

Container Label

GROUP	14	HERBICIDE
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**ERAGON® LQ**

Water-based suspension concentrate herbicide

**COMMERCIAL (AGRICULTURAL)**

FOR SALE FOR USE ON RASPBERRY AND BLACKBERRY IN EASTERN CANADA AND BRITISH COLUMBIA (EXCLUDING THE PEACE RIVER REGION), AND ON ALL OTHER LABELLED CROPS IN EASTERN CANADA ONLY

**ACTIVE INGREDIENT:** Saflufenacil..... 342 g/L

Warning, contains the allergen soy

Contains 1,2-benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one, each at 0.0043% **OR** 0.0113%, as preservatives

**OR**

Contains 2-bromo-2-nitropropane-1,3-diol at 0.024%, 1,2-benzisothiazolin-3-one at 0.04%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011% and 2-methyl-4-Isothiazolin-3-one at 0.00037%, as preservatives

**REGISTRATION NO. 31469**

**PEST CONTROL PRODUCTS ACT**

**POTENTIAL SKIN SENSITIZER**

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT  
1-800-454-2673**

NET CONTENTS: 0.5 – 1000 L, Bulk

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2nd Floor  
Mississauga, ON L4W 0B6  
1-877-371-2273

ERAGON is a registered trade-mark of BASF SE, used under license by BASF Canada Inc.

**PRECAUTIONS:** Please refer to the booklet for the complete list of precautions.

## **FIRST AID**

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

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

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

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

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS**

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

To reduce run-off 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 run-off may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

## **STORAGE**

1. Store this product away from food or feed.
2. Protect from freezing. If this product has been stored where freezing temperatures have occurred, thaw the product completely at room temperature, then shake well before use.
3. Store in original container with the lid tightly closed, in a cool, secure, well-ventilated area.

## **DISPOSAL**

### **Recyclable Containers**

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

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

### **Returnable Containers**

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### **Refillable Containers**

For disposal, this empty 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.

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

## **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.

Booklet

GROUP

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Contains 2-bromo-2-nitropropane-1,3-diol at 0.024%, 1,2-benzisothiazolin-3-one at 0.04%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011% and 2-methyl-4-Isothiazolin-3-one at 0.00037%, as preservatives

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## 1.0 GENERAL INFORMATION

**ERAGON LQ** is a water-based suspension concentrate herbicide for broadleaf weed control.

**ERAGON LQ** is rapidly absorbed by root and foliar uptake; once absorbed it exhibits mobility in plants. **ERAGON LQ** is a potent inhibitor of protoporphyrinogen oxidase (PPO). Cell membrane damage induced by inhibition of PPO leads to plant death. Susceptible weeds develop injury symptoms within hours of application under active growing conditions; plant death occurs within 3 to 5 days depending upon growing conditions.

**ERAGON LQ** is recommended for pre-plant and pre-emergent applications in corn, soybeans and cereals for burndown of broadleaf weeds. **ERAGON LQ** may also be used as a harvest aid in soybeans, dry beans and canola and as a pre-harvest weed management treatment in wheat, barley and triticale. For control of emerged broadleaf weeds, **ERAGON LQ** may be applied as a banded application directed to the base of raspberry and blackberry prior to the plants breaking winter dormancy.

**ERAGON LQ** does not control grass weeds. An appropriate pre-emergent or post-emergent grass herbicide must be tank mixed with **ERAGON LQ** for broad spectrum weed control.

**ERAGON LQ** is a broad spectrum weed resistance management tool for activity on a range of broadleaf weeds.

## 2.0 PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **POTENTIAL SKIN SENSITIZER.** DO NOT take internally. Harmful if swallowed.
3. Avoid contact with skin, eyes or clothing.
4. Avoid inhalation of vapor or spray. Use with adequate ventilation.
5. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.
6. Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab.

