

PMRA Approved Label
2023-6136
2025-07-16

REJUVRA™

Herbicide

GROUP	29	HERBICIDE
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SUSPENSION

Preemergent Herbicide for the Control of Annual Grasses and Broadleaf Weeds in
Crop Group 17: Grass Forage, Fodder and Hay which includes Rangeland and
Pasture

COMMERCIAL

ACTIVE INGREDIENT: Indaziflam 200 g/L

CONTAINS: 1,2-BENZISOTHIAZOLIN-3-ONE AT 0.04%, or
1,2-BENZISOTHIAZOLIN-3-ONE (PRESENT AS SODIUM SALTS) AT 0.04%, or
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AT 0.0022% and 2-METHYL-4-
ISOTHIAZOLIN-3-ONE AT 0.0007% AS A PRESERVATIVE

REGISTRATION NO. 35553 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN.

NET CONTENTS: 1L to Bulk

Product Information: 1-800-331-2867
www.ca.envu.com

2022 Environmental Science CA Inc. (Envu)
137 Glasgow Street, Suite 210
Kitchener, ON N2G 4X8

In case of spills, poisoning or fire, telephone emergency response number 1-800-424-
9300 (24 hours a day).

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

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair (unless otherwise specified below). Gloves are not required during application within a closed cab and/or cockpit.

DO NOT allow the pilot to mix chemicals to be loaded onto the aircraft. The pilot is allowed to load premixed chemicals with a closed system.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

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.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

Do not apply this product in a manner that will contact workers or other persons, either directly or through drift.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT apply in greenhouses or indoors.

DO NOT apply more than one application per season.

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

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 center 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 center 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 center or doctor for treatment advice.

TOXICOLOGICAL INFORMATION: No specific antidote is available. 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 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. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

STORAGE

- Store this product away from food or feed.
- CANNOT be stored below freezing.
- Keep in original container during storage.
- Store the tightly closed container away from feeds, seeds, fertilizers, plants and foodstuffs.
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- Do not use or store in or around the home.

DISPOSAL Recyclable Container

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 or territorial requirements.

Disposal of Unused, Unwanted Product: For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for cleanup of spills.

REJUVRA is a trademark of 2022 Environmental Science CA

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STORAGE

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DIRECTIONS FOR USE

PRODUCT INFORMATION

REJUVRA Herbicide is a pre-emergent herbicide for the control of annual grasses and broadleaf weeds in Crop Group 17: Grass Forage, Fodder and Hay which includes rangeland and pastures.

REJUVRA Herbicide controls weeds by reducing the emergence of seedlings through inhibition of cellulose biosynthesis (CB Inhibitor). Necrosis or yellowing may also be observed if the herbicide is applied to herbaceous tissue such as leaves and green stems of susceptible plants.

REJUVRA Herbicide may be applied using ground equipment or aerial application equipment for the control of annual grasses and broadleaf weeds in Crop Group 17: Grass Forage, Fodder and Hay which includes rangeland and pastures.

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.

Preharvest Interval (PHI): **DO NOT** harvest Crop Group 17 Grass hay within 40 days of application.

USE LOCATIONS

USE LOCATIONS	APPLICATION TIMINGS*	REMARKS
Crop Group 17: Grass Forage, Fodder and Hay which includes Rangeland and Pasture**	Pre-emergence (prior to fall germination) - May, June, July, August, September	<p>REJUVRA Herbicide provides pre-germination control of seedlings by disrupting and inhibiting normal root growth as the root tries to emerge from the seed. In general, REJUVRA Herbicide has no post-germination activity, meaning that it does not control plants after they have established their first root.</p> <ul style="list-style-type: none"> • For control of annuals, REJUVRA Herbicide must be applied before they germinate. If the plants have already germinated, control will not be seen until the following year. For example, Downy brome (<i>Bromus tectorum</i>) germinates in the fall when there is enough soil moisture and overwinters as seedlings. However, if there isn't enough fall moisture, downy brome can germinate in the spring when the soil temperature rises above freezing. • In order to provide pre-germination control of annuals, REJUVRA Herbicide must first be activated by rainfall. Therefore, REJUVRA Herbicide should be applied with an expectation of precipitation within two months after application. <p>To increase the chance of activating rainfall before annual grass germination, a minimum time of one month between application and first expected germination of annual grasses is recommended.</p>
	Late Preemergence to Early Postemergence - October, November	<ul style="list-style-type: none"> • Some annual grasses may escape a planned preemergence application. Annual grass germination timings are highly variable between years, and some individuals may germinate much earlier than others. However, because REJUVRA Herbicide can prevent germination of annual grasses for multiple years, the grasses that escape in the first year after treatment may be controlled the following year.
	Post-emergence (after fall germination) - December, January, February, March, April	<ul style="list-style-type: none"> • DO NOT apply to water saturated, frozen, or snow-covered ground.
<p>*Weed germination and application timing may vary depending on location, seasonal precipitation and elevation. Do not apply to frozen or snow-covered ground.</p> <p>**Actively growing perennial grasses may be impacted by indaziflam in the year of application.</p>		

