



# The Clearfield® Production System for Canola

## Clearfield Canola

- The **Clearfield®** Canola System *is the only system that **offers control of flushing weeds in one-pass and*** provides flushing control of volunteer canola and cleavers
- Earn premiums through **specialty non-gmo** contracts and **Nexera specialty oil**
- The **Clearfield** Canola System offers new, **high yielding hybrids from leading seed partners**

# Clearfield canola varieties

The **Clearfield** Production System has the canola hybrid for every need.

## Brevant seeds canola for Nexera™ contracts

Nexera 2024 CL	Nexera 2026 CL	Nexera 2028 CL *NEW*
<ul style="list-style-type: none"><li>• Improved yield potential</li><li>• Good early-season vigour</li><li>• Multi-gene blackleg resistance</li><li>• Excellent standability</li><li>• Pod-shatter reduction</li></ul>	<ul style="list-style-type: none"><li>• Improved yield potential</li><li>• Good early-season vigour</li><li>• Multi-gene blackleg resistance</li><li>• Excellent standability</li></ul>	<ul style="list-style-type: none"><li>• Improved yield potential</li><li>• Good early-season vigour</li><li>• Multi-gene blackleg resistance</li><li>• Excellent standability</li><li>• Clubroot resistance</li></ul>

## Pioneer® canola

PHL 46H75 CL	PHL 45H76 CL
<ul style="list-style-type: none"><li>• Excellent early growth</li><li>• Outstanding standability and harvestability</li><li>• Resistant to blackleg</li><li>• Good straight-cut rating</li></ul>	<ul style="list-style-type: none"><li>• Mid-maturity hybrid</li><li>• Very good standability</li><li>• Resistant to blackleg and fursarium wilt</li></ul>

## Proven® canola

Proven PV 200 CL
<ul style="list-style-type: none"><li>• Mid-season high-yielding hybrid</li><li>• Strong resistance to blackleg</li><li>• Excellent standability rating</li></ul>

## Cargill canola

Victory® V33-1CL
<ul style="list-style-type: none"><li>• Multi-gene blackleg resistance</li><li>• Late maturity</li><li>• Excellent standability</li></ul>

## BrettYoung™ canola

BrettYoung 5545 CL	BrettYoung 5535 CL
<ul style="list-style-type: none"><li>• Blackleg resistant</li><li>• Excellent standability</li><li>• Mid-maturity</li><li>• Excellent yield</li></ul>	<ul style="list-style-type: none"><li>• Blackleg resistant</li><li>• Very good standability</li><li>• Mid-maturity</li><li>• Excellent yield</li></ul>

## Canterra canola

CS2500 CL *NEW*	CS2200 CL
<ul style="list-style-type: none"><li>• Excellent yield potential</li><li>• Multi-gene blackleg resistance</li><li>• Excellent lodging resistance</li></ul>	<ul style="list-style-type: none"><li>• Strong yield potential</li><li>• Multi-gene blackleg resistance</li><li>• Excellent lodging resistance</li></ul>



**Clearfield®**  
Production System for Canola

## **Ares® herbicide for Clearfield Canola**

## Ares Herbicide

- Only herbicide-tolerant canola system that controls emerged volunteer canola, non-Group 2 cleavers, wild buckwheat and lamb's quarters
- Controls subsequent flushes of volunteer canola (Roundup Ready® & LibertyLink®) and non-Group 2 cleavers
- Wide window of application on both crop and weeds
- Liquid formulation for control of both broadleaf and grassy weeds



# Ares

## Ares®

Clearfield® Production System Herbicide

- **One case treats 40 acres**
  - ▶ 1 jug (9.8L) of Ares® liquid herbicide
  - ▶ 1 jug (8.1L) of Merge® liquid surfactant (Merge included)
- **Formulation: liquid concentrate**
  - ▶ Active ingredients: 33 g/L imazamox + 15 g/L imazapyr
- **Rate: 245 ml/acre**
- Ground application at 5 to 10 gal/ac water volume
- **Clearfield canola:** 2 to 7 true-leaf stage (prior to bud and flower formation)



## Herbicide System Comparison

- Ares provides the widest weed staging window

WEED STAGING COMPARISON			
Key Weeds	Ares	Roundup®	Liberty® + Group 1 graminicide
Wild buckwheat	1 to 6 leaf	3 to 4 leaf	1 to 3 leaf
Lamb's quarters	1 to 6 leaf	<6 inches	1 to 6 leaf
Cleavers	1 to 4 whorls	<6 inches	1 to 2 whorls
Wild oats	1 to 6 leaf	1 to 6 leaf	1 to 6 leaf

# Ares Grassy Weed Control

- Barnyard grass
- Green foxtail
- Spring germinating Japanese brome grass
- Wild oats
- Yellow foxtail
- Persian darnel
- Volunteer canary seed
- Volunteer durum wheat
- Volunteer barley
- Volunteer tame oats
- Volunteer spring wheat (non-**Clearfield** wheat)