Custom handlers treating corn fields must wear chemical resistant coveralls over long-sleeved shirt, long pants and chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Custom applicators performing mixing, loading, and application must use a closed mixing/loading system.

7. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.

8. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

### **3.0 FIRST AID**

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

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

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

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

### **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

### **4.0 ENVIRONMENTAL PRECAUTIONS**

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

To reduce run-off 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 run-off may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

### **5.0 STORAGE**

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## 6.0 DISPOSAL

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For disposal, this empty 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.

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

## 7.0 NOTICE TO USER

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## 8.0 REGISTERED CROPS

**ERAGON LQ** is registered for use in the following crops as a pre-plant or pre-emergent application. **ERAGON LQ** may also be used as a harvest aid in soybeans, dry beans and canola, and as a pre-harvest weed management treatment in wheat, barley and triticale.

<b>Pre-plant or Pre-emergent</b>
• Barley
• Oats
• Wheat (spring, winter and durum)

<b>Pre-plant or Pre-emergent</b>
• Corn (field and sweet)

<b>Pre-plant or Pre-emergent</b>
• Soybean

<b>Harvest Aid</b>
• Desiccation of soybeans
• Desiccation of dry beans
• Desiccation of canola (all types)

<b>Pre-harvest Weed Management</b>
• Wheat (including durum, spring and winter wheat)
• Barley (including feed varieties)
• Triticale

**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.

## 9.0 EARLY SEASON WEED CONTROL APPLICATIONS

### 9.1 CROP USE RATES – ERAGON LQ

#### Pre-plant or Pre-emergent

Crop	Use Rate (mL/ha)	Application Timing
Barley	73 - 146	Pre-plant or Pre-emergent
Oats	73 - 146	Pre-plant or Pre-emergent
Wheat (spring, winter, durum)	73 - 146	Pre-plant or Pre-emergent

#### Pre-plant or Pre-emergent

Crop	Use Rate (mL/ha)	Application Timing
Soybean	73*	Pre-plant or Pre-emergent
Corn	146**, 219 – 292	Pre-plant or Pre-emergent

\* Do not use rates higher than 73 mL/ha or crop injury may result. For use in combination with glyphosate. Refer to the Crop Specific Recommendations section of this label for additional details. Some soybeans cultivars may be more sensitive to saflufenacil and injury might occur.

\*\* 146 mL/ha will only provide short season weed control and should be used in a program where a later application of a herbicide is anticipated. Refer to the Crop Specific Recommendations section of this label for additional details. Some sweet corn hybrids may be more sensitive to saflufenacil and injury might occur.

**Refer to Sections 9.2 to 9.4 for weeds controlled and further application information.**

## 9.2 WEEDS CONTROLLED

### Pre-plant or Pre-emergent Burndown (Cereals and Soybean)

**ERAGON LQ** may be applied pre-plant or pre-emergent to cereals (barley, oats, wheat) and soybeans for control (burndown) of the following emerged broadleaf weeds. It is recommended that **ERAGON LQ** is always tank mixed with glyphosate for broad spectrum weed control.

#### Cereals and Soybeans

Weed	Maximum Weed Stage	Use Rate (mL/ha)
Broadleaf plantain	beginning of flowering	73*
Canada fleabane**	20 leaf	73
Common ragweed**	8 leaf	73
Dandelion (suppression only)	6 leaf	73
Giant ragweed**	8 leaf	73*

Weed	Maximum Weed Stage	Use Rate (mL/ha)
Lady's-thumb	6 leaf	73*
Lamb's-quarters	8 leaf	73
Perennial sow thistle (top growth burndown control)	8 leaf	73*
Prickly lettuce (top growth only)	9 leaf	73*
Redroot pigweed	8 leaf	73
Shepherd's-purse	full flower	73*
Stinkweed	full flower	73*
Wild buckwheat	6 leaf	73*
Wild mustard	8 leaf	73

