Sortan™ IS Herbicide

GROUP	2	HERBICIDE

WETTABLE GRANULE

REGISTRATION NUMBER. 32627 PEST CONTROL PRODUCTS ACT

FOR SALE FOR USE ON FIELD CORN

AGRICULTURAL

READ THE LABEL AND THIS BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT:Rimsulfuron 20%

Warning, contains the allergens milk and sulfites
Warning, contains phenol at maximum of 0.10 % w/w

Corteva Agriscience Canada Company
2450, 215 – 2nd Street S.W.
Calgary, Alberta
T2P 1M4
1-800-667-3852

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN.

Do not contaminate any body of water.
DO NOT APPLY BY AIR

- Wear chemical-resistant gloves, a long-sleeved shirt, long pants, plus socks and shoes during all activities. Wash the outside of the gloves before removing. Wash splashes from skin and eyes IMMEDIATELY with plenty of water. Gloves are not required during groundboom application. If ventilation is not adequate, wear an appropriate pesticide respirator.
- Avoid all drift or contact with other vegetation.
- After spraying, wash hands and shower thoroughly with soap and water.
- While using product, do not eat, drink or smoke. Wash hands and exposed skin with soap and water thoroughly before eating, drinking, smoking, applying cosmetics or using the toilet.
- Keep product away from food, drink and animal feed. Store product in original container, tightly closed and in a safe place. DO NOT use or store product near heat or open flame. DO NOT apply beyond the field boundary.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours after application.

IMPORTANT
Injury to or loss of desirable trees or vegetation may result from failure to observe the following: Do not apply or 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, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water. Keep from contact with fertilizers, insecticides, fungicides and seeds.

Sortan™ IS Herbicide must be applied with a recommended non-ionic surfactant, such as Citowett Plus, Agral 90 or Ag-Surf at 2 L per 1000 L spray solution (0.2% v/v) unless it is being tank-mixed with a glyphosate herbicide.

Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than corn.

FIRST AID
IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call poison control centre or doctor for treatment advice.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice

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

ENVIRONMENTAL PRECAUTIONS

- TOXIC to non-target terrestrial plants and aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.
- The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.
- 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.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

GENERAL INFORMATION

Sortan IS Herbicide is a wettable granule formulation to be mixed in water and applied either preemergence or postemergence to field corn in Canada for control of annual grasses, quackgrass, redroot pigweed, wild buckwheat, annual sowthistle, wild oats, volunteer wheat, volunteer soybeans (including glyphosate tolerant), volunteer canola and suppression of lamb's quarters. Sortan IS Herbicide is non-corrosive, non-flammable, non-volatile, and does not freeze.

DIRECTIONS FOR USE

- Make only one application per year to a maximum amount of 75 g/ha per season.
- Apply with ground equipment only.
- Do not re-enter treated fields until 12 hours after application.
- Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.
- DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- 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.

<u>Field sprayer application:</u>

- **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) medium classification.
- **DO NOT** apply by air.

BUFFER ZONES

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, 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	Buffer Zones (metres) Required for the Protection of:		
	Terrestrial Habitat	Aquatic habitats of water depths:	
		< 1 m	> 1 m
Field sprayer	5	1	1

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

NOTE: Applicators may recalculate a site-specific buffer zone by combining information on current weather conditions and spray configuration for the following applications: all airblast applications, and for field and aerial applications which specify the following droplet size category wording on the product label: 'DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification.' To access the Buffer Zone Calculator, please visit the Pest Management Regulatory Agency web site.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