APPLICATION INSTRUCTIONS AND USE LIMITATIONS

Rotational Crop Restrictions

Rotational Crops	Plant-Back Interval (months)
Cereal crops	22
Root crops	
Soybean*	

* Soybeans may be rotated after 22 months provided the forage and hay are not fed to livestock.

GENERAL APPLICATION INFORMATION

Apply and check periodically to be certain that the equipment is working properly prior to each use. Uniform application is essential for satisfactory weed control. Avoid overlap. Shut off spray booms while starting, turning, slowing or stopping to avoid off-target application. When spraying close or next to ponds, lakes, rivers, and streams be cognizant of keeping the spray solution from reaching the water. For all applications, follow these guidelines: use spray volumes of 94 Liters – 939 Liters per hectare, spray boom height and spray pressures as low as practical, use coarse droplet producing nozzle tips, use drift control additives and shielded sprayers where practical, and spray when wind speed is low. See below for more details. The use of a hand-held or backpack sprayer is allowed, especially when treating smaller areas. The water volume and use rates are the same on a given area as if treating with a much larger boom sprayer. When using a hand-held or backpack sprayer, do not exceed the use rate restrictions stated on this label.

Uniform, thorough spray coverage is important to achieve consistent weed control. The duration of residual control is dependent on soil type, rainfall / irrigation and temperature. Follow directions under “Directions for Use” section for the correct rate and timing of application.

DO NOT harvest Crop Group 17 Grass hay within 40 days of application. For all other uses, there are no grazing or haying restrictions for non-lactating or lactating animals (including cattle, horses, sheep, and goats) when using REJUVRA Herbicide alone as directed. When applying REJUVRA Herbicide in tank mixture, consult the label of the tank mix partner(s) for further information regarding grazing and haying restrictions and always observe the most restrictive interval and precautionary measures of the products involved in the tank mixture.

MIXING INSTRUCTIONS: Ensure that the application equipment has been thoroughly cleaned from previous use before using to apply REJUVRA Herbicide . Fill the spray tank with 1/2 of the required volume of water prior to the addition of REJUVRA Herbicide. Add the proper amount of REJUVRA Herbicide, and then add the rest of the water.

Maintain sufficient agitation to ensure an adequate spray mixture during application. If REJUVRA Herbicide is to be applied in a tank mixture with other pesticides, add the appropriate amounts of the tank mix partners in the following order:

(a) products in water-soluble packaging (WSP's), (b) wettable powder (WP's), (c) wettable granules (WG's) or other dry flowables, (d) fertilizers, (e) REJUVRA Herbicide, (f) other aqueous suspension products (SC's), (g) liquid flowables, (h) emulsifiable concentrates and other organic-solvent based formulations.

Continue to fill the tank with water to the desired volume while agitating. Maintain sufficient agitation during application to ensure a uniform spray mixture. Resuspending REJUVRA Herbicide in Spray Solution: Like other suspension concentrates (SC's), REJUVRA Herbicide will settle if left standing without agitation. Re-agitate the spray solution before application.

COMPATIBILITY TESTING WITH OTHER PESTICIDES: A compatibility test must be conducted with any potential tank mix partner with REJUVRA Herbicide. Using a clear container, conduct the test as described below: Fill the container three quarters full of water.

1. Add the appropriate amount of tank mix partner in the following order: (a) WP (b) dry flowable (c) REJUVRA Herbicide (d) aqueous suspensions, (e) flowables, (f) liquids and (g) solutions and emulsifiable or liquid concentrates. Shake or gently stir after each addition to mix thoroughly.
2. After adding all ingredients, let the mixture stand for 15 minutes and look for separation, large flakes, precipitates, gels, and heavy oily film or other signs of incompatibility.
3. If the compatibility test shows signs of incompatibility, do not tank mix the product tested with REJUVRA Herbicide.

GROUND APPLICATIONS:

REJUVRA Herbicide may be applied alone or in tank-mixtures, by ground equipment.

DO NOT apply REJUVRA Herbicide through any type of irrigation system.

