

# Fierce<sup>®</sup> EZ Herbicide

SUSPENSION  
COMMERCIAL

**FOR CONTROL OR SUPPRESSION OF LABELLED WEEDS IN LABELLED CROPS**

**ACTIVE INGREDIENTS:**

Flumioxazin.....	160.0 g/L
Pyroxasulfone.....	203.0 g/L

Contains 1,2-benzisothiazolin-3-one at 0.04% as a preservative, or contains 5-Chloro-2-methyl-4-isothiazolin-3-one at 0.0017% and 2-methyl-4-isothiazolin-3-one at 0.0006% as preservatives

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

REGISTRATION NO.: 33869 PEST CONTROL PRODUCTS ACT

**Net Contents: 0.05 Litres– Bulk**

Valent Canada, Inc.  
201-230 Hanlon Creek Blvd.,  
Guelph, Ontario N1C 0A1  
Phone: 519-767-9262

## NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

## FIRST AID

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

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

**IF INHALED:** Move the person to fresh air. If the 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 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.

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

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL OR POISONING CALL  
1-800-892-0099***

## TOXICOLOGICAL INFORMATION

There is no specific antidote for this product. Apply symptomatic therapy.

## PRECAUTIONS

**KEEP OUT OF THE REACH OF CHILDREN.** Harmful if absorbed through skin. Avoid contact with skin or clothing.

Follow the personal protective equipment, engineering control, and restriction requirements for the appropriate mixer/loader and applicator scenario as described in the table below:

Application Equipment	Personal Protective Equipment and Engineering Controls		Maximum Amount of Product Handled per Day
	Mixer/Loader/Clean-up and Repair	Applicator	

Groundboom	<b>Open mixing/loading:</b> Wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves.	<b>Open-cab:</b> Wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves.	140 L
	<b>Open mixing/loading:</b> Wear chemical-resistant coveralls over a long-sleeved shirt and long pants, socks, chemical-resistant footwear and chemical-resistant gloves.	<b>Open-cab:</b> Wear chemical-resistant coveralls over a long-sleeved shirt and long pants, socks, chemical-resistant footwear and chemical-resistant gloves.	240 L
		<b>Closed-cab<sup>1</sup>:</b> Wear a long-sleeved shirt, long pants, socks and shoes.  Gloves are not required within a closed cab.	345 L

<sup>1</sup> A closed cab provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab.

Do not eat, drink or smoke during work. Wash hands and face thoroughly before eating, drinking, smoking, chewing gum, or using the toilet. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes. Remove clothing immediately if pesticide gets inside. Wash thoroughly and put on clean clothing. After work, change clothing and wash entire body thoroughly. Wash contaminated working clothes separately from other laundry before reuse.

Do not apply when weather conditions favour spray drift from treated areas. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Keep all unprotected persons out of operating areas, or vicinity where there may be drift. Only protected handlers may be in the area during application.

Apply only to agricultural crops when the potential for drift to areas of human habitation and 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.

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

Do not apply to farm alleys or roads where traffic may result in treated dust settling onto crops or other desirable vegetation.

Do not apply within 100 metres of non-dormant pears.

Do not apply to powdery soils or soils that are susceptible to wind displacement unless irrigation can be applied immediately after application.

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., contact Valent Canada, Inc.

Read and understand the entire label before opening this product. If you have any questions, call the manufacturer at 519-767-9262 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

<b>ENVIRONMENTAL PRECAUTIONS</b>
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Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

## **DISPOSAL**

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 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 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.

## **STORAGE**

Store this product away from food or feed. Keep pesticide in original container. Store in a cool, dry, secure place. Do not put formulation or dilute spray solution into food or drink containers. Do not transport near feed or food. Not for use or storage in or around the home.

## **RESISTANCE MANAGEMENT**

For resistance management, please note that Fierce EZ Herbicide is both a Group 14 and a Group 15 herbicide. Any weed population may contain or develop plants naturally resistant to Fierce EZ Herbicide and other Group 14 and/or Group 15 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 Fierce EZ Herbicide or other Group 14 and /or Group 15 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information and to report suspected resistance, contact Valent Canada at 519-767-9262.

