

GROUP 1 AND 2 RESISTANT WILD OATS ARE ON THE RISE. **ADD A GROUP 8.**

By controlling wild oats before they emerge, you will reduce the selection pressure for post-emergent herbicides.

WHO?

With or without resistance, wild oat is a major weed across Western Canada. Avadex[®] Liquid EC Herbicide is a great fit for growers who have been relying on group 1 and group 2 herbicides for wild oat control. The latest Agriculture and Agri-Food Canada herbicide research study shows that wild oats resistant to group 1 and group 2 herbicides are increasing. In Manitoba 79 percent of fields had resistance to group 1, group 2, or both modes of action. In Saskatchewan the number was 65 percent. So whether you have resistance or just have wild oats, it's time to add Avadex[®] Group 8 to your herbicide rotation.

WHAT?

Avadex[®] Liquid EC Herbicide is a great base layer for a PRE + POST herbicide program (sequential program). By adding the group 8 and removing up to 80% of wild oats before they emerge, you will reduce your risk of developing resistance to the post-emergent herbicide mode of action you use.

WHY?

Multiple research studies have proven that early weed removal is important for maximum yields. Whether it is wheat, barley, canola, peas, or other crops, keeping fields clean when plants are young is extremely important. Also Avadex[®] is a Group 8 Herbicide so it will help with concerns of resistant wild oats. Another reason is that you will have less wild oats growing in-crop to control with a post-emergent herbicide which allows greater flexibility in timing.

WHEN?

Get your Avadex[®] on when it fits your operation. With Avadex Liquid EC, the best time is in spring right up to seeding. Can be tank-mixed with spring burnoff application.

Right up to the day or seeding or as post-seeding pre-emergent application

APPLICATION

Apply Avadex[®] Liquid EC with any sprayer.

Ensure Avadex Liquid EC is applied to fields with less than 30% ground covered by crop residue for best performance. If too much of the ground is covered by residue, too much of the active ingredient will be tied up and will not reach the soil where it needs to be!

Incorporation

Want the most out of your investment? Then incorporate.

A study from Agriculture and Agri-Food Canada in Regina in 1996 compared the loss of triallate from the soil each day for 24 days after application on the 20th of May. An incorporation pass was done at day 14. The triallate concentration in the soil became significantly more stable after incorporation, even with increasing temperatures. A simple heavy harrow pass is recommended and the sooner after application, the better.

Two passes are also better than one!

CROPS

Wheat, durum, barley, canary seed, canola, flax, yellow mustard, brown mustard, oriental mustard, sugar beets and field peas

WEEDS

Controlled: wild oats

How It Works

Avadex® is taken up by the shoots of wild oats as they grow through the treated layer. The most important aspect of using Avadex® is to ensure it is evenly sprayed on the soil and incorporated into the top layer to create a blanket that will intercept as many of the wild oats that are trying to grow through the layer. Clods of soil or clumps of crop residues that prevent an evenly mixed layer may allow wild oats to grow through without taking up the product.

Re-Cropping

Do not seed oats the year following Avadex® application.

Formulation and Packaging

480 g/L EC available in 2 x 10 L case, 115 L drum or 946.25 L tote.

Other Tips

Don't forget to do a burnoff before crop emergence.

Use rates

Crop	Use rates		Seeding Depth
	<4% OM	Above 4%	
Spring, durum wheat	2.5 L/ha (1.0 L/ac)	2.9 L/ha (1.2 L/ac)	Minimum 1.5" (place seed 1/2" below incorporation depth)
Barley	2.9 L/ha (1.2 L/ac)	3.5 L/ha (1.4 L/ac)	Minimum 1.5" (place seed 1/2" below incorporation depth)
Canola, flax, mustard	3.5 L/ha (1.4 L/ac)	4.6 L/ha (1.4 L/ac)	As desired
Field peas	3.5 L/ha (1.4 L/ac)	3.5 L/ha (1.4 L/ac)	As desired

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For more information call 1-800-960-4318, email info@gowanco.com or visit gowancanada.com.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.