

DIVERSIFIED WILD OAT CONTROL

Avadex[®] 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

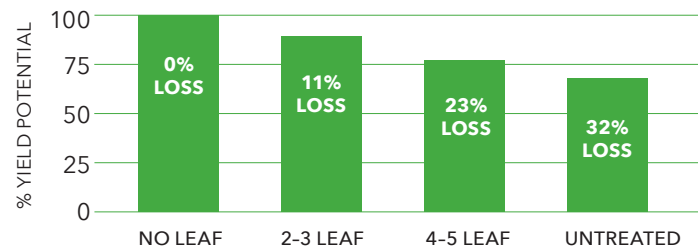
Herbicide layering, using a pre-emergent herbicide prior to an in-crop herbicide application, is a recommended way to use multiple modes of action to help manage herbicide resistance. Avadex[®] MicroActiv is a Group 8 herbicide and is an ideal choice for a base layer in a wild oat herbicide-resistance 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.

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

AVADEx[®]

MICROACTIV
HERBICIDE (GR 8)

ACTIVE INGREDIENT	Triallate - Group 8 - thiocarbamate
FORMULATION + PACKAGING	10% granular MicroActiv available in 451.3 kg minibulks or 22.7 kg bags
SYMPTOMOLOGY	Wild oats will grow through the treated layer, absorb the active ingredient through shoot material and not emerge.
CROP ROTATION	Do not 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 - SPRING OR FALL APPLICATION

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.

For more information call 1-800-883-1844, email info@gowan.com or visit gowancanada.com.

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ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

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