2026-3252
2026-09-18

GROUP	22	HERBICIDE

ENRICH DIQUAT 240

HERBICIDE

Solution

COMMERCIAL (AGRICULTURAL)

For Potato Vine Killing, Desiccation of Pulse, Oilseed and Legume Forage Seed Crops, Weed Control in Vegetable and Field Crops, Control of Corn Spurry in Oats and Weed Control in Non-crop Land (rights-of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks).

ACTIVE INGREDIENT:
Diquat, present as dibromide……240 g/L

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

WARNING



POISON

EYE AND SKIN IRRITANT

REGISTRATION NO. : 3 6 1 1 5

PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L to 1000 L**

Enrich Agrochemical Company Limited
9015 Crois Rubens,
Brossard, QC, J4X 2H7, Canada
Phone: +1-514-578-1459

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.

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

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

If 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.

TOXICOLOGICAL INFORMATION

To be effective, treatment for ingestion of the product must begin IMMEDIATELY. If swallowed, give adsorbent suspension, for example either activated charcoal (100 g for adults or 2 g/kg body weight for children) or bentonite clay (100 to 150 g for adults or 2 g/kg body weight for children), mixed with a purgative (MgSO4, Na2SO4 or mannitol). Maintain and monitor electrolyte and fluid status daily. Consider haemodialysis or haemoperfusion using charcoal column.

If in eyes, treat symptomatically, using antibiotics and steroids as necessary. Symptoms may develop gradually. Severe damage may be caused by apparently trivial contact and healing may be delayed. Medical supervision should continue until complete healing has occurred.

The use of supplemental oxygen is contraindicated. Do not administer supplemental oxygen unless the patient develops severe hypoxemia.

PRECAUTIONS

EXCESSIVE EXPOSURE TO DIQUAT MAY CAUSE A HEALTH HAZARD. FOLLOWING THE DIRECTIONS AND PRECAUTIONS WILL REDUCE EXPOSURE.

May be fatal if swallowed.
Harmful if inhaled. Avoid inhaling/breathing dusts, sprays, etc.
May irritate eyes. Avoid contact with eyes.
May irritate the skin. Avoid contact with skin.

DO NOT eat, drink or smoke/vape while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum/tobacco, smoking/vaping, using the toilet or handling mobile devices. Aircraft cockpit and vehicle cabs MUST be decontaminated regularly.

DO NOT contaminate food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

Mixers and loaders supporting aerial applications MUST use closed systems. 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.

Apply only when the potential 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 enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours for all agricultural uses. For all other terrestrial uses, **DO NOT** enter or allow worker entry into treated areas during the REI of 12 hours.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Enrich Agrochemical Company Limited at 1-514-578-1459.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear, protective eyewear (goggles or face shield), and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH-approved canister approved for pesticides during mixing, loading, application, clean-up and repair. In addition, for handheld application, wear chemical-resistant headgear when applying above waist height, including overhead. Gloves and a respirator are not required during application within a closed cab and/or cockpit. A closed cab or cockpit provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab.

Most exposure to pesticides is by absorption through skin, especially from concentrated materials handled at the time of mixing and loading. Rolling down the sleeve end of the glove will prevent drips of liquid from running down the glove onto your arm.

If the product comes in contact with clothing/PPE, remove all contaminated clothing/PPE, wash the outside of gloves with soap and water before removing, wash contaminated skin with soap and water and then dress in clean clothing. Launder contaminated clothing/PPE regularly and separately from other laundry. Follow manufacturer's instructions for cleaning/maintaining PPE.

If no such instructions, for washables exist, use detergent and hot water. Store and wash PPE separately from other laundry. Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. DO NOT reuse them.

ENVIRONMENTAL PRECAUTIONS

ANY SPRAY DRIFT OF THIS PRODUCT OUTSIDE THE IMMEDIATE FIELD AREA MAY RESULT IN DAMAGE TO CROPS, SHELTERBELTS, ORNAMENTAL PLANTS, LAWNS, GRAZING AREAS, WILDLIFE COVER, WETLANDS, AND OTHER DESIRABLE GROWTH.

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 in original container, tightly closed, in a safe place away from children. Store this product away from food or feed.