\*Controlled with a tank mix of **ERAGON LQ** and glyphosate

\*\*Includes glyphosate-resistant biotypes

### Pre-plant Burndown and Suppression of Secondary Weed Flushes (Cereals)

#### Cereals

Weed	Maximum Weed Stage	Use Rate (mL/ha)
Lamb's-quarters	8 leaf	146
Redroot pigweed	8 leaf	146
Stinkweed	8 leaf	146
Wild buckwheat	8 leaf	146
Wild mustard	8 leaf	146

### Pre-plant or Pre-emergent Burndown (Corn)

**ERAGON LQ** at 146 - 292 mL/ha may be tank mixed with glyphosate and applied to corn prior to planting or after planting prior to crop emergence. Use 292 mL/ha for extended residual control of continual flushing weeds such as lamb's-quarters, redroot pigweed and common ragweed.

**ERAGON LQ** + glyphosate will provide control (burndown) of the following emerged broadleaf weeds in addition to those controlled by glyphosate.

#### Corn

Weed	Maximum Weed Stage	Use Rate (mL/ha)
Common ragweed*	8 leaf	146 - 292
Lamb's-quarters	8 leaf	146 - 292
Redroot pigweed	8 leaf	146 - 292

Weed	Maximum Weed Stage	Use Rate (mL/ha)
Velvetleaf	8 leaf	146 - 292
Wild buckwheat	8 leaf	146 - 292
Wild mustard	8 leaf	146 - 292

\*Includes glyphosate-resistant biotypes

### 9.3 TANK MIXES

For broad spectrum burndown of weeds in soybeans, barley, oats and wheat (spring, winter and durum), **ERAGON LQ** should always be tank mixed with glyphosate present as isopropylamine salt, di-ammonium salt or potassium salt. **ERAGON LQ** is compatible with all liquid glyphosate formulations, in which glyphosate is present as isopropylamine salt, di-ammonium salt or potassium salt, as a tank-mix partner. Apply to weeds less than 15 cm in height, according to the glyphosate label. For improved control of Canada fleabane in soybeans, metribuzin containing products may be tank mixed with **ERAGON LQ** and glyphosate. For extended grass and broadleaf control in soybeans, PURSUIT® Herbicide may be tank mixed with **ERAGON LQ** and glyphosate.

Tank mixing is a recognized strategy to delay herbicide resistance as well as improve the weed spectrum controlled.

**See the Crop Specific Recommendations section of this label for further details, including rates, adjuvant recommendations and restrictions.**

Refer to the label of the tank mix partner for further precautions, use instructions and crop rotation restrictions. When tank mixes are permitted, consult the labels of the tank mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE S572.1) category indicated on the labels for those tank mix partners.

### 9.4 CROP SPECIFIC RECOMMENDATIONS

#### 9.4.1 CEREALS – BARLEY, OATS AND WHEAT (spring, winter and durum)

Timing	Pre-plant or Pre-emergent
Rate	73 – 146 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	100 – 200 L/ha
Surfactant/Adjuvant	Add MERGE® Adjuvant at a rate of 1 L/ha.
Weeds Controlled	See Section 9.2 of this label for a complete list of weeds controlled by <b>ERAGON LQ</b> . Refer to the glyphosate label for weeds controlled in addition to those controlled by <b>ERAGON LQ</b> .

## 9.4.2 SOYBEANS

### ERAGON LQ + Glyphosate

Timing	Pre-plant or Pre-emergent
Rate	73 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	100 – 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 L/ha.
Weeds Controlled	See Section 9.2 of this label for a complete list of weeds controlled by <b>ERAGON LQ</b> . Refer to the glyphosate label for weeds controlled in addition to those controlled by <b>ERAGON LQ</b> .
Remarks	Some soybeans cultivars may be more sensitive to saflufenacil and injury might occur.  For Pre-plant timing, apply pre-plant from 21 days prior to planting up to the day of planting.  For Pre-emergent timing, apply prior to when the soybeans cause the ground to crack and no more than 3 days after planting.  For Pre-emergent timing, DO NOT apply to coarse textured soils with less than 2% organic matter.