- **Weed staging:**

Grassy weeds: 1 to 6 true leaf stage with up to 2 tillers

Japanese brome: 1 to 4 leaf stage





# Ares Broadleaf Weed Control

- Cleavers
- Chickweed
- Cow cockle
- Green smartweed
- Hemp-nettle
- Lamb's quarters
- Redroot pigweed
- Round-leaved mallow
- Russian thistle
- Shepherd's-purse
- Stinkweed
- Stork's bill
- Volunteer canola (non-**Clearfield** canola varieties only)
- Volunteer tame mustard
- Wild buckwheat
- Wild mustard

## ■ Weed staging:

Broadleaf weeds: cotyledon to 4 leaf stage

Lamb's quarters and wild buckwheat: cotyledon to 6 leaf stage



# Ares Flushing Weed Control

**Ares provides reliable flushing weed control on the following weeds:**

- Stinkweed
- Shepherd's-purse
- Stork's-bill
- Redroot pigweed
- Volunteer canola (non-**Clearfield**)
- Green foxtail
- Chickweed (non-Group 2)
- Cleavers (non-Group 2)
- Wild mustard (non-Group 2)

# Ares Follow Crop Options

**One (1) year after application, the following crops may be grown:**

- Canary seed
- Chickpeas
- Field peas
- Field corn
- **Clearfield** canola
- **Clearfield** juncea
- Lentils, including **Clearfield** lentils
- Spring wheat, including **Clearfield**
- Spring wheat
- Spring barley
- Tame oats

**Two (2) years after application, the following crops may be grown:**

- Canola (all types)
- Flax
- Sunflower
- Durum wheat

**Soybeans can be planted one year after Ares application.**

## Ares Satisfaction Survey

Top four agronomic reasons growers chose  
Clearfield canola and Ares herbicide:





# Clearfield Canola Product Options



# Peace River Region

Ares is only registered for use in the Prairie provinces.

- Not registered for use in the Peace River region of Alberta or British Columbia

## Solo® ADV herbicide

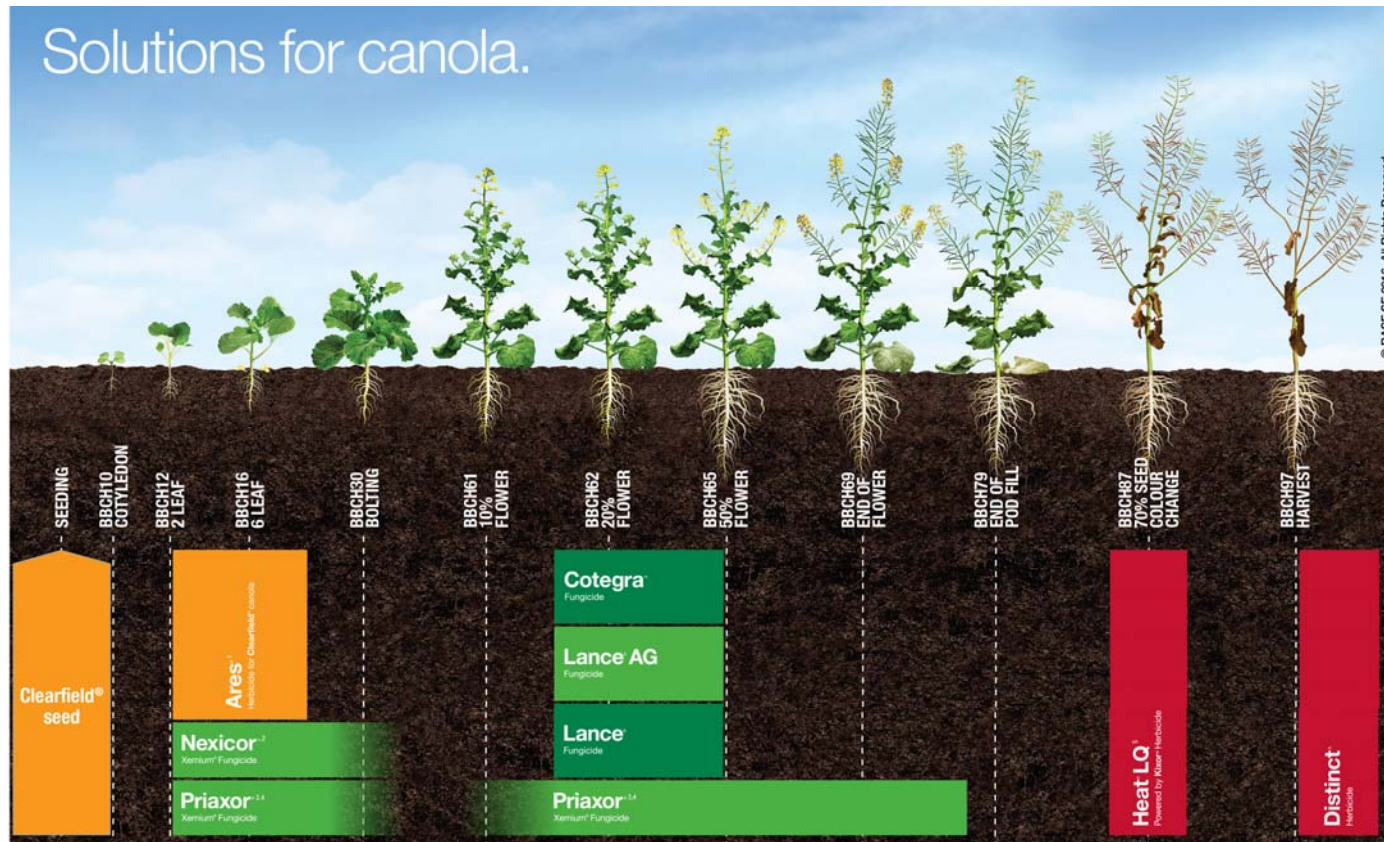
- Can be used as an alternative treatment in this region
- Reliable control of tough weeds
- Excellent re-cropping flexibility

