
GROUP	22	HERBICIDE
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REGLONE® PRO

LIQUID HERBICIDE AND DESICCANT
(Contains Diquat)

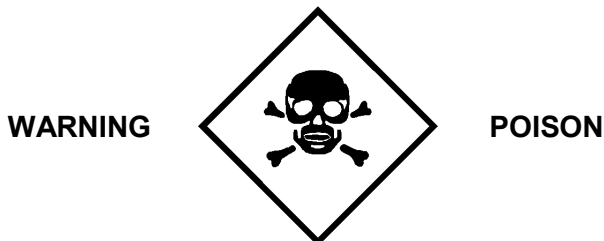
AGRICULTURAL

For Desiccation of Lentils, Field or Dry Peas, Legume Forage Seed Crops, Sunflowers, Flax (Including low linolenic acid varieties), Canola, Mustard, Dry Common Beans, Soybeans and Adzuki Beans.

GUARANTEE:

Diquat ion,..... 200 g per litre (present as dibromide)

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**



**DANGER - EYE IRRITANT
WARNING - SKIN IRRITANT**

REGISTRATION NO. **24470**
PEST CONTROL PRODUCTS ACT

NET CONTENT: **1 L, 10 L, 110 L, 415 L, Bulk**

Syngenta Crop Protection Canada, Inc.
140 Research Lane
Research Park, University of Guelph
Guelph, Ontario
N1G 4Z3
B96/A-2

<p style="text-align: center;">WARNING! * DANGEROUS IF SWALLOWED. * NEVER TRANSFER TO OTHER CONTAINERS. * KEEP OUT OF REACH OF CHILDREN AND ANIMALS</p>

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, induce vomiting. Get to nearest hospital **FAST. THIS IS ESSENTIAL**. If delay is unavoidable, administer fluids and induce further vomiting, contact a poison control centre. **If in eyes**, flush with clean running water for 15 minutes and get medical attention even if no irritation arises. Call a physician or contact a poison control centre. **If on skin**, wash exposed skin thoroughly with water immediately. Remove contaminated clothing immediately; wash separately from household laundry before re-use. If irritation develops, contact a physician or contact a poison control centre.

TOXICOLOGICAL INFORMATION

If swallowed, give stomach a wash-out and test urine and gastric aspirate for diquat. If positive, give up to 1 litre of adsorbent suspension (activated charcoal) mixed with a purgative ($MgSO_4$, Na_2SO_4 or mannitol). Repeat administration of adsorbent suspension every 2 hrs for first 24 hrs and every 4 hrs for the next 24 hrs, plus purgatives as required. Maintain and monitor electrolyte and fluid status daily. Consider haemodialysis or haemoperfusion, using charcoal column. Delay oxygen as long as possible. **If in eyes**, treat symptomatically, using antibiotics and steroids as necessary.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. EXCESSIVE EXPOSURE TO DIQUAT MAY CAUSE A HEALTH HAZARD. FOLLOWING THE DIRECTIONS AND PRECAUTIONS WILL REDUCE EXPOSURE.

Wear long-sleeve liquid proof gloves, goggles, coveralls and an apron while mixing and loading. Most exposure to pesticides is by absorption through skin, especially from concentrated material handled at the time of mixing and loading. Since most of this exposure is on the hands and forearms, use of long-sleeve liquid-proof gloves will reduce exposure substantially. Rolling down the sleeve end of the glove will prevent drips of liquid from running down the glove onto your arm.

If concentrate splashes onto the side of the spray tank, and you subsequently lean against the tank, the clothing and skin over the abdomen will be exposed to REGLONE PRO concentrate. Use of a liquid proof apron will reduce this likelihood. If clothing has been contaminated, remove it and launder it as soon as possible. Do not leave wet contaminated clothing in contact with skin for extended periods. REGLONE PRO is irritating to eyes. Always use goggles and/or a face shield. **AVOID WORKING IN SPRAY MIST**. If necessary wear an approved face mask and eyeshield.

WASH hands and face thoroughly after spraying and before smoking or taking meals. **DO NOT CONTAMINATE** feeds, foodstuffs or water supplies.

