

[Bag Label]

GROUP	2	HERBICIDE
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ELIM® EP Herbicide

25% DRY FLOWABLE

WETTABLE GRANULES

REGISTRATION NO. 23518 PEST CONTROL PRODUCTS ACT

FOR SALE FOR USE ON FIELD CORN AND OPTIMUM™ GAT™ SOYBEANS IN EASTERN CANADA
AND THE RED RIVER VALLEY REGION OF MANITOBA

AGRICULTURAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE: Rimsulfuron 25%

WARNING - EYE IRRITANT

NET CONTENTS: 480 GRAMS
(8 x 60 gram water soluble bags)

Do not sell water soluble bags separately.

Production Agriscience Canada Company
P. O. Box 730
7398 Queen's Line
Chatham, Ontario
N7M 5L1
519-352-6350

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

WARNING - EYE IRRITANT

Avoid breathing spray mist.

Avoid contact with skin, eyes and clothing.

Do not contaminate any body of water.

DO NOT APPLY BY AIR

Mixers, loaders and applicators must wear a long-sleeved shirt, long pants, and chemical resistant gloves (gloves not required for groundboom sprayers).

ENVIRONMENTAL HAZARDS

- TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.
- TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.
- The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

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 the U.S., visit CropLife Canada's web site at: www.croplife.ca.

FIRST AID:

INHALATION:

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.

EYE CONTACT:

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.

SKIN OR CLOTHING

CONTACT:

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.

INGESTION:

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.

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

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed. Keep water soluble bags in original outer bag away from moisture.

DISPOSAL:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

®™ Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners.

[Water Soluble Bag]

ELIM® EP HERBICIDE

25% DRY FLOWABLE

WETTABLE GRANULES

KEEP OUT OF REACH OF CHILDREN

SEE DIRECTIONS FOR USE BOOKLET FOR
COMPLETE PRECAUTIONARY STATEMENTS

GUARANTEE: Rimsulfuron 25%

NET CONTENTS: 60 GRAMS

WARNING: EYE IRRITANT

[DFU Pamphlet]

GROUP	2	HERBICIDE
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ELIM® EP HERBICIDE

25% DRY FLOWABLE

WETTABLES GRANULES

REGISTRATION NO. 23518 PEST CONTROL PRODUCTS ACT

FOR SALE FOR USE ON FIELD CORN AND OPTIMUM™ GAT™ SOYBEANS IN EASTERN CANADA
AND THE RED RIVER VALLEY REGION OF MANITOBA

AGRICULTURAL

READ THE LABEL AND THIS BOOKLET BEFORE USING

GUARANTEE: Rimsulfuron 25%

WARNING - EYE IRRITANT

Do not sell water soluble bags separately.

Production Agriscience Canada Company
P. O. Box 730
7398 Queen's Line
Chatham, Ontario
N7M 5L1
519-352-6350

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

WARNING – EYE IRRITANT

Avoid breathing spray mist.

Avoid contact with skin, eyes and clothing.

Do not contaminate any body of water.

DO NOT APPLY BY AIR

Mixers, loaders and applicators must wear a long-sleeved shirt, long pants, and chemical resistant gloves (gloves not required for groundboom sprayers).

IMPORTANT

Injury to or loss of desirable trees or vegetation may result from failure to observe the following: Do not apply or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants. Do not contaminate any body of water, including irrigation water. Keep from contact with fertilizers, insecticides, fungicides and seeds.

APPLY ELIM® EP Herbicide 25% Dry Flowable WITH A RECOMMENDED SURFACTANT.

DO NOT APPLY BY AIR.

Do not handle pesticides with bare hands. Chemical-resistant gloves significantly reduce hand exposure. Wear a long-sleeved shirt, long pants, a hat and enclosed boots during all activities. When handling the concentrate wear the previously mentioned clothing, chemical resistant gloves and goggles or a face shield. If ventilation is not adequate, wear an appropriate pesticide respirator.

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

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 the U.S., visit CropLife Canada's web site at: www.croplife.ca.

FIRST AID:

INHALATION: 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.

EYE CONTACT: 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.

SKIN OR CLOTHING

CONTACT: 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

INGESTION: 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.

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

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically.

GENERAL INFORMATION:

ELIM® EP Herbicide 25% Dry Flowable is a dry flowable granular formulation to be mixed in water and applied either pre- or post-emergence to field corn in Eastern Canada and the Red River Valley region of Manitoba for control of annual grasses, quackgrass, redroot pigweed, and lamb's quarters. ELIM® EP Herbicide 25% Dry Flowable can safely be applied pre-emergent to Optimum™ GAT™ Soybeans. ELIM® EP Herbicide 25% Dry Flowable is non-corrosive, non-flammable, non-volatile, and does not freeze. ELIM® EP Herbicide 25% Dry Flowable is pre-packaged in water-soluble bags; each 60 gram water-soluble bag treats 1 hectare. Use gloves when handling the water-soluble bags. Reseal unused water-soluble bags into outer bag when not in use. Keep water-soluble bags away from excess moisture or physical damage during storage and prior to mixing in the spray tank. Do not reuse outer bag.