Store above 0°C. If crystallization occurs because of storage below this temperature, allow to warm to room temperature and agitate gently until reconstituted.

DISPOSAL

RECYCLABLE CONTAINERS

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.

REFILLABLE CONTAINERS (CONTAINERS THAT CAN BE REFILLED FOR THE USER BY THE DISTRIBUTOR/DEALER):

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

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.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING, CALL 1-613-966-6666

GROUP	22	HERBICIDE

ENRICH DIQUAT 240

HERBICIDE

Solution

COMMERCIAL (AGRICULTURAL)

For Potato Vine Killing, Desiccation of Pulse, Oilseed and Legume Forage Seed Crops, Weed Control in Vegetable and Field Crops, Control of Corn Spurry in Oats and Weed Control in Non-crop Land (rights- of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks).

ACTIVE INGREDIENT:
Diquat, present as dibromide…….240 g/L

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

WARNING



POISON

EYE AND SKIN IRRITANT

REGISTRATION NO.: 36115
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L to 1000 L

Enrich Agrochemical Company Limited
9015 Crois Rubens,
Brossard, QC, J4X 2H7, Canada
Phone: +1-514-578-1459

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.

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

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

If 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.

TOXICOLOGICAL INFORMATION

To be effective, treatment for ingestion of the product must begin IMMEDIATELY. If swallowed, give adsorbent suspension, for example either activated charcoal (100 g for adults or 2 g/kg body weight for children) or bentonite clay (100 to 150 g for adults or 2 g/kg body weight for children), mixed with a purgative (MgSO4, Na2SO4 or mannitol). Maintain and monitor electrolyte and fluid status daily. Consider haemodialysis or haemoperfusion using charcoal column.

If in eyes, treat symptomatically, using antibiotics and steroids as necessary. Symptoms may develop gradually. Severe damage may be caused by apparently trivial contact and healing may be delayed. Medical supervision should continue until complete healing has occurred.

The use of supplemental oxygen is contraindicated. Do not administer supplemental oxygen unless the patient develops severe hypoxemia.

PRECAUTIONS

EXCESSIVE EXPOSURE TO DIQUAT MAY CAUSE A HEALTH HAZARD. FOLLOWING THE DIRECTIONS AND PRECAUTIONS WILL REDUCE EXPOSURE.
May be fatal if swallowed.
Harmful if inhaled. Avoid inhaling/breathing dusts, sprays, etc.
May irritate eyes. Avoid contact with eyes.
May irritate the skin. Avoid contact with skin.

DO NOT eat, drink or smoke/vape while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum/tobacco, smoking/vaping, using the toilet or handling mobile devices. Aircraft cockpit and vehicle cabs MUST be decontaminated regularly.

DO NOT contaminate food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

Mixers and loaders supporting aerial applications MUST use closed systems. 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.

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 enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours for all agricultural uses. For all other terrestrial uses, **DO NOT** enter or allow worker entry into treated areas during the REI of 12 hours.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Enrich Agrochemical Company Limited at 1-514-578-1459.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear, protective eyewear (goggles or face shield), and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH-approved canister approved for pesticides during mixing, loading, application, clean-up and repair. In addition, for handheld application, wear chemical-resistant headgear when applying above waist height, including overhead. Gloves and a respirator are not required during application within a closed cab and/or cockpit. A closed cab or cockpit provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab.

Most exposure to pesticides is by absorption through skin, especially from concentrated materials handled at the time of mixing and loading. Rolling down the sleeve end of the glove will prevent drips of liquid from running down the glove onto your arm.

If the product comes in contact with clothing/PPE, remove all contaminated clothing/PPE, wash the outside of gloves with soap and water before removing, wash contaminated skin with soap and water and then dress in clean clothing. Launder contaminated clothing/PPE regularly and separately from other laundry. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions, for washables exist, use detergent and hot water. Store and wash PPE separately from other laundry. Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. DO NOT reuse them.

ENVIRONMENTAL PRECAUTIONS

ANY SPRAY DRIFT OF THIS PRODUCT OUTSIDE THE IMMEDIATE FIELD AREA MAY RESULT IN DAMAGE TO CROPS, SHELTERBELTS, ORNAMENTAL PLANTS, LAWNS, GRAZING AREAS, WILDLIFE COVER, WETLANDS, AND OTHER DESIRABLE GROWTH.