### ERAGON LQ + Glyphosate + Metribuzin

Timing	Pre-plant or Pre-emergent
Rate	73 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent) + Sencor 75 DF at 550 g/ha <b>or</b> Sencor 480 F each at 850 mL/ha
Water Volume	100 – 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 L/ha.
Weeds Controlled	For improved control of Canada fleabane and control of all other weeds listed on Section 9.2 of this label. Refer to the glyphosate label for weeds controlled in addition to those controlled by <b>ERAGON LQ</b> .
Remarks	Some soybeans cultivars may be more sensitive to saflufenacil and injury might occur.  For Pre-plant timing, apply pre-plant from 21 days prior to planting up to the day of planting.  For Pre-emergent timing, apply prior to when the soybeans cause the ground to crack and no more than 3 days after planting.  Do not apply this tank mix on sandy soils or on coarse soils with less than 2% organic matter.

### ERAGON LQ + Glyphosate + PURSUIT Herbicide

Timing	Pre-plant or Pre-emergent
Rate	73 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent) + 420 mL/ha PURSUIT Herbicide
Water Volume	100 – 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 L/ha.
Weeds Controlled	See Section 9.2 of this label for a complete list of weeds controlled by <b>ERAGON LQ</b> . Refer to the glyphosate label for weeds controlled in addition to those controlled by <b>ERAGON LQ</b> .
Remarks	Some soybeans cultivars may be more sensitive to saflufenacil and injury might occur.  For Pre-plant timing, apply pre-plant from 21 days prior to planting up to the day of planting.  For Pre-emergent timing, apply prior to when the soybeans cause the ground to crack and no more than 3 days after planting.  For Pre-emergent timing, DO NOT apply to coarse textured soils with less than 2% organic matter.

### 9.4.3 CORN (field and sweet)

#### ERAGON LQ

Timing	Pre-emergent
Rate	146 – 292 mL/ha of <b>ERAGON LQ</b>
Water Volume	100 – 200 L/ha
Weeds Controlled	See Section 9.2 of this label for a complete list of weeds controlled by <b>ERAGON LQ</b> .
Remarks	Some sweet corn hybrids may be more sensitive to saflufenacil and injury might occur.

#### ERAGON LQ + Glyphosate

Timing	Pre-plant or Pre-emergent Burndown
Rate	146 – 292 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	100 – 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 L/ha.

Weeds Controlled	See Section 9.2 of this label for a complete list of weeds controlled by <b>ERAGON LQ</b> . Refer to the glyphosate label for weeds controlled in addition to those controlled by <b>ERAGON LQ</b> .  146 mL/ha will only provide short season weed control and should be used in a program where a later application of a herbicide is anticipated.
Remarks	Apply tank mixture prior to or after planting but before crop emergence. Some sweet corn hybrids may be more sensitive to saflufenacil and injury might occur.

## 10.0 HARVEST AID / DESICCATION IN SOYBEANS, DRY BEANS AND CANOLA (ALL TYPES)

**ERAGON LQ** may be used as a harvest aid to accelerate the rate of dry down for crop and green weeds and improve crop uniformity to facilitate direct combining of soybeans, dry beans and canola. Early application may result in yield loss.

The dry down of crops will be best under favorable environmental conditions like warm temperatures, good moisture conditions and high humidity.

Harvesting of crops can be done when plant material is dry and seed moisture level allows efficient harvesting. For most crops, harvest can normally commence within 3-10 days after desiccation. Adverse weather conditions such as rainfall, cool temperatures and high humidity may slow the plant desiccation and keep seed moisture levels high which can delay commencement of harvest after the **ERAGON LQ** application.

**ERAGON LQ** when used as a harvest aid will not affect seed germination if applied according to label recommendations. Applications sprayed prior to label application timing may impact seed germination.