DIRECTIONS FOR USE:

- Rimsulfuron can be formulated as wettable granules sealed within a water-soluble package (WSP). Drop intact WSP directly into spray tank. The WSP and pesticide will dissolve readily in water.
- Do not allow the WSP to become wet prior to use. Do not handle individual WSP with wet hands or wet gloves as this may cause breakage. Do not remove WSP from over-wrap container except for immediate use.
- Do not open water-soluble bags or attempt to remove the contents from them. The contents are not designed to be re-measured or subdivided.
- Do not use opened or punctured WSP.
- If broken WSP is found when the over-wrap bag is opened, avoid contact with, and inhalation of the product. Handle with chemical-resistant gloves and dispose of broken WSP according to the DISPOSAL section.

ENVIRONMENTAL HAZARDS

- TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.
- TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.
- The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

- A rapid fluctuation in temperature (greater than 20 deg C difference within 24-36 hours) will stress the corn crop. For maximum crop safety, allow 48-72 hours for the corn to acclimatize before spraying ELIM® EP Herbicide 25% Dry Flowable.
- For ELIM® EP Herbicide 25% Dry Flowable used alone or in a tank mix, apply ONLY when the temperature in the 24 hours before AND after application ranges between 5 deg C and 28 deg C. Temperatures beyond this range increase the potential for crop injury. Separate applications of ELIM® EP Herbicide 25% Dry Flowable followed by a broadleaf herbicide (minimum 12 hours later) will reduce the potential for injury.

- Ensure that the boom is set at the proper height in relation to the corn plants to apply ELIM® EP Herbicide 25% Dry Flowable accurately and uniformly, and to AVOID excessive application into the corn whorl.
- **WARNING:** Crop injury may result if application is made to corn that has been stressed by abnormally hot, humid or cold weather conditions, frost, low fertility, drought, water saturated soil, compacted soil, previous pesticide applications, disease or insect damage. If corn has been injured by frost, wait 48-72 hours before applying ELIM® EP Herbicide 25% Dry Flowable.
- When tank mixing ELIM® EP Herbicide 25% Dry Flowable with a broadleaf herbicide, always read the broadleaf herbicide label before using and follow all precautions.
- When a tank mixture is used, consult the labels of the tankmix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.
- ELIM® EP Herbicide 25% Dry Flowable rapidly stops growth of susceptible species; typical symptoms usually appear within 5-7 days, but may not be noticeable for 2-3 weeks after application, depending on growing conditions and weed susceptibility.
- Warm, moist conditions following application promote the activity of ELIM® EP Herbicide 25% Dry Flowable, while cool and/or dry conditions may reduce or delay activity. Weeds hardened off by cold weather or drought stress may not be controlled.
- Weed control may be reduced if corn canopy has closed over the weeds, intercepting the spray.
- Do not re-enter treated fields until 12 hours after application.
- Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.
- **DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.
- **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application:

- **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty.
- **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification.
- **DO NOT** apply by air.

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, rangelands, riparian areas and 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	Buffer Zones (metres) Required for the Protection of:		
	Terrestrial Habitat	Aquatic habitats of water depths:	
		< 1 m	> 1 m
Field sprayer*	5	1	1

* For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled buffer zone can be reduced by 30%.
 When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

CORN HYBRID SENSITIVITY

Corn hybrids with corn-heat-unit (CHU) ratings of 2500 or less have shown some sensitivity to ELIM® EP HERBICIDE 25% DRY FLOWABLE. DO NOT APPLY ELIM® EP HERBICIDE 25% DRY FLOWABLE POST-EMERGENT ON CORN HYBRIDS WITH CHU RATINGS OF 2500 OR LESS OR IN GEOGRAPHIC REGIONS HAVING 2500 OR LESS AVERAGE SEASONAL CORN HEAT UNITS. ELIM® EP HERBICIDE 25% DRY FLOWABLE MAY BE APPLIED PRE-EMERGENT ON CORN HYBRIDS WITH CHU RATINGS OF 2500 OR LESS AND IN GEOGRAPHIC REGIONS HAVING 2500 OR LESS AVERAGE SEASONAL CORN HEAT UNITS

Corn hybrids of 2550 CHU or greater that have shown considerable crop injury from applications of ELIM® EP Herbicide 25% Dry Flowable are listed below. ELIM® EP Herbicide 25% Dry Flowable should not be sprayed for weed control in fields planted with these hybrids.

