

Products



Reflex® Herbicide

Uses

CROPS

Reflex offers excellent crop tolerance to all varieties of soybeans, all varieties of dry common bea...

FOR MANAGEMENT OF **REFLEX** delivers effective control of these broadleaf weeds (up to the specified maximum numb...

[View more use info](#)

Application Information

Apply 0.4 L / acre of Reflex (1.0 L / ha) of Reflex. Use Reflex with the surfactant Turbocharge a...

Water Volume

Use a minimum of 20 gal per acre of water and at a pressure of 245 kPa using fan fan nozzles. ...

[View more application info](#)

Tank Mixes



[View more tank-mixes info](#)

Technical Information

CHEMISTRY GROUP
Group 14 herbicide

ACTIVE INGREDIENTS
Fomesafen

PHI: **90 days (soybeans). See label for all other crops**
REI: **12 hours**

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Label and MSDS

Label

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MSDS

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About this Product

Reflex selective post-emergent herbicide gives you what you're looking for when it comes to controlling broadleaf weeds in your beans. Reflex provides fast knockdown and short-term residual broadleaf weed control including all biotypes of ragweed, pigweed and nightshade.

Product Benefits

- Broad spectrum post-emergence control of tough broadleaf weeds.
- Controlling ragweed with Reflex selective post-emergent herbicide protects your crops from a threat that steals precious yield if left unchecked.
- Reflex has been shown to be an effective alternative to Group 2 herbicides.

Packaging

Reflex is available in cases of 2x10 L jugs.

Each case of Reflex treats 20 ha (50 acres).

Uses

Reflex offers excellent crop tolerance to all varieties of soybeans, all varieties of dry common beans and snap common beans (yellow and green). Do not treat any crop other than those listed above.

For management of

REFLEX delivers effective control of these **broadleaf weeds** (up to the specified maximum number of leaves in brackets):

- Cocklebur (4)
- Common ragweed (4)
- Eastern black nightshade (4)
- Lady's thumb (4)
- Lamb's quarters* (3)
- Redroot pigweed (4)
- Tall waterhemp* (4)
- Velvetleaf* (3)
- Volunteer canola (4)
- Wild mustard (4)

*suppression only

Application should be made when the main flush of weeds is complete and the majority of the weeds are at the cotyledon to 3 or 4 true leaf stage.

Application Information

Use Rates

Apply 0.4 L / acre of Reflex (1.0 L / ha) of Reflex. Use Reflex with the surfactant Turbocharge at 0.25% v/v of spray solution.

Water Volume

Use a minimum of 20 gal per acre of water and at a pressure of 245 kPa using fan fan nozzles.

It is essential to achieve good coverage and ample penetration of foliage.

Application Method

Ground

Application Information

Apply Reflex using ground equipment only. Spray using a minimum water volume of 200 L/ha (80 L/ac or 20 gpa).

Apply Reflex at the early post-emergent **1-4 leaf weed stage**, the time that studies have shown to deliver the most effective control of ragweed and other yield-robbing weeds. Apply when weeds are actively growing and:

- Soybeans, dry beans and snap beans are at **1-2 trifoliate leaf stage**.
- The main flush of weeds is complete, with the majority of weeds at the cotyledon to 4 true leaf stage.

Reflex is a contact herbicide, so it's important to get good coverage and penetration of foliage for maximum results. Do not apply more than once a season, or to any field two years in a row.

Apply at a pressure of 245 kPa. Increased water volume (350L) and pressure (420 kPa) are recommended for heavy weed densities or weeds that are at the upper limit of the recommended stage for treatment. Avoid overlap when spraying. Do not apply when wind velocity is greater than 15 km/h.

Effects of Weather

- Unaffected by rain falling four hours after application.

Use Restrictions

- Re-entry interval: 12 hours
- It is essential to achieve good coverage and ample penetration of the foliage.
- Apply when weeds are actively growing.
- Some bronzing, crinkling or spotting of soybean, dry edible bean and snap bean leaves may occur, but plants normally outgrow these effects with no adverse effects on maturity or crop yield.

Tank Mixes

Use Reflex tank mixes for more complete, one-pass control.

- Pinnacle
- Pursuit
- Venture L

The tank mix of Venture L + Reflex can also be used on dry beans.

Technical Information

Chemistry Group

Group 14 herbicide

Mode of Action

Reflex is a contact herbicide containing 240 g/L of fomesafen (as sodium salt). Reflex absorbs on contact and dries in just one hour. Effects can be seen in one to three days, depending on the weed.

Resistance Management

For resistance management, Reflex is a **Group 14 herbicide**. Any weed population may contain or develop plants naturally resistant to Reflex 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.

Group 2 Alternative:

Resistance to ALS inhibitor (Group 2) chemistry exists in Canada on:

- chickweed
- common ragweed
- hempknettle
- kochia
- nightshade
- redroot pigweed

- wild mustard
- wild oats

Redroot pigweed resistance to Group 2 herbicides has been found in several counties in south-western and south-central regions of the province. Reflex has been shown to be an effective alternative to Group 2 herbicides.

Labels & MSDS

Label [Download](#)

Description A liquid herbicide for selective postemergence broadleaf weed control in soybeans, dry common beans, snap common beans (yellow and green).

Active ingredient Fomesafen

Approved provinces MB, NB, NF, NS, ON, PE, QC

Approved crops Beans, dry (common), Beans, green snap (common), Beans, Otebo, Beans, snap (common), Beans, yellow snap (common), Cucumber, Potatoes, Soybeans

MSDS [Download](#)

Disclaimer – ALWAYS read and follow label directions. Please use this information above only as a guideline and not an exact description.

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