STORE IN ORIGINAL CONTAINER tightly closed in a safe place away from children.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in U.S., contact 1-866-375-4648 or www.cropro.org.

DECONTAMINATION AND DISPOSAL:

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

CONTAINER DISPOSAL:

FOR DISPOSAL OF PLASTIC JUGS:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

FOR 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 use this container for any other purpose.

If the container is not being refilled, refer to the section "FOR DISPOSAL OF PLASTIC JUGS".

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

® REGLONE s a registered trademark of a Syngenta group company.

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REGLONE® PRO

LIQUID HERBICIDE AND DESICCANT
(Contains Diquat)

AGRICULTURAL

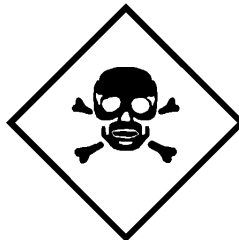
For Desiccation of Lentils, Field or Dry Peas, Legume Forage Seed Crops, Sunflowers, Flax (Including low linolenic acid varieties), Canola, Mustard, Dry Common Beans, Soybeans and Adzuki Beans.

GUARANTEE:

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WARNING



POISON

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WARNING - SKIN IRRITANT**

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If concentrate splashes onto the side of the spray tank, and you subsequently lean against the tank, the clothing and skin over the abdomen will be exposed to REGLONE PRO herbicide concentrate. Use of a liquid proof apron will reduce this likelihood. If clothing has been contaminated, remove it and launder it as soon as possible. Do not leave wet contaminated clothing in contact with skin for extended periods. REGLONE PRO herbicide is irritating to eyes. Always use goggles and/or a face shield. **AVOID WORKING IN SPRAY MIST**. If necessary wear an approved face mask and

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ENVIRONMENTAL PRECAUTIONS

ANY 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.

STORAGE

Store in original container, tightly closed, in a safe place away from children.

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

SPILL CLEANUP

Before attempting to clean up a spill, proper protective equipment is to be worn (Refer to PRECAUTIONS section).

If the container is leaking, secure leak and place the container in heavy plastic bag or drum.

Absorb the spilled material onto an inert material (soil, kitty litter, etc.) and shovel into a sealable, waste container.

After all absorbent is cleaned up on hard surfaces - cover surface with detergent and mix in a small quantity of water. Scrub with a stiff brush, let stand for 30 minutes than absorb onto an inert material. Shovel into the waste container.

On earth - remove and dispose of top 15 cm of soil and replace with fresh soil.

Dispose of all wastes, including contaminated equipment, in accordance with instructions in DISPOSAL section.

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

PRODUCT INFORMATION

REGLONE PRO Herbicide 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 REGLONE PRO Herbicide for all crops which could go for seed sale.

REGLONE PRO Herbicide 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. Flat fan, hollow cone or REGLO JET[™] nozzles are recommended for optimum results. Always use recommended water volume. Complete coverage is essential. DO NOT USE MIST BLOWERS.

REGLONE PRO 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 REGLONE PRO Herbicide. Muddy water will reduce the effectiveness of REGLONE PRO Herbicide.

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 (eg. pea vines, alfalfa stems) may be used as a feed supplement for livestock.

HARVESTING

The use of REGLONE PRO Herbicide 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 commence within 4-10 days after desiccation. However, adverse weather conditions such as rainfall, cool temperatures and high humidity will slow plant desiccation and keep seed moisture levels high. When those conditions prevail after REGLONE PRO Herbicide desiccation, 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.

CLEANING SPRAYER AFTER USE

It is important to thoroughly wash equipment after spraying - use a wetting agent (AGRAL[®] 90 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.

DIRECTIONS FOR USE

Refer to the following table for a summary of Rates, Application Volumes and Growth Stages for Ground and aerial Application of REGLONE PRO Herbicide. The table provides operational information. The applicator is directed to the CROPS-ADDITIONAL NOTES section for any additional information prior to spraying.

Guidance for Choice of Rate: Application rates are presented as a range. In choosing the appropriate use rate within that range, consider the following factors:

- crop density - higher rates required for dense stands.
- crop maturity - higher rates required for actively growing indeterminate crops.
- application (water) volume - use higher REGLONE PRO Herbicide rates when using water volumes at the lower end of the recommended range, and for aerial application.