- PIONEER* Brand 3897
- PIONEER* Brand 3936
- PIONEER* Brand 3941
- MAX 78
- G-4120
- G-4034
- G-4160
- Pickseed 2525

Do not use on sweet corn. Do not use on seed corn.

ELIM® EP HERBICIDE 25% DRY FLOWABLE_USED ALONE IN EASTERN CANADA ONLY

SPRAY ADJUVANTS

ELIM® EP Herbicide 25% Dry Flowable must be applied with a recommended non-ionic surfactant, either CITOWETT* PLUS, AGRAL* 90 or AG-SURF* at 2 L per 1000 L spray solution (0.2% v/v).

PRE-EMERGENT APPLICATION

Apply ELIM® EP Herbicide 25% Dry Flowable at 60 grams/ha as a broadcast spray, before crop or weed emergence (for weeds listed below). Pre-emergent application of ELIM® EP Herbicide 25% Dry Flowable will control the following weeds:

Barnyard Grass
 Large (Hairy) Crabgrass†

Green Foxtail
 Yellow Foxtail†

†Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

POST-EMERGENT APPLICATION

Apply ELIM® EP Herbicide 25% Dry Flowable at 60 grams/ha as a broadcast spray, with a recommended surfactant to corn and weeds according to the following chart:

POST-EMERGENT RATES AND TIMING

CROP OR WEED	LEAF STAGING AT APPLICATION
Corn	spike-3 leaves (2 visible collars or 20 cm in height - leaf extended) See diagram below.
Annual Grasses	1-4 leaves (up to early tillering)
Quackgrass	Apply to actively growing shoots in the 3 to 6 leaf (< 25 cm leaf extended) stage.
Redroot Pigweed and Lamb's-quarters	2-4 leaves (5 - 10 cm tall or across)

CORN LEAF STAGING

(diagram of 3 leaf corn)

Apply ELIM® EP Herbicide 25% Dry Flowable from the spike to 3 leaf stage (2 visible collars or 20 cm in height - leaf extended).

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

If using ELIM® EP Herbicide 25% Dry Flowable with a tank mix partner, refer to the section on TANK MIX INSTRUCTIONS below for correct timing.

WEEDS CONTROLLED BY 60 GRAMS PER HECTARE

Barnyard Grass
 Fall Panicum
 Old Witchgrass

Lambs-quarters†
 Redroot Pigweed (including triazine resistant)
 Quackgrass¹

Yellow Foxtail†
 Green Foxtail

† Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

SPECIFIC WEED CONTROL RECOMMENDATIONS

¹ Quackgrass - Apply ELIM® EP Herbicide 25% Dry Flowable with a recommended surfactant post-emergence when the majority of the quackgrass shoots are actively growing and in the 3 to 6 leaf stage (< 25 cm - leaf extended). Application to quackgrass prior to the 3 to 6 leaf stage may result in reduced weed control since the majority of shoots may not have emerged.

NOTE: Annual grasses and pigweed are most sensitive when small and actively growing.

TANK MIX INSTRUCTIONS FOR USE IN EASTERN CANADA ONLY

GENERAL INFORMATION

If the correct leaf stage of annual grasses or quackgrass does not coincide with the correct leaf stage of broadleaf weeds, separate applications of ELIM® EP Herbicide 25% Dry Flowable and the broadleaf herbicide tankmix partner(s) are required. Refer to the broadleaf herbicide tank mix partner(s) labels for the correct timing and rates for use on their own.

ELIM® EP Herbicide 25% Dry Flowable alone or in a tank mixture, must not be applied after the 3-leaf stage (2 visible collars or 20 cm in height - leaf extended) of corn.

ELIM® EP Herbicide 25% Dry Flowable + BANVEL* Herbicide

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with BANVEL* Herbicide to control annual grasses, quackgrass and many broadleaf weeds. Tank mix 60 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 625 mL/ha of BANVEL* Herbicide with a non-ionic surfactant at 0.2% v/v (2 L/1000 L) and apply post-emergence to corn from spike up to the 3 leaf stage (2 visible collars or 20 cm in height - leaf extended). This tank mixture will control the weeds as listed for control by ELIM® EP Herbicide 25% Dry Flowable alone, plus the weeds listed on the BANVEL* Herbicide label. Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable. Refer to the BANVEL® Herbicide label for weeds controlled by BANVEL* Herbicide and consult the label for additional application instructions and use precautions.

