

2023-11-27
2023-5772

GROUP 2 HERBICIDE

CANVISTA™ HERBICIDE

Solution

COMMERCIAL (AGRICULTURAL)

For sale for use in field peas, dry beans, imidazolinone-tolerant lentils and soybeans

ACTIVE INGREDIENTS:

Imazamox (present as ammonium salt)..... 80 g/L

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

CAUTION



POISON

EYE IRRITANT

**REGISTRATION NO. 35015
PEST CONTROL PRODUCTS ACT**

NET CONTENTS: 1 L - 10 L

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone: 1-877-964-3682

Label

1.0 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.

2.0 FIRST AID

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

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

3.0 TOXICOLOGICAL INFORMATION

Treat symptomatically.

4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. May irritate eyes.

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

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear goggles or face shield for mixing/loading, cleanup and repair activities. Gloves are not required during application within a closed cab.

6.0 ENVIRONMENTAL PRECAUTIONS

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

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

7.0 STORAGE

1. Store this product away from food or feed.
2. Store above 5° C in original, tightly closed container.
3. Do not ship or store near food, feed, seed and fertilizers.
4. Store in cool, dry, locked, well-ventilated area without floor drain.
5. Keep from freezing.

8.0 DISPOSAL

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.

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/ territorial requirements.

Returnable Containers

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

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.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

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Pamphlet

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CALL 1-800-327-8633 (FASTMED)***

9.0 PRODUCT INFORMATION

CANVISTA™ Herbicide is a selective herbicide that can be applied as an early postemergence treatment in field peas, soybeans, dry beans, and imidazolinone-tolerant lentils for broad-spectrum weed control.

Cool weather conditions or drought will delay herbicidal activity and if prolonged, may result in poor weed control. Use of CANVISTA Herbicide in hot, humid weather may result in temporary leaf yellowing, leaf flecking, bronzing or burning. The crop usually outgrows this condition within 10 days.

When weeds are stressed due to drought, flooding, hot or prolonged cool temperatures (15°C or less), control can be reduced or delayed since weeds are not actively growing. Weeds escapes or regrowth may occur under prolonged stress conditions or low fertility. Do not make applications to weeds stressed longer than 20 days due to lack of moisture, as unsatisfactory control can result.

10.0 DIRECTIONS FOR USE

10.1 Use Limitations

- DO NOT APPLY BY AIR. Apply using ground equipment only.
- DO NOT apply more than once per year.
- DO NOT apply to crops that have been subjected to stress from conditions such as hail damage, flooding, drought, hot, humid weather, widely fluctuating temperature conditions, prolonged cold weather or injury from prior herbicide applications, as crop injury may result.
- DO NOT apply when weather conditions may cause spray drift from treated areas to adjacent crops.
- 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.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

- 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 Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682 for information before applying any tank mix that is not specifically recommended on this label.

10.2 Ground Application

10.2.1 General Precautions

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.

10.2.2 Mixing Instructions

- Use 50-100 L/ha of water.
- Use a 50-mesh (or coarser) filter screen.
- Fill the spray tank three-quarters full with water.
- Add the required amount of CANVISTA Herbicide directly into the sprayer through the tank opening.
- Agitate until herbicide is thoroughly mixed.
- Continue agitation and add the required amount of the tank-mix partner.
- Continue agitation while adding the required amount of recommended Adjuvant.
- If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. Halt®).
- Complete filling the tank to the desired level with water.
- Upon completion of spraying, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.
- Repeat sprayer cleanout process using an appropriate spray system cleaner.

10.3 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.

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).

Method of Application	Crop	Spray Buffer zones (metres) Required for the Protection of Terrestrial Habitat:
Field sprayer	All crops	1

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.

10.4 Pre-Harvest, Grazing and Feeding Intervals

- Grazing/Feeding: Do not graze the treated crops; Field peas may be fed to livestock 30 days after application. Do not graze the treated imidazolinone-tolerant Lentils within 20 days of application.
- Pre-harvest Interval: Field peas can be harvested 60 days after treatment. Dry beans can be harvested 75 days after treatment. Soybeans can be harvested 85 days after treatment. Lentils can be harvested 60 days after treatment.