#### **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.
- Do not apply by air.

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 S527.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

**Shake Fierce EZ Herbicide well before use.**

**Spray equipment used to apply Fierce EZ Herbicide should not be used to apply other materials to any crop foliage, unless the proper cleanout procedure is followed. See “SPRAYER CLEANUP” for more information.**

#### **SPRAYER PREPARATION**

Before applying Fierce EZ Herbicide, start with clean, well maintained application equipment. The spray tank, as well as all hoses and booms, must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. Some pesticides, including but not limited to, the sulfonyleurea and phenoxy herbicides are active at very small amounts and can cause crop injury when applied to susceptible crops. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply Fierce EZ Herbicide. If two or more products were tank mixed prior to Fierce EZ Herbicide application, the most restrictive cleanup procedure should be followed.

### **MIXING INSTRUCTIONS**

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add Fierce EZ Herbicide to the spray tank. Agitation should create a rippling or rolling action on the water surface.
3. If tank mixing Fierce EZ Herbicide with other labelled herbicides follow the WAMLEGS [Wettable powders/ flowable, Agitate Anti-foaming compounds/buffers, Microcapsule suspension, Liquid and soluble, Emulsifiable concentrates, High load Glyphosates, Surfactants] mixing order system:
  - Add water soluble bags first
  - Followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
  - Prepare no more spray mixture than is required for the immediate spray operation.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. **Agitation should continue until all spray solution has been applied.**
6. Mix only the amount of spray solution that can be applied the day of mixing. Fierce EZ Herbicide should be applied within 6 hours of mixing.

### **APPLICATION METHOD**

Fierce EZ Herbicide is applied by ground. Application equipment should be clean and in good repair. Nozzles should be uniformly spaced on boom and frequently checked for accuracy. Apply Fierce EZ Herbicide, and Fierce EZ Herbicide tank mixes, with ground equipment using standard commercial sprayers equipped with flat fan (preplant or preemergence applications only) designed to deliver the desired spray pressure and spray volume.

### **CARRIER VOLUME AND SPRAY PRESSURE**

**Preemergence Application (Conventional Tillage):** To ensure uniform coverage, use 100 to 300 L of spray solution per hectare for conventional tillage applications. Nozzle selection should meet manufacturer's volume and pressure recommendations for preemergence herbicide application.

**Burndown Application (Prior to Crop Emergence):** To ensure thorough coverage in burndown applications, use 150 to 600 L spray solution per hectare. Use 200 to 600 L per hectare if dense vegetation or heavy crop residue is present. Nozzle selection should meet manufacturer's volume and pressure recommendations for postemergence herbicide application. Do not use flood jet nozzles.

### **SPRAY BUFFER ZONES:**

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, 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), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Marine Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Soybean, chickpea, field pea, lentil, field corn, wheat	4	2	3	2	10

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) 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.

### SPRAYER CLEANUP

Spray equipment, including mixing vessels and nurse tanks, must be cleaned each day following Fierce EZ Herbicide application. After Fierce EZ Herbicide is applied, the following steps must be used to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Top off tank, add 3.8 litres of 3% household ammonia (or equivalent) for every 378.5 L of water, circulate through sprayer for 5 minutes, and then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes. If diaphragms are being used on the spray boom, loosen diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm. If spray lines have any end caps, they must be loosened before flushing the system, allowing cleaning solution to spray through the loosened caps. To enhance removal of Fierce EZ Herbicide from the spray system, add a tank cleaner in place of ammonia and allow the cleaning solution to remain in the pressurized spray system (spray tank, hoses and boom) for 8 hours before flushing the system for a minimum of 15 minutes.
4. Drain tank completely.
5. Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for 2 minutes.
6. Remove all nozzles and screens and rinse them in clean water.

Spray equipment, including all tanks, hoses, booms, screens and nozzles, should be thoroughly cleaned before it is used to apply postemergence pesticides. Equipment with Fierce EZ Herbicide

residue remaining in the system may result in crop injury to the subsequently treated crop.

