, Flixweed\*, Giant ragweed, Lamb's-quarters, Mustards (except Dog and Tansy mustard), Prickly lettuce, Russian pigweed\*\*, Shepherd's purse\*\*, Stinkweed, Vetch, Wild radish, Wild (annual) sunflower.

\*Flixweed susceptible only at seedling stage. Use higher rate for fall germinated seedlings.

\*\*Use higher rate only, on these species.

### **Rates to Use On Susceptible Weeds:**

Small seedlings, good growing conditions: 580 mL/ha

Weeds in bud, dry or cool weather or heavy infestations: 900 mL/ha

For best results apply at the 2 to 4 leaf stage of seedling weeds when weeds are actively growing. Weed resistance increases with age.

### **Harder-to-Control Weeds:**

Annual sow-thistle, Biennial wormwood, Blue lettuce\*, Bluebur, Canada thistle\*, Corn spurry\*, Curled dock, Dandelion, Dog mustard, Field bindweed\*, Field Horsetail\*, Field peppergrass, Goat's-beard, Gumweed, Hairy galinsoga, Hedge bindweed\*, Hemp-nettle (before 4 leaf stage), Hoary cress\*, Kochia, Lady's-thumb\*, Leafy

spurge\*, Oak-leaved goosefoot, Perennial sow-thistle\*, Purslane, Redroot pigweed, Russian knapweed\*, Russian thistle, Smartweed\*, Sweet clover (seedling), Tansy mustard, Tartary Buckwheat.

\*Top Growth Control Only

**Rates To Use on Harder-to-Control Weeds:**

Small Seedlings growing rapidly, good growing conditions: 1.05 L/ha

Weeds in bud, dry or cool weather, or heavy infestations: 1.50 L/ha

For best results apply at the 2 to 4 leaf stage of seedling weeds when weeds are actively growing. Weed resistance increases with age.

**Maximum Rates of Application (Do not exceed the rates given for each crop as identified below):**

**Cereals (including spring and winter wheat, barley, spring and fall rye):** 1.05 L/ha

**Oats:** 900mL/ha

**Flax:** 700mL/ha

**Established Grasses and Forage Legumes (Alfalfa, Alsike and Red Clover):** 1.65 L/ha

Use the dose recommended to control the weeds present. Rates applied above those recommended can result in significant crop injury and should only be used when injury can be tolerated, such as heavy infestations of harder-to-control weeds. Apply in warm weather when the weeds and crop are growing actively and the weeds are at a susceptible stage. Avoid application during drought or during exceptionally hot weather.

For cereals, oats, and flax, do not apply more than once per year. For established grasses and forage legumes, pastures, and rangeland, do not apply more than twice per year, with a minimum retreatment interval of 90 days.

**Grazing Intervals**

Do not permit lactating dairy animals to graze fields within 7 days after application.

Do not graze or harvest for forage / cut hay within 7 days after application.

Withdraw meat animals from treated fields at least 3 days before slaughter.

**TANK-MIXES WITH MCPA ESTER 600 Herbicide**

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 Viking Crop Production Partners Inc. at 1-587-743-1029 for information before applying any tank mix that is not specifically recommended on this label.

**MIXING AND APPLICATION**

- 1 Fill tank 1/2 full of water. Start agitation.
- 2 Add MCPA ESTER 600 Herbicide.
- 3 Complete filling of the tank.
- 4 Use 50-200 litres of water per hectare for ground application unless otherwise specified on tank-mix product labels. Higher water volumes can reduce the risk of crop injury, particularly on oats and flax.
- 5 Do not exceed 275 kpa of pressure for ground application.
- 6 TRANSFER SYSTEM: FOR CONTAINERS LARGER THAN 20 L: Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

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

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



**Field 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 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**

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

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

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.

Method of Application	Crop	Spray Buffer Zones (metres) Required for the Protection of:					
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m		
Field Sprayer*	Cereals, flax, established grasses and forage legumes, stubble land	1	1	1	1	4	
Aerial	Cereals	Fixed wing	1	0	1	0	60
		Rotary wing	1	0	1	0	50
	Pastures, stubble	Fixed wing	5	1	1	1	100
		Rotary wing	4	1	1	1	80

\*For field sprayer application, spray 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 labelled spray 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 labelled spray buffer zone can be reduced by 30%.

**Use Precautions for Aerial Application (to cereal crops, stubble land and pastures)**

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 pre-mixed 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.

Aerial applicators must wear long pants and a long-sleeved shirt. The field crew and the mixer/loaders must wear long pants, a long-sleeved shirt, chemical resistant gloves, coveralls, and goggles or face shield during mixing/loading, cleanup and repair. Aircraft must be closed cab. Mixer/loader and applicator must be different individuals. No human flaggers are permitted. 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.

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, MCPA ESTER 600 Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to MCPA ESTER 600 Herbicide and other Group 4 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 MCPA ESTER 600 Herbicide or other 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 resistant prone partner should control the target weed(s) as effectively as the more resistant 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 favor 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.

#### **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.