



Selective Herbicide



# TECHNOTE DRY CONDITIONS WITH AVADEX XTRA + TRIFLURX

**A RELIABLE COMBINATION WHICH IS SUITED FOR A WIDE RANGE OF ENVIRONMENTAL CONDITIONS.**

**Avadex® Xtra + TriflurX® are the perfect tank mix partners to reduce the impact of dry conditions.**

## EFFECTIVENESS

Herbicide properties increase effectiveness in dry conditions:

- 1. Vapour action** - Once incorporated, Avadex Xtra + TriflurX turn into a gaseous vapour filling the pore spaces within soil, this vapour is then absorbed by germinating weeds, inhibiting growth. This action occurs with minimal moisture. If weed seed is sitting in completely dry soil Avadex Xtra + TriflurX will begin to release to vapour right after rain when weeds are germinating. Many other herbicides require sufficient rainfall to move into the weed seed root zone.
- 2. Absorption** in weeds occurs by shoot (inhibits fat synthesis) + root uptake (inhibiting microtubule assembly) = complimentary modes of action.
- 3. Tightly bound to soil particles** - Once incorporated, Avadex Xtra + TriflurX become bound near the soil surface around where key weed seeds lay which allows effective control.
- 4. Residual activity** at recommended rates Trifluralin + Avadex Xtra provides extended control.

## TRIALS

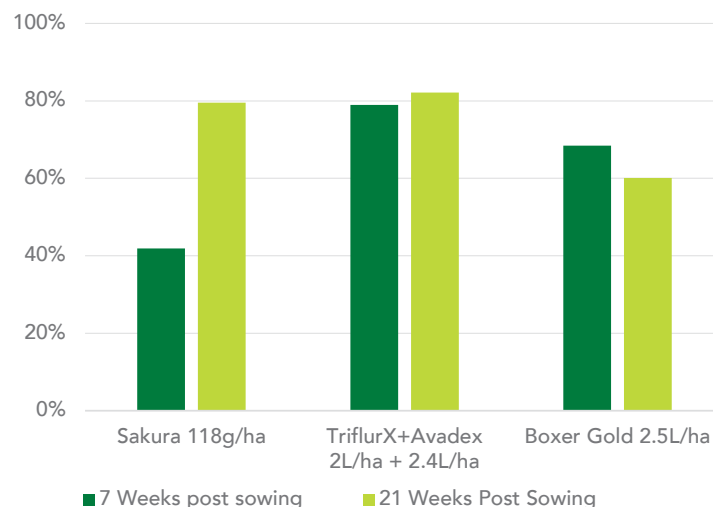
Trials from Winter 2017 demonstrate effectiveness of Avadex Xtra + TriflurX, particularly when **environmental conditions are unpredictable.**

**Rainfall** - All trial sites were sown to wheat in May to early June, with adequate soil moisture. All sites experienced below average rainfall and dry conditions for at least 4-6 weeks post sowing.

Avadex Xtra + TriflurX performed extremely well; especially in length of control versus Boxer Gold.

## Average annual ryegrass control %

**Trial results representing an annual ryegrass control trial, 3 states (WA, NSW and SA) in 2017**



**Not only is Avadex Xtra + TriflurX the pre-emergent mixture of choice in dry conditions, but it performs well if the season turns around and soil moisture is plentiful.**

## RESIDUAL ACTIVITY OF HERBICIDES

Prosulfocarb	Short
Boxer® Gold	Medium
Avadex Xtra	Medium
Sakura®	Long
TriflurX	Long

Summary based on DT50 Values for selected pre-emergent herbicides, as published (soil behaviour of pre-emergent herbicides in Australian farming systems) 2015.

For more information visit [nufarm.com.au](http://nufarm.com.au)

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