

## PERFECT BASE LAYER FOR CANOLA WEED CONTROL PROGRAMS

Fortress<sup>®</sup> has both Group 3 and Group 8 herbicides to provide control of wild oats, green foxtail\* and yellow foxtail, and suppression of certain annual broadleaf weeds.

### ROTATE TO GROUP 3 AND 8 HERBICIDES

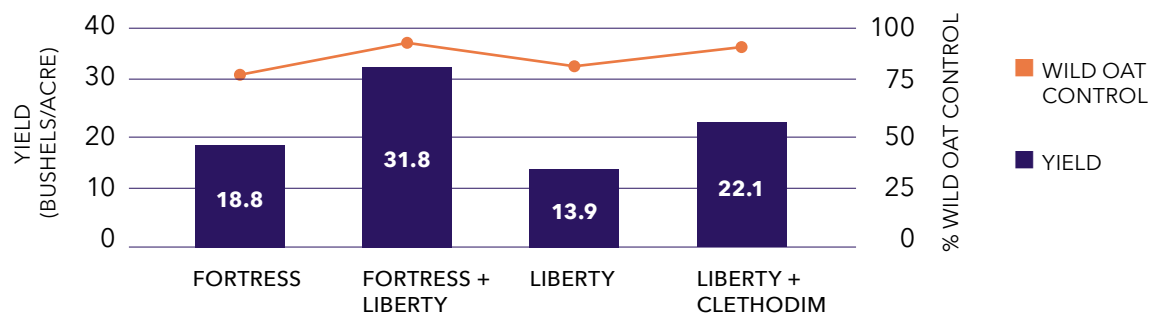
Herbicide layering, or using a pre-emergent herbicide prior to an in-crop herbicide application, is a recommended way to use multiple modes of action to help manage herbicide resistance. Add Fortress<sup>®</sup> as a base layer to your weed control program to reduce reliance on post-emergent herbicides and enhance your yields due to reduced early-season weed pressure. Fortress controls Group 1 and Group 2 resistant wild oats, too.

### PRE-EMERGENT YIELD ADVANTAGE

A 2007 University of Saskatchewan study shows how including Fortress can maximize yield with reduced early-season weed pressure. The level of wild oat control is similar for the Fortress + Liberty<sup>®</sup> and Liberty + Clethodim treatments, however, the yield of the program approach is much higher. Reduced early-season weed pressure also allows more flexibility with the timing of the post-emergent herbicide application.

### YIELD RESULTS AND WILD OAT CONTROL - FORTRESS IN LIBERTYLINK SYSTEM

Very heavy wild oat pressure - over 350 plants/sq metre



### USE IN CONVENTIONAL, MINIMUM OR ZERO-TILL FIELDS

MicroActiv technology establishes a continuous herbicide barrier in any field, including those under minimum or zero tillage. Now, all growers can profit from the resistance management and no-leaf stage wild oat control benefits of Fortress.

<b>REGISTERED CROPS</b>	Canola, flax, mustard, wheat (spring and durum), barley
<b>WEEDS CONTROLLED</b>	Wild oats (including Group 1 and Group 2 resistant biotypes), green foxtail* (including Group 1 resistant biotypes), yellow foxtail
<b>WEEDS SUPPRESSED</b>	Kochia, lamb's quarters, redroot pigweed, Russian thistle, wild buckwheat

\*Does not include trifluralin-resistant green foxtail.

# FORTRESS<sup>®</sup>

MICROACTIV  
HERBICIDE (GR 3,8)

<b>ACTIVE INGREDIENTS</b>	Trifluralin - Group 3 - dinitroaniline, and Triallate - Group 8 - thiocarbamate
<b>FORMULATION + PACKAGING</b>	14% granular available in 453.6 kg minibulks or 22.7 kg bags
<b>SYMPTOMOLOGY</b>	Wild oats will grow through the treated layer, absorb the active ingredient through shoot material and not emerge. Green and yellow foxtail are controlled as they germinate. Broadleaf weeds will have reduced populations and reduced vigour.
<b>CROP ROTATION</b>	<b>Do not</b> seed oats, sugar beets, or small-seeded annual grasses such as timothy, canary seed grass, or creeping red fescue the following year. <b>Do not</b> use for wheat if trifluralin has been used since June 1 of previous year.

## APPLICATION TIPS

Use of a properly calibrated Valmar or floater is essential.

Spring application should take place a minimum of 10 to 14 days before seeding.

Fall application should take place when the average soil temperature at a depth of 5cm is 4°C or less and within 3 weeks of soil freeze up. This situation generally occurs by October 1 across Western Canada.

A single heavy harrow pass is sufficient for incorporation in minimum or zero-till fields. Two passes are recommended in conventional-till fields.

## USE RATES

Crop	<2% OM	2-4% OM	4-6% OM	>6% OM	Seeding Depth
Spring, durum wheat	Do Not Use	11 kg/ha* (10 lbs/ac)	11-14 kg/ha** (10-12.5 lbs/ac)	14 kg/ha (12.5 lbs/ac)	Minimum 1.5" (place seed ½" below incorporation depth)
Barley	11 kg/ha* (10 lbs/ac)	11-14 kg/ha** (10-12.5 lbs/ac)	14 kg/ha (12.5 lbs/ac)	17 kg/ha (15 lbs/ac)	
Canola, flax, mustard	14 kg/ha (12.5 lbs/ac)	14 kg/ha (12.5 lbs/ac)	14 kg/ha (12.5 lbs/ac)	17 kg/ha (15 lbs/ac)	As desired

\*11 kg/ha for fall only. Do NOT USE in spring. \*\*14 kg/ha for fall only. Please refer to product label for complete rate details.

For more information call 1-800-960-4318, email [info@gowanco.com](mailto:info@gowanco.com) or visit [gowanCanada.com](http://gowanCanada.com).

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PCPA Reg No. 19521. ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

**Gowan**<sup>®</sup>  
CANADA