-
- weed presence - higher rates required to control populations of large green weeds.

For example, the low rate of the range should only be chosen if the crop is sparse, starting to dry down naturally and when the highest listed application volume is used, by ground. The high rate of the range should be chosen if the crop is lush and dense, if there are significant weed populations present, and when applying by aircraft.

THOROUGH COVERAGE IS ESSENTIAL FOR ACTIVITY. In many situations, a rate intermediate between the listed low and high rates will be adequate if the highest listed application volume is used.

REGLONE PRO Herbicide contains a wetting agent. Do not add additional wetters, stickers or spreaders.

AGITATE WELL BEFORE USE.

GROUND APPLICATION

Ground spraying may be done with any standard boom sprayer. Apply REGLONE PRO Herbicide in 150 to 225 L/ha water.

AERIAL APPLICATION

ENVIRONMENTAL PRECAUTIONS

AIRCRAFT APPLICATION IS NOT RECOMMENDED WHERE WETLANDS OR WILDLIFE COVER MIGHT BE OVERSPRAYED. AVOID SPRAY DRIFT ONTO ADJACENT CROPS, SHELTER BELTS AND WILDLIFE COVER. AVOID OVERSPRAYING OR DRIFT ONTO SLOUGHS.

SINCE HERBICIDE APPLICATION MAY DAMAGE THE HABITAT OF MIGRATORY BIRDS AND OTHER WILDLIFE SPECIES, DO NOT USE AERIAL APPLICATION IN FIELDS WHERE WETLANDS OR OTHER GOOD WILDLIFE COVER MIGHT BE OVERSPRAYED; THIS INCLUDES SLOUGHS AND DRY SLOUGH MARGINS IN WESTERN CANADA. USE GROUND SPRAYERS AND LEAVE AN UNSPRAYED MARGIN OF 15 M AROUND THE BORDER OF ALL SLOUGHS.

Apply in weather conditions that will not promote drift. Suggested conditions for good aerial application are **moderate temperatures** (less than 25°C), **humidity** (greater than 40%), and **wind** 3.5-9 kph. Do not apply in dead calm conditions or when temperature inversion is likely (e.g. evening when warm air is rising from crop or morning when sunshine warms the soil and air rises from the field). To avoid spray drift, use flat fan or hollow cone nozzles, and a pressure of 150-200 kPa, with the nozzles pointed back 130°-180°. REGLO-JET™ nozzles are available from Syngenta Crop Protection Canada, Inc. for aerial application. Apply REGLONE PRO Herbicide in at least 45 L/ha water.

CROP	RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/ha)	NOTES
Field Crops				
Beans: White and Red Kidney, Soybeans and Adzuki beans	1.5-2.0	Ground	150 - 225	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 re-growth is anticipated.
	2.0-2.75	Aerial	at least 45	
Canola	1.5-2.0	Ground	150 - 225	Spray when crop is at 60-75% seed turn (green to brown) stage. Combine no later than 14 days after application.
	2.0-2.75	Aerial	at least 45	
Flax (including low linolenic acid varieties)	1.5-2.0	Ground	150 - 225	Spray when crop is at 75% boll turn stage. Harvest when flaxseed tests 'dry'.
	2.0-2.75	Aerial	at least 45	
Legumes (alfalfa, birdsfoot, trefoil, red clover and white clover) Seed Crops	2.0-3.25	Ground	150 - 225	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. Use the higher rate in very dense crops or when weeds or secondary regrowth create a dense canopy.
	2.0-3.25	Aerial	at least 45	
Lentils	1.5-2.0	Ground	150 - 225	Apply REGLONE PRO Herbicide at the time swathing would normally commence. This is when the lowermost pods are yellow-brown and rattle.
	2.0-2.75	Aerial	at least 45	
Mustard	1.5-2.0	Ground	150 - 225	Spray when crop is at 75% seed turn (green to brown) stage. Combine no later than 14 days after application.
	2.0-2.75	Aerial	at least 45	
Peas-Field or Dry	1.5-2.0	Ground	150 - 225	Apply REGLONE PRO 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.
	2.0-2.75	Aerial	at least 45	

