

# MAXIMIZE YOUR FLEXIBILITY AND YIELD POTENTIAL

**TruFlex™**  
CANOLA with Roundup Ready® Technology

**LIBERTY LINK®**



## THE TRAIT

TruFlex™ canola with Roundup Ready® and LibertyLink® Technologies is the canola trait for farmers who want to use all of the tools available to them, with the ability to adjust their canola system as needed depending on the weed spectrum in their fields.

## HERBICIDE TOLERANCE

- Glyphosate (Group 9)
- Glufosinate (Group 10)

## WHAT THE TRAIT CAN DO FOR YOU

TruFlex™ canola with Roundup Ready® and LibertyLink® Technologies gives farmers the ability to choose the herbicide options based on their management practices, field conditions and weed spectrum which goes a long way to maximizing yield potential.

## FEATURES AND BENEFITS

- Customized management techniques
  - Multiple herbicide combinations
  - Flexibility to choose herbicide options based on individual fields and weed spectrum
- Exceptional control of tough weeds
  - Maximum weed control without giving up crop safety
- Manage herbicide resistance
  - Provides an effective tool for managing and delaying herbicide resistance

## EFFECTIVE WEED CONTROL

TruFlex™ canola with Roundup Ready® and LibertyLink® Technologies provides exceptional control of many key weeds that are becoming more of an issue across Western Canada including kochia, wild oats, cleavers and waterhemp. Plus, growers also have the benefit of the weed control provided by Roundup® and Liberty® branded herbicides.



KOCHIA<sup>1</sup>



WILD OATS<sup>1</sup>



CLEAVERS<sup>1</sup>



WATERHEMP<sup>2</sup>

<sup>1</sup>Source: Canola Council of Canada

<sup>2</sup>Source: © Queen's Printer for Ontario, 2016. Reproduced with permission. Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) / Mike Cowbrough, Weed Specialist (Field Crops) and Chief Inspector (Weed Control Act)

## HOW TO GET THE MOST OUT OF THE SYSTEM

### CONTROL WEEDS EARLY

It's always important to start with a pre-seed burndown using a pre-seed tank mix partner to ensure a weed-free period from emergence up to the two-leaf stage. Early weed control is key to strong stand establishment and ultimately higher yield potential.

There are multiple herbicide combinations with the TruFlex™ canola with Roundup Ready® and LibertyLink® Technologies – the following are some proven approaches using the system for specific weed pressures:

### WILD OAT CONTROL

- Apply 0.67 L/ac. of Roundup® branded herbicide before canola reaches the two-leaf stage
- If required, come back in with an application of 1.6 L/ac. of Liberty® herbicide to control any late flushes of broadleaf weeds

### GLYPHOSATE-RESISTANT KOCHIA CONTROL

- Apply Liberty® at the 1.6 L/ac. rate prior to the kochia reaching 4 inches
- Second, apply a Roundup branded herbicide at the 0.67 L/ac. rate 10–14 days later to control additional grass and broadleaf weeds

### CLEAVER CONTROL

- Apply 0.67 L/ac. of a Roundup branded herbicide before canola reaches the two-leaf stage
- If required, come back in with an application of 0.67 L/ac. of a Roundup branded herbicide before first flower\*

\*First flower is when 50% of the plants in the field have no more than one flower.

## WEED CONTROL COMPARISON



Roundup® herbicide at 0.67 L/ac. followed by Roundup herbicide at 0.67 L/ac. a week later



Liberty® herbicide at 1.62 L/ac. with 75 ml/ac. Centurion® herbicide followed by Liberty® herbicide at 1.6 L/ac. a week later



Liberty® herbicide at 1.62 L/ac. with 75 ml/ac. Centurion® herbicide followed by Roundup herbicide at 0.67 L/ac. a week later

Source: Bayer Research Trials, Carseland, AB, 2020.

Your results may vary according to agronomic, environmental, pest and disease pressure variables.

## CONTROLLING VOLUNTEER CANOLA

Use best management practices as they exist today for controlling volunteer canola including:

- Do not rely on glyphosate alone to control volunteer canola, regardless of canola herbicide system, as this can lead to other issues, including increased resistance
- Where possible, always include an effective tank mix partner with Roundup herbicide
- Numerous herbicides with different modes of actions are available to control volunteers
- Practice other cultural methods such as crop rotation and managing harvest losses to reduce the amount of volunteer canola

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready® Technology contains genes that confer tolerance to glyphosate. LibertyLink® Technology contains genes that confer tolerance to glufosinate. Glyphosate will kill crops that are not tolerant to glyphosate. Glufosinate will kill crops that are not tolerant to glufosinate. Bayer, Bayer Cross, Roundup®, Roundup Ready® and TruFlex™ are trademarks of Bayer Group. Used under license. Liberty®, LibertyLink® and the Water Droplet Design® are trademarks of BASF. Used under license. All other products mentioned are registered trademarks of their respective companies. ©2021 Bayer Group. All rights reserved.