ELIM® EP Herbicide 25% Dry Flowable + DUAL* II MAGNUM™ Herbicide + one of BANVEL* II Herbicide (Dicamba 480 g/L) or BANVEL* DRY Herbicide (Dicamba 70%)

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with DUAL* II MAGNUM™ Herbicide + either one of BANVEL II Herbicide (Dicamba 480 g/L) or BANVEL Dry Herbicide (Dicamba 70%) to control annual grasses and many broadleaf weeds.

For pre-emergent application, tank mix 60 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 0.75 L/ha of DUAL* II MAGNUM™ Herbicide and either 0.75 L/ha of BANVEL II Herbicide (Dicamba 480 g/L) or 514 g/ha of BANVEL Dry Herbicide (Dicamba 70%).

For post-emergent application, tank mix 50 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 0.625 L/ha of DUAL* II MAGNUM™ Herbicide and either 0.625 L/ha of BANVEL II Herbicide (Dicamba 480 g/L) or 429 g/ha of BANVEL Dry Herbicide (Dicamba 70%).with a non-ionic surfactant,

either Citowett* Plus, Agral* 90 or Ag-Surf*, at 0.2% v/v (2 L/1000 L of spray solution). Apply up to the 3-leaf stage (2 visible collars or 20 cm in height - leaf extended).

This tank mixture will control the weeds listed below:

Application Timing	Grass Species	Broadleaf Species	
Pre-emergence ELIM® EP Herbicide 25% Dry Flowable @ 60 g/ha + DUAL* II MAGNUM Herbicide @ 0.75 L/ha + BANVEL* II (dicamba 480 g/L) Herbicide @ 0.75 L/ha, or BANVEL Dry (dicamba 70%) Herbicide @514 g/ha	Green Foxtail Large (hairy) Crabgrass Smooth Crabgrass Fall Panicum Yellow Foxtail [†] Quackgrass ^{†2}	Redroot Pigweed Lamb's Quarters Common Ragweed Eastern Black Nightshade Lady's-Thumb	
Post-emergence (up to 3-leaf stage for corn) ELIM® EP Herbicide 25% Dry Flowable @ 50 g/ha + DUAL* II MAGNUM Herbicide @ 0.625 L/ha + BANVEL* II (dicamba 480 g/L) Herbicide @ 0.625 L/ha, or BANVEL Dry (dicamba 70%) Herbicide @429 g/ha	Large (Hairy) Crabgrass Yellow Foxtail Green Foxtail Barnyard Grass Fall Panicum Old Witchgrass Quackgrass ^{†2}	Tartary Buckwheat Wild Buckwheat Cleavers Cow Cockle Corn Spurry Lady's Thumb Lamb's Quarters Hare's-ear Mustard Indian Mustard Tumble Mustard	Wild Mustard Wormseed Mustard Eastern Black Nightshade Redroot Pigweed Common Ragweed False Ragweed Giant Ragweed Green Smartweed Velvetleaf Russian Pigweed

† Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

²This tank mixture will provide season-long suppression* of Quackgrass. Apply when quackgrass is in the 1-6 leaf stage.

Consult the DUAL* II MAGNUM™ and BANVEL* II (Dicamba 480 g/L) Herbicide labels for additional use precautions, application instructions and cropping restrictions. Refer to the "ELIM® EP HERBICIDE 25%

DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable.

ELIM® EP HERBICIDE 25% DRY FLOWABLE + DUAL* II MAGNUM* + one of BANVEL* II Herbicide or BANVEL* DRY Herbicide (Dicamba 70%) WITH 28% UAN SOLUTION AS A CARRIER.

Apply ELIM EP Herbicide 25% Dry Flowable at 60 grams per hectare, with Dual II Magnum at 0.75 L per hectare and either one of Banvel II Herbicide at 0.75 L/ha or BANVEL Dry Herbicide at 514 g/ha, in 400 L/ha of 28 % Urea Ammonium Nitrate solution. This treatment must be applied preemergence to the corn crop to control:

Redroot Pigweed	Lamb's Quarters	Common Ragweed
Large (Hairy) Crabgrass	Yellow Foxtail †	Green Foxtail

† Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

Do not add ELIM EP HERBICIDE 25% DRY FLOWABLE in water soluble bags directly to 28 % UAN.

Consult the DUAL* II MAGNUM™ and BANVEL* II (Dicamba 480 g/L) or BANVEL* Dry (dicamba 70%) Herbicide labels for additional use precautions, application instructions and cropping restrictions.