10.5 Rotational Crops

There is the possibility of residual soil activity for CANVISTA Herbicide the year following application. Initial crop injury to non-imidazolinone-tolerant canola may be observed. Avoid spray overlap as yield reduction may result.

Research studies have shown that the following crops may be safely planted the year following CANVISTA Herbicide application:

- Spring Barley
- Canary seed
- Imidazolinone-tolerant Canola
- Non imidazolinone-tolerant Canola
- Chickpea
- Field Corn
- Field Pea
- Flax
- Lentil
- Tame Oat
- Soybean
- Imidazolinone-tolerant Sunflower
- Spring Wheat (including Durum wheat)

WARNING: Certain environmental conditions may delay the breakdown of herbicide residues in soil. These conditions include but are not limited to drought, extremes in soil pH and excessive cold. Under these conditions, the level of phytotoxic herbicide residues present in the field the season following an application may result in an increased potential for injury to succeeding crops to occur. This potential for increased residues under these environmental conditions is not unique

to any specific herbicide or herbicide group but is a property of those herbicides which persist in the soil and are dependent on soil microbial activity and other non-microbial processes (e.g. hydrolysis) to breakdown. There are insufficient data for other follow crops. Conduct a field bioassay (a test strip grown to maturity) the year before growing any crop other than those listed above.

11.0 CROP USE DIRECTIONS

11.1 Weeds Controlled

11.1.1 CANVISTA Alone

CANVISTA + non-ionic or methylated seed oil adjuvants including a non-ionic surfactant (such as ADAMA Adjuvant 80), a methylated seed oil adjuvant (such as MSO Spray Adjuvant), Merge® Adjuvant or Hasten® NT Ultra used as directed will control:

WEEDS CONTROLLED	
GRASS WEEDS	RECOMMENDED STAGE
Barnyard grass	1-4 true leaf stage or early tillering
Green foxtail (including Group 1 resistant) ¹	
Persian Darnel	
Tame oat	
Volunteer barley	
Volunteer canaryseed	
Volunteer wheat (non imidazolinone-tolerant varieties)	
Wild oat (including Group 1 resistant) ¹	
Yellow foxtail	
BROADLEAF WEEDS	RECOMMENDED STAGE
Cow Cockle	Cotyledon to 4 leaf stage
Flixweed	
Green smartweed	
Lamb's quarters	
Redroot Pigweed	
Shepherd's Purse	
Stinkweed	
Stork's bill	
Volunteer Canola (non imidazolinone-tolerant varieties)	
Wild mustard	
WEEDS SUPPRESSED	
Cleavers	
Japanese brome	
Wild buckwheat	

¹ CANVISTA Herbicide will not control weed biotypes that are multiple-resistant to both Group 1 and Group 2 Herbicides

11.1.2 CANVISTA + Phantom 240 SL - Tank Mixture

CANVISTA + Phantom 240 SL + a non-ionic surfactant (such as ADAMA Adjuvant 80), a methylated seed oil adjuvant (such as MSO Spray Adjuvant), Merge Adjuvant or Hasten NT Ultra used as directed will control:

WEEDS CONTROLLED	RECOMMENDED STAGE
GRASS WEEDS	1-4 true leaf stage or early tillering
Green foxtail (including Group 1 resistant) ¹	
Tame oat	
Wild oat (including Group 1 resistant) ¹	
Yellow foxtail	
BROADLEAF WEEDS	Cotyledon to 4 leaf stage
Chickweed	
Green smartweed	
Lamb's quarters	
Redroot pigweed	
Stinkweed	
Wild mustard	
WEEDS SUPPRESSED	
Barnyard grass	
Volunteer barley	
Volunteer canola (non imidazolinone-tolerant)	
Wild buckwheat	

¹ CANVISTA Herbicide will not control weed biotypes that are multiple-resistant to both Group 1 and Group 2 Herbicides.