### ROTATIONAL RESTRICTIONS

The following rotational crops may be planted after applying Fierce EZ Herbicide at the listed rate range. Planting earlier than the recommended rotational interval may result in crop injury.

Fierce EZ Herbicide rate	Crops	Rotational Intervals
440-660 mL/ha	Soybean, chickpea, field pea	Immediately
	Field corn, wheat (spring and winter)	7 days
	Lentil	6 months
	Barley, durum wheat, oats and alfalfa *	11 months
	Canola, mustard seed	12 months
	Successful soil bio-assay must be performed prior to planting crops not listed above.	

\*At rates higher than 440 mL/ha, follow a 12 month rotational interval.

### GENERAL INFORMATION

#### When used in accordance with this label, Fierce EZ Herbicide:

- Provides residual control of susceptible weeds in labeled crops.
- Provides additional burndown activity when used as part of a burndown program in labeled crops.

#### Tank Mix

This product may be tank mixed with a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Valent Canada, Inc. at 519-767-9262 for information before applying any tank mix that is not specifically recommended on this label.

#### Burndown Application (Spring or Fall)

Apply Fierce EZ Herbicide as part of a burndown program to actively growing weeds. Applying Fierce EZ Herbicide under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply Fierce EZ Herbicide when weeds are under stress due to drought, excessive water, temperature extremes, disease or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. Fierce EZ Herbicide is most effective when applied under warm sunny conditions.

Fierce EZ Herbicide, applied as part of a burndown program, may be used for residual weed control where the crop will be planted directly into previous crop residues. Burndown applications should be made in combination with other foliar herbicides such as glyphosate or other tank-mix partners.



Reduced residual weed control may occur when burndown applications are made to fields where heavy crop and/or weed residue exist.

For fall burndown: Application should be made in the fall, prior to freeze-up and when winter annuals and perennial weeds are still growing to allow for optimum herbicide absorption and activity. Applications made after a killing frost will result in reduced perennial and winter annual weed control. Do not apply to snow covered or frozen soil. Abnormally warm winters may reduce the length of weed control observed in the spring.

### **Rainfastness**

Fierce EZ Herbicide is rainfast one hour after application. Do not apply Fierce EZ Herbicide if rain is expected within one hour of application or postemergence efficacy may be reduced.

### **Soil Characteristics**

Application of Fierce EZ Herbicide to soils with high organic matter and/or high clay content may require higher dosages than soils with low organic matter and/or low clay content. Application to cloddy seedbeds can result in reduced weed control.

### **CROP FAILURE**

If the crop treated with Fierce EZ Herbicide is lost due to a catastrophe, such as hail or other forms of inclement weather, soybeans, wheat, chickpeas, field peas and lentils can be replanted immediately, provided a fall application of no more than 660 mL/ha of Fierce EZ Herbicide was used on the lost crop. If a spring application of Fierce EZ Herbicide was made wheat, chickpeas, and field peas can be seeded immediately if the application of Fierce EZ Herbicide did not exceed 440 mL/ha and a minimum of 7 days has elapsed since application, if this rate was exceeded but did not surpass 660 mL/ha soybeans can be seeded immediately. Crop injury may occur if these restrictions are not followed.

### **GENERAL USE PRECAUTIONS**

- Do not apply this product when weather conditions favor spray drift from treated areas.
- Do not apply during low-level inversion conditions, including fog.
- Do not apply to frozen or snow covered soil.
- Do not use on durum wheat.
- Mechanical incorporation into the soil will reduce residual weed control. Do not perform any tillage operations after application or weed control will be reduced.
- Apply only once during a single growing season. Do not apply more than 660 mL of Fierce EZ Herbicide per hectare during a single growing season.
- Do not irrigate when crops are emerging or cracking.
- Moisture is necessary to activate Fierce EZ Herbicide in soil for residual weed control. Dry weather following applications of Fierce EZ Herbicide may reduce effectiveness. However, when adequate moisture is received after dry conditions, Fierce EZ Herbicide will control susceptible germinating weeds. Fierce EZ Herbicide may not control weeds that germinate after application but before an activating rainfall/irrigation or weeds that germinate through cracks resulting from dry soil.
- When adequate moisture is not received after a Fierce EZ Herbicide application, weed control may be improved by irrigation with at least 1.5-2.5 cm of water.