- A rapid fluctuation in temperature (greater than 20°C difference within 24-36 hours) will stress the corn crop. For maximum crop safety, allow 24 hours for the corn to acclimatize before spraying Sortan IS Herbicide.
- For Sortan IS Herbicide used alone or in a tank mix, apply ONLY when the temperature in the 24 hours before AND after application ranges between 5°C and 30°C. Temperatures beyond this range increase the potential for crop injury.
- Ensure that the boom is set at the proper height in relation to the corn plants to apply Sortan IS Herbicide accurately and uniformly, and to AVOID excessive application into the corn whorl.
- WARNING: Crop injury may result if application is made to corn that has been stressed by abnormally hot, humid or cold weather conditions, frost, low fertility, drought, water saturated soil, compacted soil, previous pesticide applications, disease or insect damage. If corn has been injured by frost, wait 48-72 hours before applying Sortan IS Herbicide.
- When tank mixing Sortan IS Herbicide with a broadleaf herbicide, always read the broadleaf herbicide label before using and follow all precautions.
- Sortan IS Herbicide rapidly stops growth of susceptible species; typical symptoms usually appear within 5-7 days, but may not be noticeable for 2-3 weeks after application, depending on growing conditions and weed susceptibility.
- Warm, moist conditions following application promote the activity of Sortan IS Herbicide, while cool and/or dry conditions may reduce or delay activity. Weeds hardened off by cold weather or drought stress may not be controlled.

WESTERN CANADA

PRE-EMERGENT or POSTEMERGENT APPLICATION (up to the 5 leaf or 3 collar stage of corn crop)

CROP STAGING

Apply Sortan IS Herbicide as a broadcast spray:

Pre-emergent to corn crop at an application rate of 75 g/ha.
or
Postemergent up to 5 leaf stage of corn (or 3 visible collars) at an application rate of 37.5 – 75 g/ha

For improved control of emerged weeds, a tank-mix of Sortan IS herbicide with glyphosate herbicide at 900 g a.e./ha is recommended.

For optimum residual control, Sortan IS requires a rainfall within 3-5 days after application for activation. Activation of Sortan IS occurs when the top 5-10 cm of the soil profile is thoroughly moistened following a rainfall event making the herbicide readily available to control germinating annual weeds.

WEED STAGING

Pre-emergent to weeds, (before the weeds have emerged) with an application rate of 75 g/ha, Sortan IS Herbicide will provide residual control of the following:

75 grams/ha	**Timing of weeds**
Barnyard Grass	Preemergence
Green Foxtail	Preemergence
Yellow Foxtail†	Preemergence
Large (Hairy) Crabgrass†	Preemergence
Fall Panicum	Preemergence
Lady's Thumb†	Preemergence
Proso Millet	Preemergence
Shepherd's purse	Preemergence
Annual Sow Thistle†	Preemergence
Volunteer Canola (excluding Clearfield)*	Preemergence
Volunteer Wheat	Preemergence

*Note: Sortan IS Herbicide will not provide residual control of volunteer Clearfield Canola.

Post emergent to weeds, (once weeds have emerged), application of Sortan IS Herbicide at 37.5 to 75 grams/ha as a broadcast spray either alone or in a tank-mix with a glyphosate herbicide at 900 g a.e./ha that is registered for the same use (glyphosate tolerant corn only) will control the following weeds plus other weeds labelled for glyphosate herbicide at 900 g a.e./ha:

75 grams/ha	**LEAF STAGING AT APPLICATION**
Weeds controlled with lower rates, PLUS	
Barnyard Grass, Fall Panicum, Green Foxtail, Old Witchgrass, Yellow Foxtail†, Giant Foxtail, Large (Hairy) Crabgrass†	1-4 leaves (up to early tillering)
Quackgrass[1]	Apply to actively growing shoots in the 3 to 6 leaf (< 25 cm leaf extended) stage.
Shepherd's purse	Cotyledon – 4 leaves
Lamb's-quarters†	2-4 leaves (5-10 cm tall or across)
Wild buckwheat	Cotyledon - 4 leaves
Wild Oats† **	2 leaf to 1 tiller
Volunteer wheat	Up to 1 tiller
56.25 grams/ha ‡	
Wild buckwheat (when tankmixed with glyphosate)	Cotyledon – 4 leaves
Redroot pigweed (including triazine resistant)	Cotyledon – 4 leaves
37.5 grams/ha	
Volunteer canola	Cotyledon – 5 leaves
Wild buckwheat (when tankmixed with glyphosate)[2]	Cotyledon – 4 leaves
Redroot pigweed (including triazine-resistant)	2-4 leaves (5-10 cm tall or across)
Annual sowthistle**	3 leaf to 2 side shoots
Volunteer soybeans (including glyphosate tolerant) †	Up to 1st trifoliate

†Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.
** Control when tankmixed with Glyphosate
‡ For more consistent control under heavier weed populations.