CROP	RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/ha)	NOTES
Potato- Vine Killing	1.5 - 4.25 (single applic.)	Ground	150-225	For use in Western Canada only. Refer to "Guidance for Choice of Rate statements on full label and Crops- Additional Notes below for detailed application advice." Thorough coverage is essential for complete vine killing.
	1.5-2.75 plus 1.5 (split applic.)	Ground	150-225	
		Aerial	at least 45	
Sunflowers	1.5-2.0	Ground	150 - 225	Spray when seeds reach maturity (20-50% moisture in the seed and hull). Combine 15-20 days after spraying.
	2.0-2.75	Aerial	at least 45	

CROPS - ADDITIONAL NOTES

Beans: White and Red Kidney, Soybeans and Adzuki Beans

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 REGLONE PRO Herbicide 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.

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 a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Canola

REGLONE PRO Herbicide is an effective desiccant for seed and commercial canola production. Pod and stem kill takes place in 7-10 days after application, eliminating the need to swath, thus facilitating straight combining of the standing crop. REGLONE PRO Herbicide also kills most weeds present at the time of application and thus speeds up harvest.

NOTE: REGLONE PRO HERBICIDE SHOULD ONLY BE USED ON ARGENTINE VARIETIES TO FACILITATE A HARVEST OF LODGED CROPS. LOSSES CAN OCCUR DUE TO POD DROP AND POD SHATTER FROM HANDLING OR IF UNFAVOURABLE WEATHER CONDITIONS

OCCUR AS DESCRIBED UNDER PRODUCT INFORMATION.

Spray when the crop is at the 60-75% seed turn (green to brown) stage. Do not apply when the crop is before or past the recommended stage of maturity. Commence combining no later than 14 days after application.

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 a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Flax (including low linolenic acid varieties)

REGLONE PRO Herbicide 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 a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

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 REGLONE PRO Herbicide) Do not use REGLONE PRO Herbicide 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 a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Lentils

Apply REGLONE PRO Herbicide at the time swathing would normally commence. This is when the lowermost pods are yellow-brown and seeds rattle. Wait 4-7 days before combining the 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. Ensure aircraft is fitted to apply a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Mustard

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. Ensure aircraft is fitted to apply a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

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.

With indeterminate varieties, apply REGLONE PRO Herbicide 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, REGLONE PRO Herbicide 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.

Timing is vital as premature desiccation will result in yield loss: crops should be closely monitored. Commence combining when the peas test "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 a uniform spray coverage.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Potato - Vine Killing

REGLONE PRO Herbicide is an effective vine killer for seed, processing and table potatoes. Leaf kill is rapid (3-4 days) with kill of stems taking place gradually (10-14 days), providing an effect that approximates natural maturity. REGLONE PRO Herbicide also desiccates weeds that may be present, thereby speeding and easing harvesting operations. By stopping the growth of potato tops, the incidence of tuber rot is greatly reduced.

Spray at least two weeks before harvest. 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 late in the season in part or all of a field if growth has been delayed for any reason during the growing period.

For planned single applications, use the 1.5 L per hectare rate only if the top growth is fully mature and naturally senescing, and if there are few weeds present. The 1.5 L per hectare rate may require more than 10 to 14 days to give a complete kill. Use higher rates within the recommended range if vine growth is heavy, if the crop is in an early stage of maturity or if the crop is weedy. Refer to the "Guidance for Choice of Rate" section on full label for additional information on how to choose the appropriate rate within the range.

In split applications, best results will be obtained by using the higher rate in the first application, particularly if vines are dense or immature, followed by the second application 4 to 6 days later.

Do not apply REGLONE PRO Herbicide during drought periods, particularly when the soil is so dry that the tops wilt during the day. After such drought conditions, wait for at least three days after the soil has been thoroughly moistened by rain or irrigation. Do not use REGLONE PRO Herbicide if tops have been damaged by a roto-beater or other similar mechanical top beater.

A fungicide may be added to the spray mixture. If doing so, use the highest recommended water volume and apply immediately after mixing.

REGLONE PRO Herbicide may be applied by aircraft or ground sprayer. In all situations, thorough coverage of the foliage is essential for good vine killing and weed desiccation.