**Important:** Crop injury may occur from applications made to poorly drained soils and/or applications made under cool, wet conditions. Severe crop injury can result when soils are flooded

or saturated following application of Fierce EZ Herbicide. Risk of crop injury can be minimized by using on well drained soils, planting crops at least 4 cm deep, using high quality seed and completely covering seeds with soil prior to preemergence applications. Treated soil that is splashed onto newly emerged crops may result in temporary crop injury. Long periods of drought followed by rainfall may result in temporary crop injury due to excess product absorption. Sandy, low organic matter areas of a field, such as hilltops may be subject to reduced crop tolerance to Fierce EZ Herbicide.

**Pregrazing Intervals:**

Following treatment with Fierce EZ Herbicide, follow these grazing restrictions:

For field corn:

- DO NOT permit livestock to graze fields within 93 days after application.
- DO NOT harvest as green feed or silage within 93 days after application.

For soybeans:

- DO NOT harvest as green feed or permit livestock to graze fields within 21 days after application.
- DO NOT cut hay/fodder within 50 days after application.

For wheat (spring and winter):

- DO NOT harvest as green feed or permit livestock to graze fields within 42 days after application.
- DO NOT cut hay/fodder within 52 days after application.

For all other crops:

- DO NOT graze, cut or feed treated crops to livestock.

**Table 1. Weeds Controlled by Fierce EZ Herbicide in Labeled Crops**

WEEDS CONTROLLED	APPLICATION RATE (mL/ha)
Annual sowthistle ( <i>Sonchus oleraceus</i> ) Canada fleabane ( <i>Conyza canadensis</i> ) Cleavers ( <i>Galium aparine</i> ) Common Barnyard grass ( <i>Echinochloa crusgalli</i> ) Common chickweed ( <i>Stellaria media</i> ) Common lamb's-quarters ( <i>Chenopodium album</i> ) Common ragweed ( <i>Ambrosia artemisiifolia</i> ) Common Waterhemp ( <i>Amaranthus tamariscinus</i> ), including biotypes resistant to herbicides group 2, 5, and 9 Dandelion ( <i>Taraxacum officinale</i> ) Eastern black nightshade ( <i>Solanum ptycanthum</i> ) Green foxtail including Group 1 and 2 resistant ( <i>Setaria viridis</i> ) Green pigweed ( <i>Amaranthus powellii</i> ) Hairy nightshade ( <i>Solanum sarachoides</i> ) Large crabgrass ( <i>Digitaria sanguinalis</i> ) Kochia ( <i>Kochia scoparia</i> ) including Group 2, 4, and 9 resistant kochia Palmer amaranth, ( <i>Amaranthus palmeri</i> ) Pennsylvania smartweed ( <i>Polygonum pensylvanicum</i> ) Redroot pigweed ( <i>Amaranthus retroflexus</i> )	440-660*

Velvetleaf ( <i>Abutilon theophrasti</i> ) Wild buckwheat ( <i>Polygonum convolvulus</i> ) Wild mustard, including Group 2 resistant ( <i>Sinapis arvensis</i> )  <i>Suppression only:</i> Downy brome ( <i>Bromus tectorum</i> ) Foxtail barley ( <i>Hordeum jubatum</i> ) Japanese brome ( <i>Bromus japonicas</i> ) Russian thistle ( <i>Salsola spp.</i> ) Volunteer canola ( <i>Brassica napus</i> ), including glyphosate, glufosinate ammonium, and Imidazolinone tolerant varieties Wild oats ( <i>Avena fatua</i> )	
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\*: Use the 660 mL/ha rate on fine-medium texture soils for season-long residual control

**DIRECTIONS FOR USE IN SOYBEAN (Pre-Plant and Preemergence)**

**APPLICATION TIMING**

Fierce EZ Herbicide may be applied to soybeans early pre-plant, prior to planting or preemergence (after planting). Preemergence application of Fierce EZ Herbicide must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Application should not be made when soybeans have begun to crack.