ELIM® EP Herbicide 25% Dry Flowable + DUAL* II MAGNUM™ Herbicide + Callisto 480SC Herbicide

For post-emergent application, tank-mix 50 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 0.625 L/ha of DUAL* II MAGNUM™ Herbicide and 0.21 L/ha of Callisto 480SC Herbicide with a non-ionic surfactant at 0.2% v/v (2 L/1000 L of spray solution). Apply up to the 3-leaf stage (2 visible collars or 20 cm in height – leaf extended).

This tank mixture will control the weeds listed below:

Grass Species	Broadleaf Species
Large (hairy) Crabgrass	Redroot pigweed
Yellow Foxtail	Eastern black nightshade
Green Foxtail	Common ragweed*
Barnyard Grass	Lamb's quarters
Fall Panicum	Velvetleaf
Old Witchgrass	
Quackgrass†	

† season-long suppression at 1-6 leaf stage

* Suppression

Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable. Consult the DUAL* II MAGNUM™ and Callisto 480SC Herbicide labels for additional use precautions, weed staging, application instructions and cropping restrictions.

ELIM® EP Herbicide 25% Dry Flowable + GLYPHOSATE Herbicide in Glyphosate Tolerant Corn:

For residual control of green foxtail, redroot pigweed and fall panicum and suppression of lamb's quarters, apply ELIM EP Herbicide 25% Dry Flowable at 50 grams per hectare plus glyphosate (present as potassium salt, isopropylamine salt, or di-ammonium salt) at 900 g ae/ha.

Apply when corn is in the spike to 6-leaf stage. This tank-mix will provide residual control until crop canopy closure. USE THIS TANK MIXTURE ONLY ON GLYPHOSATE TOLERANT CORN. Consult the respective glyphosate herbicide label for use precautions and other weeds controlled by the glyphosate herbicide.

ELIM® EP Herbicide 25% Dry Flowable + GLYPHOSATE Herbicide + Atrazine in Glyphosate Tolerant Corn:

For residual control of lamb's-quarters, apply ELIM EP Herbicide 25% Dry Flowable at 50 grams per hectare plus glyphosate (present as potassium salt, isopropylamine salt, or di-ammonium salt) at 900 g ae/ha plus an approved atrazine herbicide from the table below.

Apply when corn is in the spike to 6-leaf stage. This tank mix will provide residual control until crop canopy closure. USE THIS TANK MIXTURE ONLY ON GLYPHOSATE TOLERANT CORN. Consult the respective glyphosate herbicide and atrazine herbicide labels for use precautions and other weeds controlled by the glyphosate and atrazine herbicide.

Approved Atrazine	Rate
Aatrex Liquid 480 Herbicide	1.04 L/ha

ELIM® EP Herbicide 25% Dry Flowable + MARKSMAN* Herbicide:

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with MARKSMAN* Herbicide to control annual grasses, quackgrass and many broadleaf weeds. Tank mix 60 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 2.5 L/ha of MARKSMAN* Herbicide with a non-ionic surfactant at 0.2% v/v (2 L/1000 L) and apply post-emergence to corn from the spike to 3 leaf stage (2 visible collars or 20 cm in height - leaf extended) when annual grassy weeds are in the 1 to 4 leaf stage, quackgrass is in the 3 to 6 leaf stage (<25 cm leaf extended) and broadleaf weeds are in the 2 to 4 leaf stage (see previous table on "POST-EMERGENT RATES AND TIMING"). This tank mixture will control the weeds as listed for control by ELIM® EP Herbicide 25% Dry Flowable alone, plus:

Yellow Foxtail	Velvetleaf	Ragweed	Lamb's Quarters
Lady's Thumb	Eastern Black Nightshade		

Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable. Consult the MARKSMAN* Herbicide label for additional application instructions and use precautions.

ELIM® EP Herbicide 25% Dry Flowable + PROWL* Herbicide

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with PROWL* Herbicide to control annual grasses and some broadleaf weeds. Tank mix 50 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 2.5 L/ha of PROWL* Herbicide with a non-ionic surfactant at 0.2% v/v (2 L/1000 L) and apply post-emergence to corn from the spike to 3 leaf stage (2 visible collars or 20 cm in height - leaf extended).

This tank mixture will control the annual weeds as listed for control by ELIM® EP Herbicide 25% Dry Flowable alone plus the following:

Yellow Foxtail	Crabgrass
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Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of the label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable. Consult the PROWL* Herbicide label for additional application instructions, use precautions and cropping restrictions. If adequate rainfall is not received within 7-10 days after application, a shallow inter-row cultivation may be required for activation of PROWL* Herbicide. If adequate rainfall is not received and inter-row cultivation is not performed, weed control may be reduced.