For the harvest aid/desiccation in soybeans and dry beans, do not graze or feed treated hay or straw to livestock.

### **ERAGON LQ – Soybeans and Dry Beans**

Timing	Desiccation of Soybeans and Dry Beans
Rate	73 – 146 mL/ha of <b>ERAGON LQ</b>
Water Volume	Minimum 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 - 2 L/ha.
Application Timing	Apply when 90% of pods have changed colour from green to yellow or brown.
Remarks	Ground application may be done with a standard boom sprayer. Do not graze or feed treated hay or straw to livestock.

### **ERAGON LQ + Glyphosate - Soybeans and Dry Beans**

**ERAGON LQ** may be applied in tank mix with glyphosate for additional pre-harvest weed control.

**The tank mix with glyphosate may affect seed germination. DO NOT tank mix with glyphosate on fields grown for seed production.**

Timing	Desiccation of Soybeans and Dry Beans
Rate	73 – 146 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	Minimum 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 - 2 L/ha.
Application Timing	Apply when 90% of pods have changed colour from green to yellow or brown.
Remarks	Ground application may be done with a standard boom sprayer. Do not graze or feed treated hay or straw to livestock. Consult the label of the tank mix partner product for further use instructions, precautions and restrictions. The most restrictive labeling applies to tank mixes.

### **ERAGON LQ – CANOLA (All types)**

Timing	Desiccation of Canola (all types)
Rate	73 – 146 mL/ha of <b>ERAGON LQ</b>
Water Volume	Minimum 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 – 2 L/ha.
Application Timing	Apply when 60 – 75% of seeds have changed colour.
Remarks	The use of <b>ERAGON LQ</b> as a desiccant in canola may cause shattering. Ground application may be done with a standard boom sprayer.

### **ERAGON LQ + Glyphosate – CANOLA (All types)**

**ERAGON LQ** may be applied in tank mix with glyphosate for additional pre-harvest weed control.

**The tank mix with glyphosate may affect seed germination. DO NOT tank mix with glyphosate on fields grown for seed production.**

Timing	Desiccation of Canola (all types)
Rate	73 – 146 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	Minimum 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 – 2 L/ha.
Application Timing	Apply when 60 – 75% of seeds have changed colour.

Remarks	The use of <b>ERAGON LQ</b> as a desiccant in canola may cause shattering. Ground application may be done with a standard boom sprayer. Consult the label of the tank mix partner product for further use instructions, precautions and restrictions. The most restrictive labeling applies to tank mixes.
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## 11.0 PRE-HARVEST WEED MANAGEMENT IN WHEAT, BARLEY, AND TRITICALE

**ERAGON LQ** may be used as a pre-harvest weed management treatment in wheat (including spring, durum, and winter wheat), barley (including feed varieties) and triticale to improve dry down of volunteer canola (all types including Roundup Ready), common ragweed, Canada fleabane, redroot pigweed and wild buckwheat and to facilitate direct combining. Early application may result in yield loss.

**ERAGON LQ** when used alone as a pre-harvest weed management treatment will not affect seed germination if applied according to label recommendations. Applications sprayed prior to label application timing may impact seed germination.

### ERAGON LQ – Wheat, Barley and Triticale

Rate	73 – 146 mL/ha of <b>ERAGON LQ</b>
Water Volume	Minimum 200 L/ha
Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 – 2 L/ha
Application Timing	Hard dough stage; a thumbnail impression remains on seed; less than 30% moisture.
Weeds Controlled	Improved dry down of volunteer canola (all types including Roundup Ready), common ragweed*, Canada fleabane*, redroot pigweed and wild buckwheat.
Remarks	Ground application may be done with a standard boom sprayer. Use higher water volume for dense crop stands and higher weed pressure. Treated barley, wheat and triticale straw may be grazed or fed to livestock.