**USE PRECAUTIONS**

- Do not use Fierce EZ Herbicide in soybeans in the same field that flufenacet, alachlor, metolachlor or dimethenamid will be used preemergence, or soybean injury may occur.
- Do not irrigate when soybeans are cracking.

<b>SOYBEAN – Application Rates</b>	
<b>APPLICATION RATE (mL/ha)<sup>1</sup></b>	<b>COMMENTS</b>
440	Preemergence: Apply prior to weed emergence.  Postemergence: When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 1.2 kg a.e./ha.
660	Use this rate on fine-medium texture soils for season-long residual control  Fall applications should be made prior to ground freeze and must not be made on top of snow cover.

<sup>1</sup> Refer to Table 1 for list of controlled weeds.

## TANK MIX PARTNERS

### Burndown Activity

Fierce EZ Herbicide may be tank mixed with other herbicides for increased burndown activity, additional residual broadleaf and/or additional grass control. Completely read and follow the label of any potential tank mix partner with Fierce EZ Herbicide. Recommended tank mix partners include BlackHawk Herbicide, glyphosate, Liberty 200 SN, and Select.

### Additional Residual Broadleaf and Grass Control

Fierce EZ Herbicide can be tank mixed with other products for the control of annual broadleaf and grass weeds, such as BroadStrike RC Herbicide, FirstRate, Sencor, Lorox, Pursuit, Prowl and Classic. Do not apply with Axiom, Dual II Magnum, Boundary, Frontier, or Integrity or injury may occur.

### Round Up Ready Program

Fierce EZ Herbicide may be applied as part of a burndown program or preemergence in conventional tillage programs, at 440 to 660 mL/ha, to reduce early season weed competition from labeled weeds in Roundup Ready programs. A sequential post emergence application of glyphosate will be required to control weeds not controlled by Fierce EZ Herbicide.

## DIRECTIONS FOR USE IN CHICKPEA and FIELD PEA

### APPLICATION TIMING

#### Preemergence Applications (Spring)

Fierce EZ Herbicide provides preemergence control of susceptible weeds in chickpea and field pea. Apply Fierce EZ Herbicide with ground equipment prior to planting or within 3 days after planting and prior to emergence. Application after the chickpeas or field peas have begun to crack, or are emerged, will result in severe crop injury.

#### CHICKPEA and FIELD PEA – Spring Application Rates

APPLICATION RATE (mL/ha) <sup>1</sup>	COMMENTS
440	When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 900 g a.e./ha for field peas and 1.2 kg a.e./ha for chickpeas.

<sup>1</sup> Refer to Table 1 for list of controlled weeds.

#### CHICKPEA and FIELD PEA – Fall Application Rates

APPLICATION RATE (mL/ha) <sup>1</sup>	COMMENTS
440	When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 900 g a.e./ha for field peas and 1.2 kg a.e./ha for chickpeas.  Applications should be made prior to ground freeze and must not be made on top of snow cover.

660	Use this rate on fine-medium texture soils  Applications should be made prior to ground freeze and must not be made on top of snow cover.
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<sup>1</sup> Refer to Table 1 for list of controlled weeds.

### TANK MIX PARTNERS

Fierce EZ Herbicide may be tank mixed with other herbicides for increased burndown activity, additional residual broadleaf and/or additional grass control. Recommended tank mix partners include glyphosate and GoldWing Herbicide.

## DIRECTIONS FOR USE IN LENTIL [Small Red and Large Green Varieties]

### APPLICATION TIMING

Application should be made in the fall, prior to freeze-up; do not apply to snow covered or frozen soil. Abnormally warm winters may reduce the length of weed control observed in the spring.

### CROP TOLERANCE

Lentil varieties vary in their tolerance to Fierce EZ Herbicide. Testing has shown that small-seeded red and large-seeded green varieties are most tolerant to applications of Fierce EZ Herbicide. Other seed classes of lentils should not be planted into areas treated with Fierce EZ Herbicide.