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 in original container, tightly closed, in a safe place away from children. Store this product away from food or feed.

Store above 0 °C. If crystallization occurs because of storage below this temperature, allow the product to warm to room temperature and agitate gently until reconstituted.

DISPOSAL

RECYCLABLE CONTAINERS:
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.

REFILLABLE CONTAINERS (CONTAINERS THAT CAN BE REFILLED FOR THE USER BY THE DISTRIBUTOR/DEALER):
Disposal of container: For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

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.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING, CALL 1-613-966-6666

PRODUCT INFORMATION

ENRICH DIQUAT 240 is a non-volatile, fast acting herbicide. It is inactivated on contact with the soil and therefore, has no residual effect. The herbicidal effect varies with weed species, hence repeat applications may be necessary upon certain perennial weeds. Annual weeds are generally killed with one application.

Germination of seed is not affected by ENRICH DIQUAT 240 for all crops which could go for seed sale.

ENRICH DIQUAT 240 is easily applied in high or low volume sprayers. Very low volume or ultra low volume equipment for aerial application, e.g. rotary atomizer nozzles such as MICRONAIR, are not recommended. Always use recommended water volume. Complete coverage is essential. DO NOT USE MIST BLOWERS.

ENRICH DIQUAT 240 is rapidly absorbed by plants, and effectiveness is not reduced by rain falling shortly after treatment. EFFECTIVENESS OF THE TREATMENT MAY BE ENHANCED WHEN APPLICATION IS MADE ON CLOUDY DAYS OR PRIOR TO PERIODS OF DARKNESS.

Use clean (non-turbid) water for spraying ENRICH DIQUAT 240. Muddy water will reduce the effectiveness of ENRICH DIQUAT 240.

THE USER MUST BE AWARE THAT THIS PRODUCT ACCELERATES THE NATURAL PROCESS OF CROP DRY DOWN. IN CASES OF ADVERSE WEATHER CONDITIONS SUCH AS HEAVY RAIN, HAIL OR STRONG WIND, THE RESULTANT DAMAGE TO YOUR CROP MAY BE ENHANCED. TAKE NOTE THAT CERTAIN CROPS ARE MORE FRAGILE THAN OTHERS.

Crop waste remaining after harvest (e.g. pea vines, alfalfa stems) may be used as a feed supplement for livestock.

HARVESTING

The use of ENRICH DIQUAT 240 facilitates direct combining of many field crops such as lentils, peas, canola, mustard or legumes. Growers who wish to swath desiccated crops should wait until the crop has dried down sufficiently to allow the desiccated crop to be picked up and threshed immediately after swathing. Delaying threshing after swathing desiccated crops will increase shattering and seed loss.

For most crops, harvest can normally commence within 4-10 days after desiccation. However, late fall applications and adverse weather conditions such as rainfall, cool temperatures and high humidity will slow plant desiccation and keep seed moisture levels high which can delay commencement of harvest beyond 10 days after application. When those conditions prevail after ENRICH DIQUAT 240, commence harvest when plant material is dry and seed moisture level allows efficient harvesting. To minimize seed loss and to maintain seed quality, harvest of desiccated crops should commence as soon as seed moisture reaches the level for normal harvest.

DIRECTIONS FOR USE

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.

Refer to the following table for a summary of rates, application volumes and growth stages for ground and aerial application of ENRICH DIQUAT 240. The table provides operational information. The applicator is directed to the CROPS-ADDITIONAL NOTES section for any additional information prior to spraying. Ground spraying may be done with any standard boom sprayer.

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 Enrich Agrochemical Company Limited at 1-514-578-1459 for information before applying any tank mix that is not specifically recommended on this label.

When applied as a tank-mix combination, read and observe all label directions, including rates, personal protective equipment, restrictions and precautions for each product in the tank-mix. Always use in accordance with the most restrictive label restrictions and precautions.

Ground Application

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) Medium classification. Boom height must be 60 cm or less above the crop or ground.

Ground spraying may be done with any standard boom sprayer.