GLYPHOSATE TOLERANT CORN
For post-emergent application, Sortan IS Herbicide is only recommended for use in a tank-mix with glyphosate herbicide (including diammonium, isopropylamine or potassium salt formulations**)** at 900 g a.e./ha in glyphosate tolerant corn.

CORN LEAF STAGING
(diagram of 5 leaf corn)

The coleoptile (short, blunt leaf) is counted as the first leaf. A corn leaf is counted as a full leaf when the next leaf is visible in the corn whorl.

EASTERN CANADA

PRE-EMERGENT or POSTEMERGENT APPLICATION (up to the 8 leaf or 6 collar stage of corn crop)

CROP STAGING
Apply Sortan IS Herbicide as a broadcast spray:

Pre-emergent to corn crop at an application rate of 75 g/ha.
or
Postemergent up to 8 leaf stage of corn (or 6 visible collars) at an application rate of 37.5 – 75 g/ha

For improved control of emerged weeds, a tank-mix of Sortan IS herbicide with glyphosate herbicide at 900 g a.e./ha is recommended.

For optimum residual control, Sortan IS requires a rainfall within 3-5 days after application for activation. Activation of Sortan IS occurs when the top 5-10 cm of the soil profile is thoroughly moistened following a rainfall event making the herbicide readily available to control germinating annual weeds.

WEED STAGING

Pre-emergent to weeds, (before the weeds have emerged) with an application rate of 75 g/ha, Sortan IS Herbicide will provide residual control of the following:

75 grams/ha	**Timing of weeds**
Barnyard Grass	Preemergence
Green Foxtail	Preemergence
Yellow Foxtail†	Preemergence
Large (Hairy) Crabgrass†	Preemergence
Fall Panicum	Preemergence
Lady’s Thumb†	Preemergence
Proso Millet	Preemergence
Shepherd’s purse	Preemergence

Annual Sow Thistle†	Preemergence
Volunteer Canola (excluding Clearfield)*	Preemergence
Volunteer Wheat	Preemergence

*Note: Sortan IS Herbicide will not provide residual control of volunteer Clearfield Canola.

Post emergent to weeds, (once weeds have emerged), application of Sortan IS Herbicide at 37.5 to 75 grams/ha as a broadcast spray either alone or in a tank-mix with glyphosate herbicide at 900 g a.e./ha that is registered for the same use (glyphosate tolerant corn only) will control the following weeds plus other weeds labelled for glyphosate herbicide at 900 g a.e./ha:

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Weeds controlled with lower rates, PLUS	
Barnyard Grass, Fall Panicum, Green Foxtail, Old Witchgrass, Yellow Foxtail†, Giant Foxtail, Large (Hairy) Crabgrass†	1-4 leaves (up to early tillering)
Quackgrass[1]	Apply to actively growing shoots in the 3 to 6 leaf (< 25 cm leaf extended) stage.
Shepherd's purse	Cotyledon – 4 leaves
Lamb's-quarters†	2-4 leaves (5-10 cm tall or across)
Wild buckwheat	Cotyledon - 4 leaves
Wild Oats† **	2 leaf to 1 tiller
Volunteer wheat	Up to 1 tiller
56.25 grams/ha ‡	
Wild buckwheat (when tankmixed with glyphosate) [2]	Cotyledon – 4 leaves
Redroot pigweed (including triazine resistant)	Cotyledon – 4 leaves
37.5 grams/ha	
Volunteer canola	Cotyledon – 5 leaves
Wild buckwheat (when tankmixed with glyphosate) [2]	Cotyledon – 4 leaves
Redroot pigweed (including triazine-resistant)	2-4 leaves (5-10 cm tall or across)
Annual sowthistle**	3 leaf to 2 side shoots
Volunteer soybeans (including glyphosate tolerant) †	Up to 1st trifoliate

†Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.
** Control when tankmixed with Glyphosate
‡ For more consistent control under heavier weed populations.