Environmental conditions, such as saturated soils, and abnormally cool, wet weather after seeding may also increase lentil injury following a fall application of Fierce EZ Herbicide. A seeding depth of 2.5 to 6 cm (1" to 2.5") is recommended. Fierce EZ Herbicide is a very active herbicide and the user should exercise caution until gaining familiarity with this product.

LENTILS [Small Red and Large Green Varieties] – Fall Application Rates	
APPLICATION RATE (mL/ha) <sup>1</sup>	COMMENTS
440	When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 1.2 kg a.e./ha.  Applications should be made prior to ground freeze and must not be made on top of snow cover.
660	Use this rate on fine-medium texture soils for season-long residual control.  Applications should be made prior to ground freeze and must not be made on top of snow cover.

<sup>1</sup> Refer to Table 1 for list of controlled weeds.

### TANK MIX PARTNERS

Fierce EZ Herbicide may be tank mixed with other herbicides for increased burndown activity, additional residual broadleaf and/or additional grass control. Recommended tank mix partners include glyphosate and GoldWing Herbicide.

**DIRECTIONS FOR USE IN FIELD CORN (Minimum and No-till ONLY)**

**APPLICATION TIMING**

**Preemergence Applications**

Fierce EZ Herbicide provides preemergence control of susceptible weeds in field corn. Apply Fierce EZ Herbicide with ground equipment between 7 and 30 days prior to planting field corn into no-till or minimum tillage fields, unless application is made as part of fall burndown program.

**USE PRECAUTIONS**

- Use only on no-till or minimum tillage fields where last year’s crop residue has not been incorporated into the soil. Crop injury may occur from applications made to poorly drained soil and/or applications made under cool, wet conditions. Severe crop injury will result when soils are flooded following applications of Fierce EZ Herbicide.
- Do not irrigate when corn is emerging to 2-leaf.
- Weed control will be reduced if there is mechanical incorporation into the soil or if emerged weeds are controlled by cultivation. Do not perform any tillage operations after application or weed control will be reduced. No-till planters that incorporate the soil during planting may result in decreased weed control in the row.
- Do not use on soils with less than 1% organic matter unless activation rainfall has occurred between application and planting.
- Do not use on popcorn, sweet corn, or corn grown for seed.
- Do not apply to fine-textured soils, peat or muck soil.

**Important:** Crop injury may occur from applications made to poorly drained soils and/or applications made under cool, wet conditions. Severe crop injury will result when soils are flooded following application of Fierce EZ Herbicide.

<b>Field Corn (Minimum and No-till) – APPLICATION RATES</b>	
<b>APPLICATION RATE (mL/ha)<sup>1</sup></b>	<b>COMMENTS</b>
440	<p>Preemergence: Apply prior to weed emergence between 7 and 30 days prior to planting field corn in the spring, into no-till or minimum tillage fields. Application may also be made in the fall, prior to planting.</p> <p>Postemergence: When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 1.2 kg a.e./ha.</p> <p>Fall applications should be made prior to ground freeze and must not be made on top of snow cover.</p>

<sup>1</sup> Refer to Table 1 for list of controlled weeds.

## TANK MIX PARTNERS

Fierce EZ Herbicide may be tank mixed with other herbicides for increased burndown activity, additional residual broadleaf and/or additional grass control. Recommended tank mix partners include glyphosate, 2,4-D, atrazine, dicamba, BlackHawk Herbicide, Conquer II Herbicide, GoldWing Herbicide, Gramoxone 200 SL, Simadex Simazine Flowable, Princep Nine-T Herbicide, and Simazine 480 Herbicide.

## DIRECTIONS FOR USE IN SPRING AND WINTER WHEAT (Minimum and No-till ONLY)

### APPLICATION TIMING

#### Preemergence Applications (Spring)

Fierce EZ Herbicide provides preemergence control of susceptible weeds in wheat. Apply Fierce EZ Herbicide with ground equipment at minimum 7 days prior to planting wheat into no-till or minimum tillage fields. Wheat must be planted a minimum of 2.5 cm (1 inch) deep to ensure crop safety.