Use a non-ionic surfactant, a wetting and spreading agent, at a rate of 1 L for each 1000 L of spray mixture unless otherwise stated.

AGITATE WELL BEFORE USE.

CLEANING SPRAYER AFTER USE

It is important to thoroughly wash equipment after spraying - use a wetting agent (a non-ionic surfactant at 60 mL per 100 L of water), flush and spray out, then thoroughly rinse with clean water. When possible, the equipment should be filled with clean water and left overnight. Spray out before storing equipment or using for other materials.

Aerial Application

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 16 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 (572.1 to 572.3) Medium 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 specified 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 or a Global Positioning System (GPS).

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.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call Enrich Agrochemical Company Limited at 1-514-578-1459 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 45 litres per hectare for conventionally piloted aircraft.

Spray Buffer Zones:

For application to rights-of-way, spray buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g., wind direction, low wind speed) and spray equipment (e.g., coarse droplet sizes, minimizing height above canopy), should be used. Applicators must, however, observe the specified spray buffer zones for protection of sensitive aquatic habitats.

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.

Method of Application	**Crop/Site**		**Spray Buffer Zones (metres) Required for the Protection of:**				
			Freshwater Habitat of Depths:		**Estuarine/Marine Habitat of Depths:**		**Terrestrial Habitat:**
			Less than 1 m	**Greater than 1 m**	**Less than 1 m**	**Greater than 1 m**	
Field Sprayer	**For Desiccation**						
	Beans (white and red kidney, soybeans and Adzuki beans), canola, chickpeas, flax (including low linolenic acid varieties), legume seed crops (alfalfa, birdsfoot trefoil, red clover and white clover), lentils, mustard (condiment type only), peas (field or dry). sweet white lupins, sunflowers, faba (fava) broad beans		5	3	5	3	3
	For Weed Control						
	Oats		5	3	5	3	3
	Vegetable and field crops, non-cropland (including rights-of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks)		10	5	10	5	5
	For Vine killing						
	Potato		10	5	10	5	5
Aerial	**For Desiccation**						
	Beans (white and red kidney, soybeans and Adzuki beans), canola, chickpeas, flax (including low linolenic acid	Fixed wing	150	80	150	80	90

	varieties), legume seed crops (alfalfa, birdsfoot trefoil, red clover and white clover), lentils. Mustard (condiment type only), peas (field or dry), sunflowers, faba (fava) broad beans	Rotary wing	100	55	100	55	70
	For Vine killing						
	Potato	Fixed wing	200	100	200	100	100
		Rotary wing	125	65	125	65	80

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.

GROUND APPLICATION

TABLE 1

CROPS	RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/ha)	CROP CONDITION	NOTES
Field Crops					
Beans (White & Red Kidney, Soybeans and Adzuki beans)	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Spray at 80-90% natural leaf defoliation and at least 80% of the pods have turned yellow. Consider pod turn only when determining application time in years when heavy vine growth is anticipated.
	1.7-2.1	Aerial	at least 45		
	1.7	Ground	225-550	Heavy crop stand and/or weedy crop and/or heavy vine regrowth	
	2.3	Aerial	at least 45		
Canola	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Apply when 90% or more of seed has turned brown. Combine no later than 14 days after application.
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Chickpeas	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	For Desi type, apply at the time swathing would normally commence, when the majority of plants are yellow and most pods are mature and seeds have turned from green to yellow or brown. Upper part of plant may still be green. For Kabuli type, apply
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Heavy crop stand and/or weedy crop and/or heavy vine regrowth	