\* Includes glyphosate-resistant biotypes

### ERAGON LQ + Glyphosate – Wheat and Barley

**ERAGON LQ** may be applied in tank mix with glyphosate for additional pre-harvest weed management to the crop dry down provided by glyphosate herbicide.

**The tank mix with glyphosate may affect seed germination. DO NOT tank mix with glyphosate on fields grown for seed production.**

Rate	73 – 146 mL/ha of <b>ERAGON LQ</b> + 2.5 L/ha of glyphosate (360 g/L equivalent)
Water Volume	Minimum 200 L/ha

Surfactant/Adjuvant	Add MERGE Adjuvant at a rate of 1 – 2 L/ha.
Application Timing	Hard dough stage; a thumbnail impression remains on seed; less than 30% moisture.
Weeds Controlled	Improved dry down of volunteer canola (all types including Roundup Ready), common ragweed*, Canada fleabane*, redroot pigweed and wild buckwheat.
Remarks	Ground application may be done with a standard boom sprayer. Use higher water volume for dense crop stands and higher weed pressure. Consult the label of the tank mix partner product for further use instructions, precautions and restrictions. The most restrictive labeling applies to tank mixes.

\* Includes glyphosate-resistant biotypes

## 12.0 MINOR USE CROPS – RASPBERRY AND BLACKBERRY

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than BASF Canada under the User Requested Minor Use Label Expansion program. For these uses, BASF Canada 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.

### **Raspberry and Blackberry (Eastern Canada and British Columbia, excluding the Peace River Region)**

Use as a directed spray. Apply to dormant raspberry and blackberry as a banded application directed at the base of the crops while targeting emerged broadleaf weeds. **DO NOT allow spray drift to contact dormant canes as severe crop injury will result.** Use ground equipment only. DO NOT apply banded treatments using high pressure hand wands. Maximum of 1 application per season.

Rate	73 mL/ha of <b>Eragon LQ</b>
Surfactant/Adjuvant	Add Merge Adjuvant at a rate of 1 L/ha.
Water Volume	Minimum 100 L/ha
Application Timing	Early post-emergent application directed to the base of the raspberry or blackberry plant prior to the plants breaking winter dormancy. One application per season. DO NOT allow spray drift to contact dormant canes.
Weeds Controlled	Labelled broadleaf weeds as listed in the <b>Weeds Controlled</b> section of this label (see weeds controlled at the 73 mL/ha use rate).

### 13.0 MIXING INSTRUCTIONS

1. When applying **ERAGON LQ**, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Using a calibrated measuring device, add the correct amount of **ERAGON LQ**. Continue to agitate.
4. When tank mixing with glyphosate, add **ERAGON LQ** followed by recommended amount of glyphosate. Then add the correct amount of PURSUIT Herbicide, if required.
5. If recommended, add the correct amount of MERGE Adjuvant to the tank last.
6. Continue agitation while filling the spray tank with the remaining amount of water.
7. Continue to agitate or run the by-pass system.
8. After any break in spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit overnight.
9. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.
10. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

Dispose of all rinsings in accordance with provincial regulations.

### 14.0 PRE-HARVEST AND GRAZING INTERVALS (PHI)

The following pre-harvest and grazing intervals should be observed for respective crops when **ERAGON LQ** is applied as an early season weed control application.

Crop	PHI (days)
Barley	60 <sup>1</sup>
Corn (field, sweet)	60 <sup>2</sup>
Soybean	60 <sup>3</sup>
Oats	60 <sup>1</sup>
Wheat (spring, winter, durum)	60 <sup>1</sup>

<sup>1</sup> For barley, oats and wheat, forage and hay can be used as feed or grazed 30 days or more after an early season weed control application of **ERAGON LQ**.

<sup>2</sup> Corn forage and silage can be used as feed or grazed 60 days or more after an early season weed control application of **ERAGON LQ**.

<sup>3</sup> Soybeans may be fed or grazed 60 days or more after an early season weed control application of **ERAGON LQ**.