Sunflowers

REGLONE PRO Herbicide is an effective desiccant aiding in the harvest of sunflower seed for seed, oil production and confectionery use. Do not apply when the crop is immature. Combine 15-20 days after spraying.

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.

Germination of seed is not affected by REGLONE PRO Herbicide desiccation.

Resistance-Management Recommendations

For resistance management, REGLONE PRO is a Group 22 herbicide. Any weed population may contain or develop plants naturally resistant to REGLONE PRO 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 REGLONE PRO or other Group 22 herbicides 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.

Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.

Monitor treated weed populations for resistance development. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

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 and to report suspected resistance, contact company representatives at 1-1-800-265-3554 or at www.syngenta.ca.

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™ REGLO JET is a trademark of a Syngenta group company

28-JUL-1999

AGRICULTURAL

10 L

SUPPLEMENTAL LABEL

FOR USE AS A POTATO VINE KILLER

REGLONE® PRO

LIQUID HERBICIDE AND DESICCANT
(Contains Diquat)

WARNING POISON

DANGER - EYE IRRITANT
WARNING - SKIN IRRITANT

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

GUARANTEE:

Diquat ion, 200 g per litre (present as dibromide)

REGISTRATION NO. 24470
PEST CONTROL PRODUCTS ACT

ZENECA Agro
A business of ZENECA Corp.
250-3115 12th Street N.E.
Calgary, AB T2E 7J2

D99/H-1

ZENECA

WARNING!

* DANGEROUS IF SWALLOWED.

* NEVER TRANSFER TO OTHER CONTAINERS.

* KEEP OUT OF REACH OF CHILDREN AND ANIMALS

PRECAUTIONS

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

Wear long-sleeve liquid proof gloves, goggles, coveralls and an apron while mixing and loading. Most exposure to pesticides is by absorption through skin, especially from concentrated material handled at the time of mixing and loading. Since most of this exposure is on the hands and forearms, use of long-sleeve liquid-proof gloves will reduce exposure substantially. Rolling down the sleeve end of the glove will prevent drips of liquid from running down the glove onto your arm.

If concentrate splashes onto the side of the spray tank, and you subsequently lean against the tank, the clothing and skin over the abdomen will be exposed to REGLONE PRO concentrate. Use of a liquid proof apron will reduce this likelihood. If clothing has been contaminated, remove it and launder it as soon as possible. Do not leave wet contaminated clothing in contact with skin for extended periods. REGLONE PRO is irritating to eyes. Always use goggles and/or a face shield. AVOID WORKING IN SPRAY MIST. If necessary wear an approved face mask and eye shield.

WASH hands and face thoroughly after spraying and before smoking or taking meals.

DO NOT CONTAMINATE feeds, foodstuffs or water supplies.

STORE IN ORIGINAL CONTAINER tightly closed in a safe place away from children.

FIRST AID

If swallowed, induce vomiting. Get to nearest hospital FAST. THIS IS ESSENTIAL. If delay is unavoidable, administer fluids and induce further vomiting, contact a poison control centre. If in eyes, flush with clean running water for 15 minutes and get medical attention even if no irritation arises. Call a physician or contact a poison control centre. If on skin, wash exposed skin thoroughly with water immediately. Remove contaminated clothing immediately; wash separately from household laundry before re-use. If irritation develops, contact a physician or contact a poison control centre.

TOXICOLOGICAL INFORMATION

If swallowed, give stomach a wash-out and test urine and gastric aspirate for diquat. If positive, give up to 1 litre of adsorbent suspension (activated charcoal) mixed with a purgative (MgSO₄, Na₂SO₄ or mannitol). Repeat administration of adsorbent suspension every 2 hrs for first 24 hrs and every 4 hrs for the next 24 hrs, plus purgatives as required. Maintain and monitor electrolyte and fluid status daily. Consider haemodialysis or haemoperfusion, using charcoal column. Delay oxygen as long as possible. If in eyes, treat symptomatically, using antibiotics and steroids as necessary.

EMERGENCY TELEPHONE NUMBER

All hours 1-800-327-8633 (FASTMED) ONLY for health and environmental information.