					when the majority of plants and pods are ripe and dry with seeds turned from green to white or tan, and detached from the pods. Drydown is less complete in Kabuli type due to its thick pod wall.
Flax (including low linolenic acid varieties)	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Spray when crop is at 75% boll turn stage. Harvest when flaxseed tests 'dry'.
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Legumes Seed Crops (alfalfa, birdsfoot trefoil, red clover and white clover)	1.7-2.7	Ground	225-550	Full canopy and/or weedy crop	Seed crops only. Apply when the majority of the pods of individual plants are ripe but before they shatter. To prevent pod shattering and loss of seed the interval between spraying and harvest should not exceed 7 days.
	1.7-2.7	Aerial	at least 45		
	2.7	Ground	225-550	Very dense canopy and/or weedy crop and/or secondary regrowth	
	2.7	Aerial	at least 45		
Lentils	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Apply ENRICH DIQUAT 240 at the time swathing would normally commence. This is when the lowermost pods are yellow-brown and seeds rattle.
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Mustard (condiment type only)	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Spray when crop is at 75% seed turn (green to brown) stage. Combine no later than 14 days after application.
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Oats (for Corn Spurry Control)	0.9	Ground	225-335	Corn spurry less than 8 cm high	Do not use wetters, spreaders or stickers. Apply when oats are 8-15 cm in height. **DO NOT** apply by air.
	1.25	Ground	225-335	Corn spurry more than 8 cm high	
Peas - Field or Dry	1.25-1.7	Ground	225-550	Full canopy, few weeds (normal crop)	Apply ENRICH DIQUAT 240 when bottom pods of the majority of the plants are ripe & dry with the seeds detached from the pods. Seed in less mature pods will split when squeezed.
	1.7	Aerial	at least 45		
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Sweet White Lupins	2.3	Ground	225-550	Full canopy, few weeds (normal crop)	Spray when the pods are brown and the internal seed (endosperm) is yellow when cut. **DO NOT** apply by air.
Sunflowers	1.25-1.7	Ground	225-550	Full canopy, few weeds	Spray when seeds reach maturity (20-50%
	1.7	Aerial	at least 45		

				(normal crop)	moisture in the seed and hull). Combine 15-20 days after spraying.
	1.7	Ground	225-550	Very dense canopy and/or weedy crop	
	2.3	Aerial	at least 45		
Vegetables & Field Crops					
Stale Seedbed	2.3	Ground	at least 300	Small weeds (3-5 cm high)	Stale Seedbed - Pre-emergent to crop, post emergent weeds. Burn off weeds either prior to, or after seeding, but 3 days before crop emergence. **DO NOT** apply by air.
	4.6	Ground	at least 300	Large weeds (greater than 5 cm high)	
Vegetables					
Inter-row directed weeding	2.3-4.6	Ground	900-1100		**DO NOT** apply by air.
Fruit					
Perennial grass suppression under apple trees	4.6	Ground	225-675		**DO NOT** apply by air.
Non-Crop Land (Rights-of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks)					
Weed Control in non-crop land	2.3-4.6	Ground	550-1100		Use higher rates and higher volume of water for dense weed growth. Thoroughly wet foliage. **DO NOT** apply by air.

CROPS	Potato – Vine Killing
CROP CONDITION	Top growth heavy or weedy field
RATE	Ground: 3.5 L/ha
APPLICATION VOLUME	Ground: 550 L/ha – 1100 L/ha
CROP CONDITION	Top growth light, little weed growth or top growth heavy and in early stage of maturity
RATE	Ground: 1.7 L/ha – 2.3 L/ha
APPLICATION VOLUME	Ground: 550 L/ha – 1100 L/ha
CROP CONDITION	Top growth heavy or top growth light and weedy field (for Eastern Canada only)
RATE	Ground: 1.25 L/ha – 2.3 L/ha PLUS 1.25 L/ha
APPLICATION VOLUME	Ground: 550 L/ha – 1100 L/ha
CROP CONDITION	All top growth conditions. No geographic limitation.

RATE	Aerial: 1.7 L/ha – 2.3 L/ha PLUS 1.25 L/ha
APPLICATION VOLUME	Aerial: at least 45 L/ha
CROP CONDITION	Top growth fully mature, little or no weeds
RATE	Ground: 1.25 L/ha
APPLICATION VOLUME	Ground: 550 L/ha – 1100 L/ha (add 1 L non-ionic surfactant/1000 L or 2.5 L LI 700/ 1000 L in the prairie provinces)