GLYPHOSATE TOLERANT CORN
For post-emergent application Sortan, IS Herbicide is only recommended for use in a tank mix with glyphosate herbicide (including diammonium, isopropylamine or potassium salt formulations**)** at 900 g a.e./ha in glyphosate tolerant corn.

CORN LEAF STAGING
(diagram of 8 leaf corn)

The coleoptile (short, blunt leaf) is counted as the first leaf. A corn leaf is counted as a full leaf when the next leaf is visible in the corn whorl.

SPECIFIC WEED CONTROL RECOMMENDATIONS

[1] Quackgrass - Apply Sortan IS Herbicide with a recommended non-ionic surfactant postemergence when the majority of the quackgrass shoots are actively growing and in the 3 to 6 leaf stage (< 25 cm - leaf extended). Application to quackgrass prior to the 3 to 6 leaf stage may result in reduced weed control since the majority of shoots may not have emerged.

[2] For enhanced control of **wild buckwheat**, apply Sortan IS Herbicide at 37.5 to 75 grams/ha tankmixed with glyphosate at 900 g a.e./ha. Apply to actively growing wild buckwheat in the cotyledon to 4 leaf stage

NOTE: Weeds are most sensitive when small and actively growing.

MIXING INSTRUCTIONS

1. Fill clean tank about 1/3 full with fresh water.
2. Turn on full agitation.
3. With the agitator running, add the required amount of Sortan IS Herbicide. Continue to agitate for a minimum of 5 minutes to ensure that Sortan IS Herbicide is **completely** dissolved.
4. Once granules are dissolved continue to fill the tank to 2/3 to 3/4 full, then add the required amount of the tank mix partner.
5. After Sortan IS Herbicide (and tank mixed herbicide if applicable) has been well mixed and is in suspension, add a recommended non-ionic surfactant at 2 L per 1000 L spray solution (0.2 % v/v).
6. Fill the remainder of the spray tank.
7. 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 Sortan IS Herbicide granules from completely dissolving. If this is not possible, pre-slurry Sortan IS Herbicide in a small amount (5-10 L) of water before adding to the tank.

Agitation is required for uniform mixing and application. The optimum water volume for Sortan IS Herbicide application is 140 - 190 litres of water per hectare (minimum of 100 litres of water per hectare). Use a spray pressure of 175 - 275 kPa. Flat fan nozzles are recommended. Use 50 mesh filter screens or larger. Use spray preparation of Sortan IS Herbicide within 24 hours or product degradation may occur resulting in a loss of weed control. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank.

NOTE: Sortan IS Herbicide will degrade in acidic or highly alkaline water. Mix no more than can be used in one day. If spraying is interrupted, thoroughly re-agitate the spray mixture before resuming spraying.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Corteva Agriscience Canada Company at 1-800-667-3852 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Corteva Agriscience Canada Company.

SPRAYER CLEANUP

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of Sortan IS Herbicide 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 Sortan IS Herbicide, use of a wetting agent in the cleaning process will assist in removing oily residue that may trap Sortan IS 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.
8. Prior to using the sprayer for the next application, flush the tank, boom, and hoses for 5 minutes with fresh water.

CAUTION: DO NOT mix 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.

USE OF INSECTICIDES

For maximum crop safety, Sortan IS Herbicide should be applied only to corn which has NOT been treated with a highly systemic organophosphorus soil insecticide, such as Lorsban.