11.1.3 CANVISTA + Basagran Forte + UAN 28% - Tank Mixture

CANVISTA Herbicide tank-mixed with Basagran Forte and UAN 28% as directed will control:

WEEDS CONTROLLED	RECOMMENDED STAGE
GRASS WEEDS	1-4 true leaf stage or early tillering
Barnyard grass	
Green foxtail (including Group 1 resistant) ¹	
Persian darnel	
Tame oat	
Volunteer barley	
Volunteer canaryseed	
Volunteer wheat (non imidazolinone-tolerant varieties)	
Wild oat (including Group 1 resistant) ¹	
Yellow foxtail	
BROADLEAF WEEDS	Cotyledon to 4 leaf stage
Cow cockle	
Flixweed	
Green smartweed	
Lamb's quarters	
Redroot pigweed	
Prostrate pigweed	
Shepherd's purse	
Stinkweed	
Stork's bill	
Volunteer canola (non imidazolinone-tolerant varieties)	
Wild mustard	

WEEDS SUPPRESSED
Annual sow-thistle
Cleavers
Japanese brome
Wild buckwheat

¹ CANVISTA Herbicide will not control weed biotypes that are multiple-resistant to both Group 1 and Group 2 Herbicides

11.2 Crops

11.2.1 Soybeans Eastern and Western Canada

CANVISTA Herbicide is a selective herbicide that can be applied as an early post-emergent treatment in soybeans for control of grass and broadleaf weeds.

Timing	Early post-emergence
Rate	CANVISTA Herbicide at 250 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf and grass weeds as listed in the WEEDS CONTROLLED section of this label.
Pre-harvest Interval	85 days
Remark	Soybeans: Apply from Emergence to 3 expanded trifoliolate leaves after weeds have emerged. Weeds: Apply when broadleaf weeds are from the cotyledon to 4- leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering.
Timing	Early post-emergence
Rate	CANVISTA Herbicide at 187.5 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Volunteer Canola
Pre-harvest Interval	85 days
Remark	Soybeans: Apply from Emergence to 3 expanded trifoliolate leaves after weeds have emerged. Weeds: Apply when Volunteer canola is from the cotyledon to 4- leaf stage

11.2.2 Field Peas Eastern and Western Canada

CANVISTA Herbicide is a selective herbicide that can be applied as an early post-emergent treatment in field peas for control of broadleaf weeds.

Timing	Early post-emergence
Rate	CANVISTA Herbicide at 250 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf as listed in the WEEDS CONTROLLED section of this label
Pre-harvest Interval	60 days
Remark	Apply from the 1 - 6 true leaf stage of field peas after weeds have emerged. Weeds: Apply when broadleaf weeds are from the cotyledon to 4- leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering. For field peas, initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.
Timing	Early post-emergence
Rate	CANVISTA Herbicide at 187.5 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Volunteer Canola
Pre-harvest Interval	60 days
Remark	Field Peas: Apply from the 1 - 6 true leaf stage of field peas after weeds have emerged. Weeds: Apply when Volunteer canola is from the cotyledon to 4- leaf stage

11.2.3 Dry Beans Eastern and Western Canada

CANVISTA Herbicide is a selective herbicide that can be applied as an early post-emergent treatment in dry beans for control of grass and broadleaf weeds.

Timing	Early post-emergence
Rate	CANVISTA Herbicide at 250 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf and grass weeds as listed in the WEEDS CONTROLLED section of this label.
Pre-harvest Interval	75 days
Remark	<p>Dry Beans: Apply from Emergence to 3 expanded trifoliolate leaves after weeds have emerged.</p> <p>Weeds: Apply when broadleaf weeds are from the cotyledon to 4- leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering.</p> <p>For dry beans tolerance may vary between varieties. Test new varieties on a small area for tolerance before widespread use.</p>
Timing	Early post-emergence
Rate	CANVISTA Herbicide at 187.5 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Volunteer Canola
Pre-harvest Interval	75 days
Remark	<p>Dry Beans: Apply from Emergence to 3 expanded trifoliolate leaves after weeds have emerged.</p> <p>Weeds: Apply when Volunteer canola is from the cotyledon to 4- leaf stage</p>

Dry bean varieties may vary in their tolerance to herbicides, including to CANVISTA Herbicide.