ACTIVE INGREDIENTS	ONE CASE CONTAINS	CROPS
Imazamox (Group 2)	2 x 6.5 L jugs or 3 x 4.33 L jugs One case treats 40 acres.	<b>Clearfield</b> canola (2 to 6 leaf)  <b>Clearfield</b> canola quality <i>Brassica juncea</i> (2 to 6 leaf)  <b>Clearfield</b> lentils (1 to 9 node)  <b>Clearfield</b> sunflowers (2 to 8 leaf) <b>Clearfield</b> XCEED® <i>Brassica juncea</i> (2 to 6 leaf) Soybeans (cotyledon to 4 leaf)
WEEDS CONTROLLED		
<b>Selected broadleaf weeds (cotyledon to 4 leaf stage)</b> Cleavers (1 to 4 whorls), <sup>1</sup> cow cockle, green smartweed, lamb's quarters, redroot pigweed, round-leaved mallow, <sup>1</sup> Russian thistle, shepherd's purse, stinkweed, volunteer canola, <sup>2</sup> wild buckwheat, <sup>1</sup> wild mustard		
<b>Selected grasses (1 to 4 true leaf stage)</b> Barnyard grass, green foxtail, Japanese brome grass, <sup>1</sup> Persian dandel, volunteer barley, volunteer canary seed, volunteer durum wheat, volunteer spring wheat, <sup>2</sup> volunteer tame oats, wild oats, yellow foxtail		
<sup>1</sup> Suppression only. <sup>2</sup> Non- <b>Clearfield</b> varieties.		

# Facet L Technical Information

ACTIVE INGREDIENTS	ONE CASE CONTAINS	CROPS
Quinclorac (Group 4 and 26)	2 x 9.07 L jugs One case treats 65 to 160 acres, depending on rate used.	Canola (pre-seed/pre-emergence to 6 leaf)  Wheat (spring and durum) (1 to 5 leaf)  Barley (spring) (1 to 4 leaf)  Canary seed (3 to 5 leaf)  See label for complete list of crops.
WEEDS CONTROLLED		
<b>Selected broadleaf weeds</b> Cleavers (1 to 3 whorls), <sup>1</sup> sow thistle (annual and perennial) (2 to 6 leaf) <sup>2</sup>  <b>Selected grasses</b> Barnyard grass (1 to 5 leaf), green foxtail (up to 2 tillers), <sup>3</sup> volunteer flax (1 to 8 cm)  <sup>1</sup> Suppression only. <sup>2</sup> For control of secondary flushes, use higher application rate of 279 ml/ac (690 ml/ha). <sup>3</sup> For suppression of secondary flushes, use higher application rate of 227 ml/ac (560 ml/ha).		

# BASF Canola Products



## Frequently Asked Questions

**I don't want to grow Clearfield canola because I want re-cropping flexibility the next year. What are my options?**

There are other chemistry options that allow growers to seed non-**Clearfield** canola the following season – Solo ADV for example.

**I can't grow winter wheat or durum wheat if I use Ares herbicide. Is there another herbicide I can use?**

There are other chemistry options, including Solo ADV, that can be used if you want to seed winter wheat in the fall, and Odyssey® Ultra can be used if durum wheat is a concern the following season.

## Frequently Asked Questions

### **I like to save Group 2 chemistry for pulse and cereal crops.**

It is a good practice to rotate herbicide chemistry; however, there are lots of options in these crops to tank mix with other herbicide groups to manage resistance.

### **How do I control Clearfield canola volunteers in my pulses?**

We recommend a pre-seed application of Heat<sup>®</sup> LQ to manage canola volunteers early in the spring. Viper<sup>®</sup> ADV also controls volunteer **Clearfield** canola in field peas.

### **I can't use Ares herbicide if I want to underseed alfalfa. What options do I have in this situation?**

Odyssey Ultra can be used if underseeding alfalfa.





We create chemistry