NOTES	DO NOT apply to drought stressed potatoes. Use of an adjuvant such as a non-ionic surfactant or LI 700 is not recommended for this crop, except as noted. Second application 4-6 days after first application at normal top killing time. Use higher rate in the first application on denser or immature vines. A fungicide may be added. 1.25 L rate may require more than 10-14 days to give a complete kill. Do not use 1.25 L rate in BC. ENRICH DIQUAT 240 is an effective potato vine killer of seed and table potatoes. Leaf kill is rapid (3-4 days) with kill of stems taking place gradually (10-14 days) giving conditions that closely approach 'natural' maturity. At recommended rates of application, ENRICH DIQUAT 240 also desiccates weeds that are present, and thus speeds and eases the harvesting operations. By stopping growth of potato tops the incidence of tuber rot is greatly reduced. Best results are obtained after growth has passed its peak and adequate skin set has been established. Poor results may be obtained when plants are sprayed while growing actively. NOTE: Active growth of potato tops can continue into late season in part or all of a field if growth has been delayed for any reason during the growing period. Do not harvest potatoes within 24 hours of ENRICH DIQUAT 240 application. Do not apply ENRICH DIQUAT 240 during periods of extreme weather conditions. Do not apply ENRICH DIQUAT 240 during drought, particularly when the soil is so dry that the tops wilt during the day. After drought conditions, wait for at least three days after the soil has been thoroughly moistened by rain or irrigation. During extremely wet conditions, particularly if the soil is water logged and algal colonies are present on the soil as an indicator of excessive moisture, wait until soil conditions are drier and more closely resemble harvesting conditions. Do not use ENRICH DIQUAT 240 if tops have been damaged by a roto-beater or other similar mechanical top beater. Do not use wetters, spreaders or stickers except as directed for the 1.25 L rate in the prairie provinces. When potato tops are especially dense or heavy weed growth is present, use 1100 L of water/ha.

CROPS - ADDITIONAL NOTES

Beans

White and Red-Kidney Beans, Soybeans and Adzuki Beans

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used with aircraft fitted to apply uniform spray coverage. Spray at 80-90% natural leaf defoliation and when at least 80% of the pods have turned yellow. In years of excessive vine regrowth, consider pod colour only for the timing of ENRICH DIQUAT 240 application. Desiccation of weeds is completed in a week. THIS TREATMENT DOES NOT MATURE BEANS NOR DOES IT LOWER MOISTURE CONTENT OF BEANS. Direct combine or pull beans when they are considered ready. Combining of dry beans and Adzuki beans can often be done the day of pulling; however, this is dependent on the condition of the beans.

ENRICH DIQUAT 240 applied to beans under prolonged drought stress will provide slower and less effective desiccation compared to applications made under normal growing conditions. If prolonged drought stress conditions exist prior to application, use the highest registered rate of ENRICH DIQUAT 240 for beans as well as the highest registered water volume to obtain the best activity.

Canola

This treatment does not mature canola. ENRICH DIQUAT 240 is an effective desiccant aiding in the harvest of canola. Speed of pod and stem dry down will vary depending on spray coverage, environmental conditions and plant growth stage at application; however, pod and stem kill will take place 7-10 days after application.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used with aircraft fitted to apply uniform spray coverage. Apply when 90% or more of seed has turned brown; application of ENRICH DIQUAT 240 prior to this stage can result in high levels of green seed in the sample.

Commence harvest as soon as the crop can be combined since significant yield loss in standing desiccated canola crops, particularly Argentine varieties, can occur due to pod drop and pod shattering. This yield loss can be greater if harvest of the standing desiccated crop is delayed or when unfavourable weather conditions including high winds and heavy rainfall occur.

Germination of seed is not affected by ENRICH DIQUAT 240.

Chickpeas

This treatment does not mature chickpeas. Chickpea swaths are at risk to wind loss, and straight cutting is preferred. Timing is vital as premature desiccation will result in yield and quality loss. Crops should be closely monitored for correct stage of application. Application of ENRICH DIQUAT 240 may cause the small stem attaching the pod to the chickpea plant to become brittle and lead to increased pod loss. Wait 4 to 7 days before combining the crop. It may be advantageous to harvest, and bin separately, chickpea grain from late maturing areas of the field. Use of higher water volumes will provide more complete coverage.

For Desi type, apply at the time swathing would normally commence, when the majority of plants are yellow and most pods are mature and seeds have turned from green to yellow or brown. Upper part of plant may still be green.