ELIM® EP HERBICIDE 25% DRY FLOWABLE + PROWL* HERBICIDE + BANVEL* HERBICIDE

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with PROWL* Herbicide and BANVEL* Herbicide to control annual grasses and many broadleaf weeds. Tank mix 50 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 2.5 L/ha of PROWL* Herbicide and 625 mL/ha of BANVEL* Herbicide with a non-ionic surfactant at 0.2% v/v (2 L/1000 L) and apply post-emergence to corn from the spike up to the 3 leaf stage (2 visible collars or 20 cm in height - leaf extended).

This tank mixture will control the weeds as listed for control by the ELIM® EP HERBICIDE 25% DRY FLOWABLE + PROWL* Herbicide tank mix, the weeds listed on the BANVEL* Herbicide label (at the 625 mL/ha use rate), plus the following:

Yellow Foxtail

Crabgrass

Eastern Black Nightshade

Consult the BANVEL* Herbicide label for weeds controlled, and additional use precautions. Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable. Consult the PROWL* Herbicide label for additional application instructions, use precautions, and cropping restrictions. If adequate rainfall is not received within 7-10 days after application, a shallow inter-row cultivation may be required for activation of PROWL* Herbicide. If adequate rainfall is not received and inter-row cultivation is not performed, weed control may be reduced.

PRE-EMERGENT APPLICATION IN OPTIMUM™ GAT™ SOYBEANS (EASTERN CANADA AND THE RED RIVER VALLEY REGION OF MANITOBA)

ELIM EP Herbicide 25% Dry Flowable is recommended for selective weed control in Optimum® GAT® soybean varieties. Optimum® GAT® soybean varieties are tolerant of glyphosate and rimsulfuron, the active ingredient in ELIM EP Herbicide 25% Dry Flowable. Always use pedigreed (i.e. certified) Optimum® GAT® soybean varieties. Soybeans which are not designated as Optimum® GAT® may be damaged or destroyed by this treatment.

Apply ELIM® EP Herbicide 25% Dry Flowable at 60 grams/ha as a broadcast spray, before crop or weed emergence (for weeds listed below). Pre-emergent application of ELIM® EP Herbicide 25% Dry Flowable will control the following weeds:

Barnyard Grass

Green Foxtail

Large (Hairy) Crabgrass†

Yellow Foxtail†

†Suppression only. Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

<p>NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:</p>
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The DIRECTIONS FOR USE for this product for the use described below were developed by persons other than Production Agriscience Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Production Agriscience Canada Company itself makes no representation or warranty with respect to product performance (efficacy) and crop tolerance (phytotoxicity) of this product when used on the crops listed. Accordingly, the User assumes all liability arising, and agrees to hold Production Agriscience Canada Company harmless from any claims based on efficacy or phytotoxicity in connection with this use.

FOR USE ON FIELD CORN IN THE RED RIVER VALLEY REGION OF MANITOBA FOR THE CONTROL OF ANNUAL GRASSES AND BROADLEAF WEEDS

ELIM® EP Herbicide 25% Dry Flowable + DUAL* II MAGNUM™ Herbicide + BANVEL* II Herbicide (Dicamba 480 g/L)

ELIM® EP Herbicide 25% Dry Flowable may be tank mixed with DUAL* II MAGNUM™ Herbicide + BANVEL II Herbicide (Dicamba 480 g/L) to control annual grasses and many broadleaf weeds.

For pre-emergent application, tank mix 60 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 0.75 L/ha of DUAL* II MAGNUM™ Herbicide and 0.75 L/ha of BANVEL II Herbicide (Dicamba 480 g/L).

For post-emergent application, tank mix 50 grams/ha of ELIM® EP Herbicide 25% Dry Flowable and 0.625 L/ha of DUAL* II MAGNUM™ Herbicide and 0.625 L/ha of BANVEL II Herbicide (Dicamba 480 g/L) with a non-ionic surfactant either Citowett* Plus, Agral* 90 or Ag-Surf*, at 0.2% v/v (2 L/1000 L of spray solution). Apply up to the 3-leaf stage (2 visible collars or 20 cm in height - leaf extended). Read and follow the section of the label entitled "CORN HYBRID SENSITIVITY" when considering a post-emergent application.

This tank mixture will control or suppress the weeds listed for this tank mix in the "TANK MIX INSTRUCTIONS FOR USE IN EASTERN CANADA ONLY" section of this label.

Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

Consult the DUAL* II MAGNUM™ and BANVEL* II (Dicamba 480 g/L) Herbicide labels for additional use precautions, application instructions and cropping restrictions. Refer to the "ELIM® EP HERBICIDE 25% DRY FLOWABLE USED ALONE" section of this label for more application instructions and restrictions on the use of ELIM® EP Herbicide 25% Dry Flowable.