Since not all dry bean varieties have been tested for tolerance to CANVISTA Herbicide, first use of this Herbicide should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry common beans to CANVISTA Herbicide.

11.2.4 Imidazolinone-Tolerant Lentils – Only for Use in the Prairie Provinces and Interior of British Columbia (including the Peace River Region) Only

CANVISTA Herbicide is a selective herbicide that can be applied as an early post-emergent treatment in imidazolinone-tolerant lentils for control of grass and broadleaf weeds.

Timing	1 – 9 node stage, post-emergence
Rate	CANVISTA Herbicide at 250 mL/ha + Merge Adjuvant at 0.5% v/v, ADAMA Adjuvant 80 at 0.25% v/v, NORAC MSO at 0.5% v/v, Hasten NT Ultra at 0.5% v/v or AGRAL® 90 at 0.25% v/v
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf and grass weeds as listed in the WEEDS CONTROLLED section of this label.
Pre-harvest Interval	60 days
Remark	Apply from the 1-9 node stage and after weeds have emerged. Weeds: Apply when broadleaf weeds are at the cotyledon to the 4-leaf stage. Grassy weeds can be treated up to tillering provided they are not beyond the 4 true leaf stage.

11.3 Tank Mixes

11.3.1 CANVISTA + Phantom 240 SL - Tank Mixture

Timing	Early post-emergence
Rate	CANVISTA Herbicide at 200 mL/ha + Phantom 240 SL at 65 mL/ha + a non-ionic surfactant (such as ADAMA Adjuvant 80) at 0.25% v/v, a methylated seed oil adjuvant (such as MSO Spray Adjuvant) at 0.5% v/v, Merge Adjuvant at 0.5% v/v or Hasten NT Ultra at 0.5% v/v
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf and grass weeds as listed in the WEEDS CONTROLLED section of this label.
Pre-harvest Interval	60 days for field peas; 75 days for dry beans; 85 days for soybeans
Remark	Field Peas: Apply from the 1 - 6 true leaf stage of field peas after weeds have emerged. Soybeans: Apply from Emergence to 3 expanded trifoliolate leaves after weeds have emerged. Dry Beans: Apply from Emergence to the second trifoliolate leaf after weeds have emerged. Imidazolinone-Tolerant Lentils ¹ : Apply from the 1 – 6 node stage after weeds have emerged. Weeds: Apply when broadleaf weeds are from the cotyledon to 4- leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering. For field peas, initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield. For dry beans tolerance may vary between varieties. Test new varieties on a small area for tolerance before widespread use.

1. For use in the Prairie Provinces and interior of British Columbia (including the Peace River region) only

11.3.2 CANVISTA + Basagran Forte + UAN 28%

Timing	Early post-emergence
Rate	CANVISTA Herbicide at 250 mL/ha + Basagran Forte at 1.25L/ha + UAN 28% at 2 L/ha
Water Volume	100 L/ha
Weeds Controlled	Provides control of broadleaf and grass weeds as listed in the WEEDS CONTROLLED section of this label.
Pre-harvest Interval	60 days for field peas; 75 days for dry beans; 85 days for soybeans
Remark	<p>Treated crops are not to be grazed or cut for hay.</p> <p>Field Peas: Apply from the 3 - 6 true leaf stage of field peas after weeds have emerged.</p> <p>Soybeans: Apply from unifoliate to 3 expanded trifoliate leaves after weeds have emerged.</p> <p>Dry Beans: Apply from first to the second trifoliate leaf after weeds have emerged.</p> <p>Weeds: Apply when broadleaf weeds are from the cotyledon to 4- leaf stage and when grassy weeds are at the 1 - 4 true leaf or early tillering.</p> <p>For field peas, initial transient crop yellowing may be observed after application, but this is outgrown and should not affect yield.</p> <p>For dry beans tolerance may vary between varieties. Test new varieties on a small area for tolerance before widespread use.</p>

12.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, CANVISTA Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to CANVISTA 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 CANVISTA 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 Syngenta Canada Inc. at 1-877-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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