For Kabuli type, apply when the majority of plants and pods are ripe and dry with seeds turned from green to white or tan, and detached from the pods. Drydown is less complete in Kabuli type due to its thick pod wall.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used with aircraft fitted to apply uniform spray coverage.

Germination of seed is not affected by ENRICH DIQUAT 240.

Flax (including low linolenic acid varieties)

ENRICH DIQUAT 240 is an effective desiccant aiding in the harvest of flax (including low linolenic acid varieties). Desiccation reduces the period of time from maturity to harvest, reduces wear and tear on harvesting equipment, reduces harvest time, decreases the moisture content of the seed and eliminates the need for swathing.

Spray when the crop is at the 75% boll turn stage (normal swathing time). Do not

apply before 75% boll turn. Harvest when the flaxseed tests 'dry'.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage.

Aerial application may be used where the crop is too dense or the ground too soft for ground rigs. Ensure aircraft is fitted to apply uniform spray coverage.

Germination of seed is not affected by ENRICH DIQUAT 240 of the crop.

Fruit

Perennial Grass Suppression Under Apple Trees

See Table 1 for rates.

DO NOT apply by air.

Legumes

Alfalfa, Birdsfoot Trefoil, Red Clover, and White Clover Seed Crops

To prevent seed pod shattering and loss of seed, the interval between spraying and harvest should not exceed 7 days. NOTES: 1) Birdsfoot trefoil plants under drought or disease stress may be subject to damage when desiccated with ENRICH DIQUAT 240. 2) Do not use ENRICH DIQUAT 240 if a residual herbicide has been used on the legumes within the past 12 months.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used where the crop is too dense or the ground too soft for ground rigs. Ensure aircraft is fitted to apply uniform spray coverage.

Lentils

Apply ENRICH DIQUAT 240 at the time swathing would normally commence. This is when the lowermost pods are yellow-brown and seeds rattle. Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used where the crop is too dense or the ground too soft for ground rigs.

ENRICH DIQUAT 240 applied to lentils under prolonged drought stress, rainfall, cool temperatures and high humidity will provide slower and less effective desiccation compared to applications made under normal growing conditions. If these conditions exist prior to application, use the highest registered rate of ENRICH DIQUAT 240 for lentils as well as the highest registered water volume to obtain the best activity.

Harvest delays should be expected.

Mustard (condiment type only)

Spray when the crop is at the 75% seed turn (green to brown) stage. Do not apply when the crop is immature or past the recommended stage of maturity. Commence combining no later than 14 days after application. **NOTE:** Pod drop and some shattering can occur in high winds in the standing crop.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used where the crop is too dense or the ground too soft for ground rigs. Apply by means of an aircraft fitted to apply uniform spray coverage.

Non-Crop Land (Rights-of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks)

Weed Control in Non-Crop Land

For the top kill of weeds, ENRICH DIQUAT 240 will provide a rapid top-kill of weeds and grasses when applied as a foliar spray. ENRICH DIQUAT 240 may be added to tank mixes of certain soil sterilants where immediate top kill and long term soil sterilization is required. The combined use with soil sterilants should be based on previous experimental experience, and recommendations on the label of the residual herbicide.

DO NOT apply by air.

Oats (for Corn Spurry Control)

ENRICH DIQUAT 240, when applied by ground sprayer as recommended in Table 1, will burn corn spurry and give a temporary burning of the exposed oats leaves, but the plants quickly recover. Do not use any surfactant.

DO NOT apply by air.

Peas – Field or Dry

This treatment does not mature peas. Because pea swaths are at considerable risk to wind losses, straight cutting should be considered. Timing is vital as premature desiccation will result in yield loss: crops should be closely monitored. Commence combining when the peas test "dry".

ENRICH DIQUAT 240 applied to peas under prolonged drought stress will provide slower and less effective desiccation compared to applications made under normal growing conditions. If prolonged drought stress conditions exist prior to application, use the highest registered rate of ENRICH DIQUAT 240 for peas as well as the highest registered water volume to obtain the best activity.