DO NOT tank mix Sortan IS Herbicide with any organophosphorus insecticide. DO NOT apply a foliar organophosphorus insecticide within 7 days before or after applying Sortan IS Herbicide.

REPLANTING TO OTHER CROPS

Sortan IS Herbicide is degraded by natural soil processes, and field tests have shown that the following crops may safely be planted at the prescribed interval following corn that has been treated with Sortan IS Herbicide.

CROP	REPLANTING INTERVAL
Winter wheat	4 months
Spring wheat (including durum), Oats, Barley, Canola, Soybeans, Dry Beans, Chickpeas, Potatoes, Sunflowers, Corn (sweet or seed), Field Peas, Lentils, Flax, Faba Beans, Sorghum	10 months
Field corn	Anytime

For other crops, a field bioassay is recommended before planting. A successful field bioassay means growing to maturity a test strip of the crop(s) intended for production the following year.

FIELD BIOASSAY

Select a representative area or areas of the field previously treated with Sortan IS Herbicide to plant your bioassay crop(s). Be sure to consider factors such as size of field, soil texture, drainage and turn-around areas when selecting the site(s) that are most representative of the soil conditions in the field. On large fields, more than one site may be needed in order to obtain reliable results.

Plant the test strips perpendicular to the direction in which the field was sprayed. The strips should be long enough to cross the width of several spray swaths. Large test strip areas are more reliable than small ones.

Use standard tillage and seeding equipment to plant the bioassay. Prepare a seed bed and plant the crops and varieties you want the option of growing the following year. It is important to use the same planting time, conditions, techniques and cultural practices you normally use to plant and grow the bioassay crop(s). Also plant into an adjacent area not treated with Sortan IS Herbicide to use as a comparison.

As the crop(s) emerges and grows, examine these key points in Sortan IS Herbicide treated and non-treated areas:

crop stand	root development	rate of growth
plant colour and vigour	yield	

Allow the bioassay crop(s) to grow to maturity while making your observations. Do not overspray the test strips with herbicides that may damage the bioassay crop(s). If the bioassay indicates that Sortan IS Herbicide residues are still present, continue cropping only to those crops listed on the label and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally.

USE PRECAUTIONS

Do not apply Sortan IS Herbicide during periods of intense rainfall or to soils saturated with water. Do not apply directly to standing or running water. Do not apply in areas where surface water from the treatment site can run off to adjacent cropland, either planted or to be planted, or into streams, irrigation water or wells. Applications should only be made when there is no hazard of spray drift contaminating non-target land areas since very small quantities of the Sortan IS Herbicide spray solution may severely injure susceptible crops during both growing and dormant periods.

As with any herbicide, overlaps or starting, stopping, slowing and turning while spraying may result in crop injury.

Crop injury may result if application is made to corn that has been stressed by abnormally hot, humid or cold weather conditions, frost, low fertility, drought, water saturated soil, compacted soil, previous pesticide applications, disease or insect damage.

Under extreme weather conditions, such as hot, dry weather, excessive moisture, or frost, weed control may be reduced.

Rainfall within 2 to 4 hours after application of Sortan IS Herbicide may reduce weed control.

Because corn hybrids differ in their tolerance to herbicides, limit first use of Sortan IS Herbicide to a small area of each hybrid prior to adoption as a field practice.

Do not apply Sortan IS Herbicide within 30 days of corn harvest (silage, fodder or grain).
Do not graze of feed treated corn forage, silage, fodder or grain for at least 30 days after an application of Sortan IS Herbicide.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Sortan IS Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Sortan IS 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 Sortan IS 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 treated 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 your local Corteva Agriscience Canada Company representative or the Corteva Agriscience Canada Company hotline at 1-800-667-3852.

STORAGE

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. Keep product container away from moisture.

DISPOSAL

Disposal of 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 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 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. The user assumes the risk to persons or property that arises from any such use of this product.

100121

Label Code: CN-32627-006-E
Replaces: CN-32627-005-E

Specimen Label Notes
Update LE from Production Agriscience Canada Company to Corteva