Field corn, winter wheat and spring barley may be planted the year following application of ELIM EP Herbicide 25% Flowable. For all other crops, a field bioassay is recommended before planting. ELIM EP Herbicide 25% Flowable is more persistent in sandy soils, with low organic matter and pH 7 or higher. For these types of soils, a field bioassay is recommended before planting. Please contact your local Production Agriscience Canada Company representative or the Production Agriscience Canada Company Hotline at 1-800-667-3852 for more information.

Rain is required within 10 days of application or a shallow cultivation or use of a rotary hoe is necessary.

MIXING INSTRUCTIONS

MIXING INSTRUCTIONS FOR ELIM® EP HERBICIDE 25% DRY FLOWABLE + DUAL* II MAGNUM* + EITHER BANVEL* II OR BANVEL* DRY WITH 28% UAN SOLUTION AS A CARRIER:

1. Mix the required amount of ELIM® EP Herbicide 25% Dry Flowable in sufficient water in a bucket to prepare a slurry and dissolve the water soluble bags. NOTE: Ensure that the water soluble bags are completely dissolved, or an insoluble material may be formed when added to the 28 % UAN in the sprayer tank.
2. Fill sprayer tank about half full with 28% UAN solution and turn on agitator.
3. Slowly add the ELIM® EP Herbicide 25% Dry Flowable slurry to the sprayer tank, while continuing agitation.
4. After ELIM® EP Herbicide 25% Dry Flowable has been well mixed and is in suspension, add the required amount of Dual* II Magnum* and Banvel* II or BANVEL Dry.
5. Add the remaining 28 % UAN solution with the agitator running.
6. A surfactant is not required for this treatment.

On repeat tank loads, ensure that the amount of spray solution left in the tank from the previous load is less than 10% of the volume about to be mixed.

Agitation is required for uniform mixing and application. Use spray preparation of ELIM® EP Herbicide 25% Dry Flowable within 24 hours or product degradation may occur resulting in a loss of weed control. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank.

MIXING INSTRUCTIONS FOR ALL OTHER TANK MIXES:

1. Fill clean tank about 1/4 full with fresh water.
2. Turn on full agitation.
3. Add the proper amount of ELIM® EP Herbicide 25% Dry Flowable to the water in the spray tank with the agitator running. Maintain full agitation until water-soluble bags are completely dissolved and product is fully dispersed. Continuous agitation is required to keep the product in suspension.
4. After ELIM® EP Herbicide 25% Dry Flowable has been well mixed and is in suspension, add the proper amount (if applicable) of the tank mix partner to the spray tank with the agitator running.
5. After ELIM® EP Herbicide 25% Dry Flowable (and tank mixed herbicide if applicable) has been well mixed and is in suspension, add a recommended non-ionic surfactant such as CITOWETT* PLUS, AGRAL* 90, or AG-SURF* at 2 L per 1000 L spray solution (0.2 % v/v).
6. Fill the remainder of the spray tank.

On repeat tank loads, ensure that the amount of spray solution left in the tank from the previous load is less than 10% of the volume about to be mixed.

Agitation is required for uniform mixing and application. The optimum water volume for ELIM® EP Herbicide 25% Dry Flowable application is 140 - 190 litres of water per hectare (minimum of 100 litres of water per hectare). Use a spray pressure of 175 - 275 kPa. Flat fan nozzles are recommended. Use 50

mesh filter screens or larger. Use spray preparation of ELIM® EP Herbicide 25% Dry Flowable within 24 hours or product degradation may occur resulting in a loss of weed control. Use vigorous agitation to thoroughly disperse spray mixtures that have been allowed to stand in the tank.

NOTE: ELIM® EP Herbicide 25% Dry Flowable will degrade in acidic or highly alkaline water. Mix no more than can be used in one day. If spraying is interrupted, thoroughly re-agitate the spray mixture before resuming spraying.

NOTE: Do not mix the soluble bags with liquid fertilizers, substances that contain boron or substances that release free chlorine. Mixing the water soluble bags with any of these compounds will result in an insoluble substance in the tank.

SPRAYER CLEANUP

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of ELIM® EP Herbicide 25% Dry Flowable as follows:

1. Drain tank; thoroughly hose down the interior surfaces of the tank; then flush tank, boom and hoses with clean water for a minimum of 5 minutes.
2. Fill the tank with clean water while adding one litre of household ammonia (containing a minimum of 3% ammonia) for every 100 litres of water. Flush the hoses, boom and nozzles with the cleaning solution and then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Again flush the hoses, boom and nozzles with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2.
5. Thoroughly rinse the tank with clean water for a minimum of 5 minutes, flushing the water through the hoses and boom.
6. PRIOR to using the sprayer for the next application, flush the tank, boom and hoses for 5 minutes with fresh water.