Apply REJUVRA Herbicide as a broadcast spray in a minimum of 94 liters of water per hectare

For best results use flat fan nozzles or comparable nozzles to achieve uniform spray distribution. DO NOT apply with hollow cone nozzles or with other application equipment which does not provide uniform coverage.

Field sprayer application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) coarse classification. Boom height must be 60 cm or less above the crop or ground.

Keep the spray boom at the lowest possible spray height above the target surface. Maintain adequate agitation at all times, including momentary stops.

AERIAL APPLICATIONS:

REJUVRA Herbicide may be applied by either fixed wing aircraft or helicopter spray equipment. However, do not make applications by fixed wing aircraft unless appropriate spray buffer zones can be maintained to prevent spray drift out of the target area.

Conventionally piloted aircraft application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 10 km/h at flying height at the site of application. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (S572.1 to 572.3) 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.

Apply only by 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 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.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the registrant at 1-800-331-2867 or obtain technical advice from the distributor or your provincial or territorial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the specified rate in a minimum spray volume of 30 litres per hectare for conventionally piloted aircraft

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label.

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).

Method of application	Crop		Spray Buffer Zones (metres) Required for the Protection of:				Terrestrial Habitat:
			Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Crop Group 17: Grass Forage, Fodder and Hay which includes rangeland and pastures		1	1	0	0	5
Aerial	Crop Group 17: grass forage, fodder, hay, rangeland, pasture	Fixed wing	1	1	0	0	100
		Rotary wing	1	1	0	0	55

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 (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website.

WEEDS CONTROLLED BY REJUVRA HERBICIDE AND APPLICATION RATE

REJUVRA Herbicide provides pre-emergence residual control of susceptible grass and broadleaf weeds when applied preemergence in Crop Group 17: Grass Forage, Fodder and Hay which includes rangeland and pastures. A single application of REJUVRA Herbicide will control the following annual broadleaf and annual grassy weeds:

WEED SPECIES CONTROLLED

APPLICATION RATE for Ground or Aerial application	WEED SPECIES	
	BROADLEAF SPECIES	GRASS SPECIES

375 ml/ha	Bittercress, (including Hairy) Black Medic Carpetweed Chickweed, Mouse-ear Clover, White* Corn Speedwell Cudweed Curley Dock Dog Fennel Field Bindweed Fleabane, Hairy Groundsel, Common Hawksbeard, Smooth Henbit Kochia* Lambsquarters Little Mallow London Rocket* Morning Glory Mustard, Black Mustard, Wild Nightshade, American black Nightshade, Hairy Pigweed, Prostrate Pigweed, Redroot* Prostrate Knotweed Plantain, Buckthorn Prickly Lettuce* Purslane, Common Spurge, Spotted Shepherd's-purse Sowthistle, Annual St-John Wort Starthistle, Yellow Stork's Bill Sunflower, Common Sweetclover, White Vetch, Purple Woodsorrel, Yellow	Annual Bluegrass / 'Poa' Annual brome grasses including Downy Brome (Cheat, Cheatgrass, Ripgut Brome Barnyardgrass Bluestem Broomsedge Crabgrass (Large, Smooth and Hairy) Foxtail, Giant Foxtail, Green Foxtail, Yellow Goosegrass Italian Ryegrass Medusa Head Ryegrass, Annual Ryegrass, Perennial Sedge, (Globe)** Stinkgrass Tufted Lovegrass North Africa grass (<i>Ventenata dubia</i>) Volunteer Common Rye Wild Barley Wild Oats Wild Proso Millet Witchgrass
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* Weeds suppressed by REJUVRA Herbicide

** REJUVRA Herbicide only controls globe sedge emerging from seed.

REJUVRA Herbicide may be applied once per season.

TANK MIXTURES

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 2022 Environmental Science CA Inc. at 1-800-331-2867 or visit www.ca.envu.com for information before applying any tank mix that is not specifically recommended on this label.

2022 Environmental Science CA Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

For burndown of emerged weeds and residual control of species not listed for REJUVRA Herbicide alone, REJUVRA Herbicide may be applied in tank mixes with the following herbicides. Refer to labels of tank mix partner herbicides for specific weeds controlled by the products, use sites and for other application information.

REJUVRA Herbicide has minimal post emergence activity and generally does not control weeds that have emerged. A post emergence herbicide may be mixed with REJUVRA Herbicide to control existing weeds. REJUVRA Herbicide does not control weeds arising from perennial reproductive structures, such as tubers or rhizomes, or woody vegetation. For burndown control of emerged weeds and residual control of species not listed for REJUVRA Herbicide alone, REJUVRA Herbicide may be applied in tank mixes. Refer to the label(s) of tank mix partner herbicide(s) for specific weeds controlled by the products and for other application information. Any tank-mix partners can negatively impact desirable vegetation. Be sure to understand potential outcomes before use. For glyphosate, adjust the rate according to the label and to match local recommendations for efficacy and to minimize impacts on desirable vegetation. Drought years can increase the injury potential of glyphosate to desirable perennial species.