DISPOSAL

Rinse the empty container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

CROP	RATE (L/ha)	APPLICATION METHOD	APPLICATION VOLUME (L/HA)	NOTES
Field Crops				

Potato - Vine Killing	1.5-4.25 (single applic.)	Ground	150-225	For use in Western Canada only. Refer to "Guidance for Choice of Rate" statements on full label, and "Crops - Additional Notes" below for detailed application advice. Thorough coverage is essential for complete vine killing.
	1.5-2.75 plus 1.5 (split applic.)	Ground Aerial	150-225 at least 45	

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

DIRECTIONS FOR USE

GROUND APPLICATION

Ground spraying may be done with any standard boom sprayer. Apply REGLONE PRO in 150 to 225 L/ha water.

AERIAL APPLICATION

ENVIRONMENTAL PRECAUTIONS

AIRCRAFT APPLICATION IS NOT RECOMMENDED WHERE WETLANDS OR WILDLIFE COVER MIGHT BE OVERSPRAYED. AVOID SPRAY DRIFT ONTO ADJACENT CROPS, SHELTER BELTS AND WILDLIFE COVER. AVOID OVERSPRAYING OR DRIFT ONTO SLOUGHS.

SINCE HERBICIDE APPLICATION MAY DAMAGE THE HABITAT OF MIGRATORY BIRDS

AND OTHER WILDLIFE SPECIES, DO NOT USE AERIAL APPLICATION IN FIELDS WHERE WETLANDS OR OTHER GOOD WILDLIFE COVER MIGHT BE OVERSPRAYED; THIS INCLUDES SLOUGHS AND DRY SLOUGH MARGINS IN WESTERN CANADA. USE GROUND SPRAYERS AND LEAVE AN UNSPRAYED MARGIN OF 15 M AROUND THE BORDER OF ALL SLOUGHS.

Apply in weather conditions that will not promote drift. Suggested conditions for good aerial application are moderate temperatures (less than 25°C), humidity (greater than 40%), and wind 3.5-9 kph. Do not apply in dead calm conditions or when temperature inversion is likely (e.g. evening when warm air is rising from crop or morning when sunshine warms the soil and air rises from the field). To avoid spray drift, use flat fan or hollow cone nozzles, and a pressure of 150-200 kPa, with the nozzles pointed back 130°-180°. REGLO-JET (TM) nozzles are available from Zeneca Agro for aerial application. Apply REGLONE PRO in at least 45 L/ha water.

CROPS - ADDITIONAL NOTES

Potato-Vine Killing

REGLONE PRO is an effective vine killer for seed, processing and table potatoes. Leaf kill is rapid (3-4 days) with kill of stems taking place gradually (10-14 days), providing an effect that approximates natural maturity. REGLONE PRO also dessicates weeds that may be present, thereby speeding and easing harvesting operations. By stopping the growth of potato tops, the incidence of tuber rot is greatly reduced.

Spray at least two weeks before harvest. 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 late in the season in part or all of a field if growth has been delayed for any reason during the growing period.

For planned single applications, use the 1.5 L per hectare rate only if the top growth is fully mature and naturally senescing, and if there are few weeds present. The 1.5 L per hectare rate may require more than 10 to 14 days to give a complete kill. Use higher rates within the recommended range if vine growth is heavy, if the crop is in an early stage of maturity or if the crop is weedy. Refer to the "Guidance for Choice of Rate" section on full label for additional information on how to choose the appropriate rate within the range.

In split applications, use the higher rate in the first application if vines are dense or immature. The first application should be made

at normal top killing time, followed by the second application 4 to 6 days later.

Do not apply REGLONE PRO during drought periods, particularly when the soil is so dry that the tops wilt during the day. After such drought conditions, wait for at least three days after the soil has been thoroughly moistened by rain or irrigation. Do not use REGLONE PRO if tops have been damaged by a roto-beater or other similar mechanical top beater.

A fungicide may be added to the spray mixture. If doing so, use the highest recommended water volume and apply immediately after mixing.

REGLONE PRO may be applied by aircraft or ground sprayer. In all situations, thorough coverage of the foliage is essential for good vine killing and weed dessication.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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