

# DIVERSIFIED WILD OAT CONTROL

**Avadex<sup>®</sup> MicroActiv is a highly active, easy-to-apply granular herbicide that can be used in all types of tillage situations.**

## MANAGE HERBICIDE RESISTANCE - ROTATE TO GROUP 8

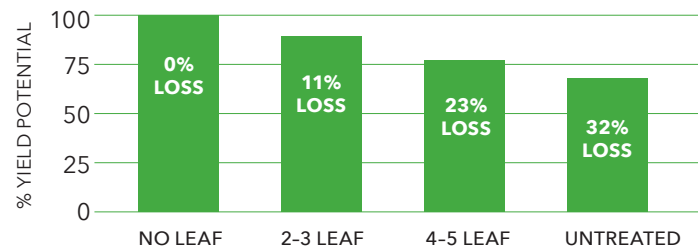
Herbicide layering, using a pre-emergent herbicide prior to an in-crop herbicide application, is a recommended way to use multiple modes of action to help manage herbicide resistance. Avadex<sup>®</sup> MicroActiv is a Group 8 herbicide and is an ideal choice for a base layer in a wild oat herbicide-resistance management program. Use Avadex MicroActiv to control susceptible wild oats, including Group 1 and Group 2 resistant wild oats.

## PRE-EMERGENT YIELD ADVANTAGE

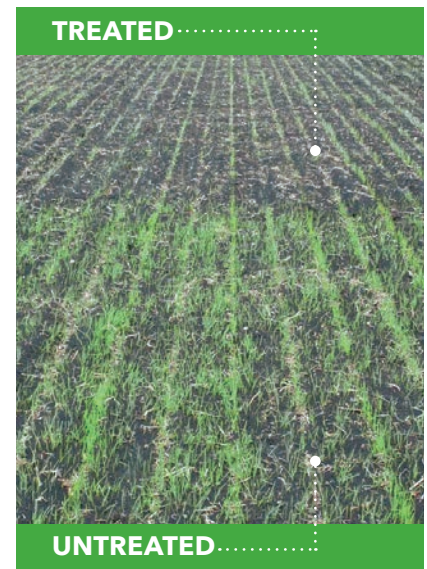
Any early-season competition from wild oats will reduce yields, even with as few as three plants per square metre (*Ag Canada, Lacombe*). The photo below shows how Avadex allows your crop to grow with reduced competition, avoiding the 11% and 23% yield losses when wild oats are removed at the 2-3 or 4-5 leaf stage.

## TIMING OF WILD OAT REMOVAL

Reduced early-season weed pressure allows more flexibility with the timing of the post-emergent herbicide application.



Source: Monsanto 4-year Independent Study.



Source: Gowan Canada Trial.

## USE IN MIN-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 Avadex.

<b>REGISTERED CROPS</b>	Barley, canary seed, canola, durum wheat, flax, mustard, spring wheat, sugar beets
<b>WEEDS CONTROLLED</b>	Wild oats (including Group 1 and Group 2 resistant biotypes)

# AVADEx<sup>®</sup>

MICROACTIV  
HERBICIDE (GR 8)

<b>ACTIVE INGREDIENT</b>	Triallate - Group 8 - thiocarbamate
<b>FORMULATION + PACKAGING</b>	10% granular MicroActiv available in 451.3 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.
<b>CROP ROTATION</b>	<b>Do not</b> seed oats the following year. All other crops can be grown the year after application.

## APPLICATION TIPS

Use of a properly calibrated Valmar or floater is essential.

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.

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

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% OM	Seeding Depth
Spring or durum wheat, barley, canary seed	11 kg/ha* (10 lbs/ac)	14 kg/ha (12.5 lbs/ac)	17 kg/ha (15 lbs/ac)	Minimum 1.5" (place seed ½" below incorporation depth)
Canola, flax, mustard	14 kg/ha (12.5 lbs/ac)	17 kg/ha (15 lbs/ac)	22 kg/ha (20 lbs/ac)	As desired

\*Do not apply in fall on minimum tillage fields with less than 2% organic matter. 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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