

More than just ryegrass control.

Annual phalaris



Annual Ryegrass



Barley Grass



Brome Grass



Caltrop (Yellow Vine)



Corn Cromwell



Deadnettle



Doublegee



Ivy Leaf Speedwell



Rough Poppy



Sand Fescue



Silver Grass



Speedwell



Volunteer Cereal Oats



White Fumitory



Wild Oats



Winter Grass



Wireweed



Yellow Burrweed



✓ Call in the
Xperts



Getting the Best out of Avadex[®] Xtra plus TriflurX[®]

1. Advantages of Pre-emergent Control

Compelling, independent CRC research has proven that selective pre-emergent herbicides are by far the most economically valuable solution adding a net value of \$31 per hectare per annum over post emergent applications*.

The reasons for this cannot be over emphasised:

- Pre-emergent action eliminates weeds before they compete with the crop for moisture and nutrients
- Lost yield opportunities cannot be recovered later
- Reduction in selection pressure on post-emergent herbicides

2. Why Use Avadex[®] Xtra and TriflurX[®]?

Avadex Xtra and TriflurX provide a one-tool solution for the management of multiple weeds including annual ryegrass, wireweed/hogweed and wild oats. The synergy benefits from the combination provide improved weed control versus using them individually. These soil applied pre-emergent herbicides complement each other with increased efficacy on a broader spectrum of weeds.



3. Registered Uses

- Rates (knife point and presswheel)
 - * Avadex Xtra at 1.6 – 2 L/ha plus TriflurX at 1.5 – 2 L/ha
- Registered Uses
 - * Wheat, barley, triticale and canola crops sown by no-till sowing systems

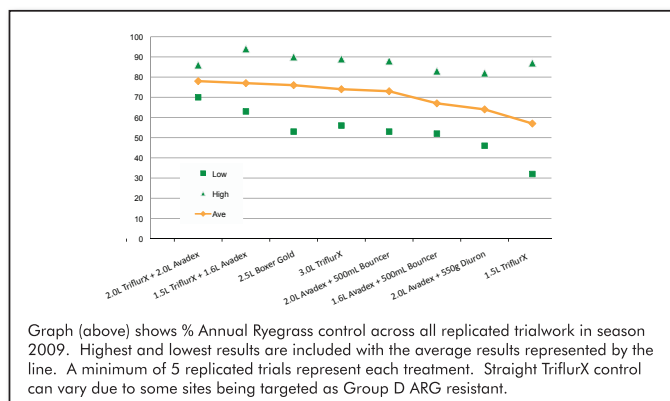
4. Weeds Controlled

- Annual ryegrass, wireweed/hogweed, wild oats, cereal oats, phalaris spp, fumitory, sand fescue, silver grass, winter grass, paradoxa grass/canary grass, corn gromwell/sheepweed, rough poppy
- Suppression – soil surface
 - * Brome grass, barley grass, three-cornered jack/doublegee, caltrop, yellow burr weed, deadnettle, speedwell

5. Benefits of Avadex Xtra and TriflurX

- Cost effective control for a wide range of problem weeds
- Prevents weeds competing with crops from the time of sowing
- Controls grasses as well as certain broadleaf weeds
- Versatile and can be used in a wide variety of cropping situations
- Gives up to 14 weeks protection from subsequent germinations
- Helps manage annual ryegrass resistance and is a useful tool for weed control strategies
- Provide two lethal doses of both herbicide groups
- Available in 20L and refillable 110L and 1,000L containers
- Provide control of many problem weeds including ryegrass with one pass, saving time, labour and money
- Nationwide technical support in the field from Nufarm

6. Avadex Xtra and Triflur X results 2009.



7. How Avadex Xtra and TriflurX work

When both herbicides are incorporated and come into contact with moisture they turn into a gaseous vapour which fills the pore spaces in the soil. The vapour is absorbed by the coleoptile and roots of germinating weeds resulting in inhibited weed growth. Roots appear thicker than normal and almost club-like as lateral root development is reduced. The two complementary modes of action combine to improve efficacy and widen the weed spectrum controlled.

8. No-Till Use

- Soil applied and evenly incorporated by sowing (IBS)
- Germination of weeds is reduced by:
 - * Weed seed not mixed into the soil
 - * Undisturbed inter-row (Figure 1)

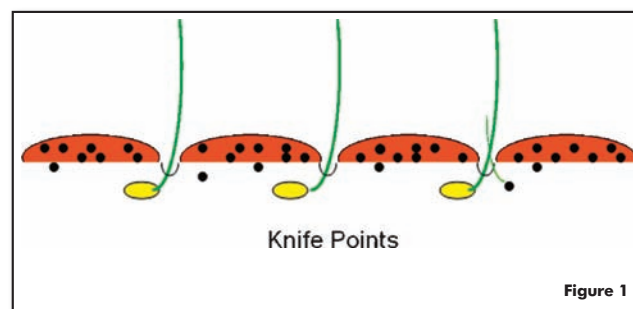


Figure 1

- Achieves weed control by:
 - * Spraying onto weeds at surface
 - * Concentration of Avadex Xtra and TriflurX at weed seed germination zone
- Increased tolerance by:
 - * Improving crop seed/herbicide separation
 - * Sowing at correct depth
 - * Better crop emergence
- Soil throw is critical to ensure that the inter-row is covered, but soil should not be thrown across the inter-row into the adjoining furrow

9. Practical Guidelines for No-Till

a. Pre-plant Knockdown Application

Both products have little or no effect on weeds that have already germinated. Therefore a successful pre-plant 'knockdown' application is of paramount importance to the no-till system. As there is a lack of extensive cultivation at time of sowing, weeds are not controlled via the mechanical sowing operation.

At low weed burdens the knockdown (Roundup PowerMAX® or Nuquat® 250) can be tank mixed with Avadex Xtra and TriflurX in one pass, saving time and money.



b. Knife Point Application

- Avadex Xtra rates of 1.6L/ha to 2.0L/ha plus TriflurX rates of 1.5L/ha to 2L/ha
- COARSE to VERY COARSE spray quality recommended
- Minimum 70L/ha – increase to 100L/ha when penetrating through stubble
- Incorporate within six hours for Avadex Xtra
- Consult with Spraywise Decisions for an up-to-date Spray Planner at www.spraywisedecisions.com.au

Call in the Xperts. For more information contact your Nufarm Regional Office:

	Phone	Fax
Coastal/Central Regions	1800 267 612	1800 267 602
Southern New South Wales	1800 267 612	1800 267 602
Victoria/Tasmania	1800 131 964	1800 133 206
South Australia/Sunraysia	1800 131 964	1800 133 206
Western Australia	1800 131 964	1800 133 206

www.nufarm.com.au/avadextriflurx

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