CAUTION: DO NOT mix ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour which may cause eye, nose, throat and lung irritation. DO NOT clean equipment in an enclosed area.

USE OF INSECTICIDES

For maximum crop safety, ELIM® EP Herbicide 25% Dry Flowable should be applied only to corn which has NOT been treated with a highly systemic organophosphorus soil insecticide, such as COUNTER*, THIMET*, or DI-SYSTON*. Application of ELIM® EP Herbicide 25% Dry Flowable to corn previously treated with FORCE* (pyrethroid) or FURADAN* (carbamate) Insecticide will allow maximum crop safety. DO NOT tank mix ELIM® EP Herbicide 25% Dry Flowable with any organophosphorus insecticide. DO NOT apply a foliar organophosphorus insecticide within 7 days before or after applying ELIM® EP Herbicide 25% Dry Flowable.

REPLANTING TO OTHER CROPS

ELIM® EP Herbicide 25% Dry Flowable is degraded by natural soil processes, and field tests have shown that the following crops may safely be planted at the prescribed interval following corn that has been treated with ELIM® EP Herbicide 25% Dry Flowable.

CROP	REPLANTING INTERVAL
Winter Wheat	4 months
Spring Barley, Canola, Soybeans, White Beans, Red Clover, Sorghum, Field Corn	10 months

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

FIELD BIOASSAY

Select a representative area or areas of the field previously treated with ELIM® EP Herbicide 25% Dry Flowable to plant your bioassay crop(s). Be sure to consider factors such as size of field, soil texture, drainage and turn-around areas when selecting the site(s) that are most representative of the soil conditions in the field. On large fields, more than one site may be needed in order to obtain reliable results.

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

Use standard tillage and seeding equipment to plant the bioassay. Prepare a seed bed and plant the crops and varieties you want the option of growing the following year. It is important to use the same planting time, conditions, techniques and cultural practices you normally use to plant and grow the bioassay crop(s). Also plant into an adjacent area not treated with ELIM® EP Herbicide 25% Dry Flowable to use as a comparison.

As the crop(s) emerges and grows, examine these key points in ELIM® EP Herbicide 25% Dry Flowable treated and non-treated areas:

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

Allow the bioassay crop(s) to grow to maturity while making your observations. Do not overspray the test strips with herbicides that may damage the bioassay crop(s). If the bioassay indicates that ELIM® EP Herbicide 25% Dry Flowable residues are still present, continue cropping only to those crops listed on the label and do not rotate to other crops until bioassay results indicate that susceptible crops are growing normally.

USE PRECAUTIONS

Do not apply ELIM® EP Herbicide 25% Dry Flowable during periods of intense rainfall or to soils saturated with water. Do not apply directly to standing or running water. Do not apply in areas where surface water from the treatment site can run off to adjacent cropland, either planted or to be planted, or into streams, irrigation water or wells. Applications should only be made when there is no hazard of spray drift contaminating non-target land areas since very small quantities of the ELIM® EP Herbicide 25% Dry Flowable spray solution may severely injure susceptible crops during both growing and dormant periods.

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

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

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

Rainfall within 2 to 4 hours after application of ELIM® EP Herbicide 25% Dry Flowable may reduce weed control.

Because corn hybrids differ in their tolerance to herbicides, limit first use of ELIM® EP Herbicide 25% Dry Flowable to a small area of each hybrid prior to adoption as a field practice.

Overspray or drift to important wildlife habitats such as ponds, wetlands, streams, woodlots and shelterbelts should be avoided. Leave a 10 metre buffer zone between the last spray swath and bodies of water or wetlands. Leave a 5 metre buffer zone between the last spray swath and the terrestrial habitats listed above.

ELIM® EP Herbicide 25% Dry Flowable must not be applied to field corn within 30 days of harvest.

CAUTION: Do not graze the treated field corn or soybeans or cut for hay; sufficient data are not available to support such use.

Do not enter or allow others to enter treated areas during the restricted entry interval of 12 hours after application.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, ELIM® EP Herbicide 25% Dry Flowable is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to ELIM® EP Herbicide 25% Dry Flowable and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- ◆ Where possible rotate the use of ELIM® EP Herbicide 25% Dry Flowable or other Group 2 herbicides with different herbicide groups that control the same weeds in a field.
- ◆ Use tank mixtures with herbicides from different groups 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 or to report suspected resistance, contact your local Production Agriscience Canada Company representative or the Production Agriscience Canada Company hotline at 1-800-667-3852.

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed. Keep water soluble bags in original outer bag away from moisture.

To prevent contamination store this product away from food or feed.

DISPOSAL:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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