RECOMMENDED TANK MIXTURES ¹

PRODUCTS	PRODUCT RATES	WEEDS CONTROLLED	REMARKS
REJUVRA Herbicide +	375 mL/ha + 450 – 4320 g ae/ha	All weed species controlled by REJUVRA Herbicide alone plus burn down control of emerged weeds labeled	

Glyphosate ² + Non-Ionic Surfactant (NIS)	+ 0.25%v/v	under the glyphosate formulations. NIS is recommended if there is a heavy post emergent weed presence.	Consult the label of the tank mix partner(s) for further instructions regarding directions for use, precautions, restrictions, environmental precautions, use sites and spray buffer zones. In cases where these requirements differ between tank mix partner labels, the most restrictive label must be followed.
REJUVRA Herbicide + Milestone Herbicide + Glyphosate ²	375 mL/ha + 0.25 L – 0.5 L/ha + 450 – 4320 g ae/ha	All weed species controlled by REJUVRA Herbicide alone, plus weeds controlled by Milestone plus burndown control of emerged weeds labeled under the glyphosate formulations. This 3-way tank mixture also provides residual control of prickly lettuce.	
REJUVRA Herbicide + Milestone Herbicide	375 mL/ha + 0.25 L – 0.5 L/ha	All weed species controlled by REJUVRA Herbicide alone, plus weeds controlled by Milestone alone. This 2-way tank mixture also provides residual control of prickly lettuce.	

PRODUCTS	PRODUCT RATES	WEEDS CONTROLLED	REMARKS
REJUVRA Herbicide + Navius Flex or TruRange ³ + Glyphosate ² + Non-Ionic Surfactant (NIS) or Merge Adjuvant or Crop Oil Concentrate	375 mL/ha + 167 g/ha, or 334 g/ha, or 499 g/ha + 450 – 4320 g ae/ha + 0.25% v/v or 1.0% v/v or 1.0% v/v	All weed species controlled by REJUVRA Herbicide alone, plus weed and brush species controlled by Navius Flex Herbicide/ or TruRange ³ when applied at the respective rates plus burn down control of emerged weeds labeled under the glyphosate formulations.	Consult the label of the tank mix partner(s) for further instructions regarding directions for use, precautions, restrictions, environmental precautions, use sites and spray buffer zones. In cases where these requirements differ between tank mix partner

REJUVRA Herbicide	375 mL/ha	All weed species controlled by Herbicide alone, plus weed and brush species controlled by Navius Flex Herbicide/or TruRange ³ when applied at the respective rates.	labels, the most restrictive label must be followed.
+	+		
Navius Flex or TruRange ³	167 g/ha, or 334 g/ha, or 499 g/ha		
+	+		
Non-Ionic Surfactant (NIS)	0.25% v/v		
or Merge Adjuvant	1.0% v/v		
or Crop Oil Concentrate	1.0% v/v		

¹ Refer to the tank mix partner label for approved application methods (ground or aerial).

² Refer to the glyphosate product label to determine the appropriate rate, application method and approved use site.

³ TruRange is approved for use on rangeland and pastures.

SPRAYER CLEANUP

Before and after using REJUVRA Herbicide, thoroughly clean all mixing and spray equipment, including tanks, pumps, nozzles, lines, filters, screens, and nozzles with a good quality tank cleaner.

- Completely drain the spray and mixing tanks.
- Rinse the spray tank inside and outside and all lines and screens. A rotating cleaning nozzle may be beneficial to dislodge any product from the sides of the tank.
- Fill the tank with water and cleaner then circulate solution to ensure that the pumps, valves, and all lines are flushed.
- Remove and clean all filters, screens, and nozzles.
- Drain all cleaning solution and then rinse once more with clean water.
- Visually inspect the filters, screens, and tank walls to ensure no product remains.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, REJUVRA Herbicide is a Group 29 herbicide. Any weed population may contain or develop plants naturally resistant to REJUVRA Herbicide and other Group 29 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. 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:

1. Where possible, rotate the use of REJUVRA Herbicide or other Group 29

- herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
2. 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.
 3. 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.
 4. 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.
 5. Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
 6. 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.
 7. For further information or to report suspected resistance contact 2022 Environmental Science CA via internet at <https://www.ca.envu.com> or telephone at 1-888-283-6847.

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