### USE PRECAUTIONS

- Do not use on durum wheat.
- Use only on no-till or minimum tillage fields where last year's crop residue has not been incorporated into the soil. Crop injury may occur from applications made to poorly drained soil and/or applications made under cool, wet conditions. Severe crop injury will result when soils are flooded following applications of Fierce EZ Herbicide.
- Do not irrigate wheat between emergence and spike.
- Weed control will be reduced if there is mechanical incorporation into the soil or if emerged weeds are controlled by cultivation. Do not perform any tillage operations after application or weed control will be reduced. No-till planters that incorporate the soil during planting may result in decreased weed control in the row.
- Do not apply to fine-textured soils, peat or muck soil.

<b>Spring and Winter Wheat (Minimum and No-till) – APPLICATION RATE</b>	
<b>APPLICATION RATE (mL/ha)<sup>1</sup></b>	<b>COMMENTS</b>
440	<p>Preemergence: Apply prior to weed emergence, and at minimum 7 days prior to planting wheat into no-till or minimum tillage fields. Application prior to planting spring wheat may also be made in the preceding fall.</p> <p>Postemergence: When weeds are already emerged, apply Fierce EZ Herbicide as a tank mix with a glyphosate product, present as isopropyl amine or potassium salt, at 1.2 kg a.e./ha.</p> <p>Fall applications should be made prior to ground freeze and must not be made on top of snow cover.</p>

<sup>1</sup> Refer to Table 1 for list of controlled weeds.

### **TANK MIX PARTNERS**

Fierce EZ Herbicide may be tank mixed with other herbicides for increased burndown activity, additional residual broadleaf and/or additional grass control. Recommended tank mix partners include glyphosate, 2,4-D, MCPA, BlackHawk Herbicide, Conquer II Herbicide, ThunderHawk A Herbicide, ThunderHawk B Herbicide, and GoldWing Herbicide.

Fierce is a registered trademark of Valent U.S.A. LLC

All other products mentioned are the trademarks or registered trademarks of their respective companies.



# Fierce<sup>®</sup> EZ Herbicide

SUSPENSION  
COMMERCIAL

**FOR CONTROL OR SUPPRESSION OF LABELLED WEEDS IN LABELLED CROPS**

**ACTIVE INGREDIENTS:**

Flumioxazin.....	160.0 g/L
Pyroxasulfone.....	203.0 g/L

Contains 1,2-benzisothiazolin-3-one at 0.04% as a preservative, or contains 5-Chloro-2-methyl-4-isothiazolin-3-one at 0.0017% and 2-methyl-4-isothiazolin-3-one at 0.0006% as preservatives

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN**

REGISTRATION NO.: 33869 PEST CONTROL PRODUCTS ACT

**Net Contents: 0.05 Litres – Bulk**

Valent Canada, Inc.  
201-230 Hanlon Creek Blvd.,  
Guelph, Ontario N1C 0A1  
Phone: 519-767-9262

## NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label.

## FIRST AID

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

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

**IF INHALED:** Move the person to fresh air. If the 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 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.

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

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL OR POISONING CALL  
1-800-892-0099***

## TOXICOLOGICAL INFORMATION

There is no specific antidote for this product. Apply symptomatic therapy.

## PRECAUTIONS

**KEEP OUT OF THE REACH OF CHILDREN.** Harmful if absorbed through skin. Avoid contact with skin or clothing. Follow the personal protective equipment, engineering control, and restriction requirements for the appropriate mixer/loader and applicator scenario as described on the booklet label.

## ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms, non-target terrestrial plants, and to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). See booklet for full user precautions and restrictions.

## **DISPOSAL**

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 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 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.

## **STORAGE**

Store this product away from food or feed. Keep pesticide in original container. Store in a cool, dry, secure place. Do not put formulation or dilute spray solution into food or drink containers. Do not transport near feed or food. Not for use or storage in or around the home.