## Harvest Aid and Pre-harvest Weed Management

The following pre-harvest intervals should be observed for respective crops when **ERAGON LQ** is used as a harvest aid and pre-harvest weed management.

Crop	PHI (days)
Dry beans	2 <sup>1</sup>
Soybeans	3 <sup>1</sup>
Canola	3
Wheat	3 <sup>2</sup>
Barley	3 <sup>2</sup>
Triticale	3 <sup>2</sup>

<sup>1</sup> Do not graze or feed treated hay or straw to livestock.

<sup>2</sup> For wheat, barley and triticale, straw can be used as feed or grazed 3 days or more after a pre-harvest weed management application of **ERAGON LQ**.

## 15.0 FOLLOW CROPPING

The crops listed below can be safely grown after a spring application of **ERAGON LQ**.

Plant Back Crops In case of crop failure, the following crops can be planted in the same season <sup>1</sup>	Rotational Crops The following crops can be planted anytime in the following season
Barley Canary seed Chickpeas Corn (field and sweet) Oats Dry field peas Soybean <sup>2</sup> Wheat (spring, winter and durum)	Barley (spring, winter, malting) Canary seed Canola Chickpeas Corn (field and sweet) Dry beans Flax Lentils Mustard Oats Dry field peas Soybean Triticale Wheat (spring, winter and durum)

<sup>1</sup> A second application of **ERAGON LQ** cannot be made in the rescue crop.

<sup>2</sup> Rate restrictions apply. Soybeans can only be grown as plant back crops provided that a maximum product use rate of 73 mL/ha was used in the previous crop.

The crops listed below can be safely grown after a fall application of **ERAGON LQ**.

Rotational crops that can be planted in the following spring after application	Rotational crops that can be planted in the second spring after application
<p style="text-align: center;">Barley Canary seed Canola Chickpeas Corn (field and sweet) Oats Dry field peas Soybeans Triticale Wheat (spring, winter, and durum)</p>	<p style="text-align: center;">All crops</p>

## 16.0 SPRAYING INSTRUCTIONS

Thoroughly clean all screens to prevent nozzle clogging. Select proper nozzle to avoid spraying fine mist. Apply in a water volume of 100 to 200 L/ha. For applications to dense weed infestations and thick canopies, use the higher water volume. Consult nozzle manufacturer's recommendation for spray pressures for specific nozzles.

Better coverage of the product results in enhanced control of weeds.

## 17.0 RESTRICTIONS AND LIMITATIONS

1. Wash sprayer thoroughly after use to avoid damage to the next crop sprayed.
2. DO NOT mix or apply **ERAGON LQ** with any other adjuvant except as specifically recommended on this label.
3. DO NOT APPLY BY AIR.
4. DO NOT enter or allow worker entry into treated areas for 12 hours after application.
5. DO NOT apply directly to water.
6. This product may be tank mixed with a fertilizer 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 BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Not all varieties and cultivars have been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced efficacy, or crop injury may result from mixing **ERAGON LQ** with other products. Therefore, before using any tank mix (fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Consult a BASF representative for more information concerning additives.

## Spray Buffer Zones

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

**DO NOT** apply by air.

A spray buffer zone is NOT required for:

- Low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas, and shrublands).

Method of application	Crop	Spray buffer zones (metres) required for the protection of terrestrial habitats
Field sprayer	Soybean (pre-plant or pre-emergent), raspberry, blackberry	4
	Barley, oats, wheat (pre-plant or pre-emergent); soybean, dry beans, canola, wheat, barley, triticale (harvest aid)	10
	Corn (pre-plant or pre-emergent)	15

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE S572.1) category indicated on the labels for those tank mix partners.

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

## 18.0 RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **ERAGON LQ** is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to **ERAGON LQ** and other Group 14 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 **ERAGON LQ** or other Group 14 herbicide 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 BASF at 1-877-371-2273 or at [www.agsolutions.ca](http://www.agsolutions.ca).

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