With indeterminate varieties, apply ENRICH DIQUAT 240 when the lower pods of most plants are ripe, dry, translucent and shrunken, with enclosed seeds detached from the pods. Middle pods will be somewhat shrunken and leathery, and the seed will split when squeezed. Desiccation will dry out upper pods and green plant growth, leaving bottom and middle pods with the highest quality seed.

With determinate varieties, ENRICH DIQUAT 240 should be applied when the top and upper middle pods are somewhat shrunken and leathery and seeds in these pods split when squeezed. The lower middle and bottom pods are ripe and dry, translucent and shrunken, with seeds enclosed in these pods detached.

Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used where the crop is too dense or the ground too soft for ground rigs. Ensure aircraft is fitted to apply uniform spray coverage.

Sweet White Lupins

Apply ENRICH DIQUAT 240 once per season for pre-harvest desiccation. Spray when the pods are brown and the internal seed (endosperm) is yellow when cut. Wait at least 7 days before harvesting. Do not add wetters, spreaders or stickers to the spray solution. Ground rig application only. Ground spraying may be done with any standard boom sprayer. DO NOT apply by air.

Sunflowers

ENRICH DIQUAT 240 is an effective desiccant aiding in the harvest of sunflower seed for seed, oil production and confectionery use. If specialized high clearance equipment is available, ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used where the crop is too tall or the ground too soft for ground rigs. Do not apply when the crop is immature.

Combine 15-20 days after spraying.

Vegetables and Field Crops

Stale Seedbed - Pre-emergent to crop, Post-emergent to Weeds on Stale Seedbed

For weed control in beans (all types), beets, carrots, cole crops, corn, onions, peas, cucumbers, soybeans and turnips, prepare a stale seedbed by early cultivation (at least two to four weeks in advance of seeding) to stimulate weed growth. Seed without further cultivation and with a minimum of soil disturbance.

Apply by ground sprayer 2.3 or 4.6 L of ENRICH DIQUAT 240 (2.3 L for small weeds, 3 to 5 cm high, and 4.6 L for larger weeds) in 300 L or more of water per hectare to burn off emerged weeds either prior to seeding or after seeding, but three days before crop emergence.

DO NOT apply by air.

Vegetables

Inter-row Directed Weeding

For weed control between the rows after crop and weed emergence, use suitable protective equipment and spray nozzle to protect crop from spray.

DO NOT apply by air.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Enrich Agrochemical Company Limited under the User Requested Minor Use Label Expansion program. For these uses, Enrich Agrochemical Company Limited has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

FABA (FAVA) BROAD BEANS

RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/ha)	CROP CONDITION	NOTES
1.25-1.7 1.7-2.3	Ground Aerial	225-550 at least 45	Use higher spray rates for dense canopies and/or weedy crops	Apply 1 application only for crop desiccation. Apply when the majority of the plants are ripe and dry. Pods will be fully filled and the bottom pods will be tan or black in colour. For ground or aerial application, use a non-ionic surfactant as a wetting and spreading agent, at a rate of 1 L for each 1000 L of spray mixture. Observe a 4 – 10 day pre-harvest interval (PHI). Spray pressure should be increased with high clearance sprayers (90 – 100 psi) to ensure adequate coverage of ENRICH DIQUAT 240 in the lower stem area. Ground sprayer application will facilitate use of higher water volumes and provide more complete coverage. Aerial application may be used with aircraft fitted to apply uniform spray coverage. Desiccation of weeds is completed in a week. THIS TREATMENT DOES NOT MATURE BEANS NOR DOES IT LOWER MOISTURE CONTENT OF BEANS. ENRICH DIQUAT 240 applied to beans under prolonged drought stress will provide slower and less effective desiccation compared to applications made under normal growing conditions. If prolonged drought stress conditions exist prior to application, use the highest registered rate of ENRICH DIQUAT 240 for beans as well as the highest registered water volume to obtain the best activity. Timing is vital as premature desiccation will result in yield loss; crops should be closely monitored.

Resistance-Management Recommendations

For resistance management, ENRICH DIQUAT 240 is a Group 22 herbicide. Any weed population may contain or develop plants naturally resistant to ENRICH DIQUAT 240 and other Group 22 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 ENRICH DIQUAT 240 or other Group 22 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 Enrich Agrochemical Company Limited at 1-514-578-1459.