



**Is this  
your  
problem?**

**Maybe Trifluralin resistance?**

## Trifluralin Resistance Rife

24% of paddocks throughout the WA wheatbelt have ryegrass populations that are developing trifluralin resistance.

Further concerning is this conclusion came out of a survey done in 2003! Who can guess how bad it is now in 2009?

To fight chemical resistance farmers must consider mixes with Trifluralin outside of the group D of chemicals.

Alternatives to consider are triallate from the E group and metolachlor from the K group of chemicals.

These alternatives are likely to be more economical and maybe as good or better than other highly touted options.

For more information contact 4Farmers or see our website at [www.4farmers.com.au](http://www.4farmers.com.au)

## Metolachlor Makes Big Difference

THE photos you see at the top of these pages come from a trial 4Farmers conducted in 2002.

From a control area where there was 518 ryegrass plants per m<sup>2</sup>, 1L of trifluralin applied pre planting reduced the population by 82% and the same rate of metolachlor applied post plant reduced the population by 43%.

However the same applications applied together gave 97% control and the virtually clean crop in the right hand photo.

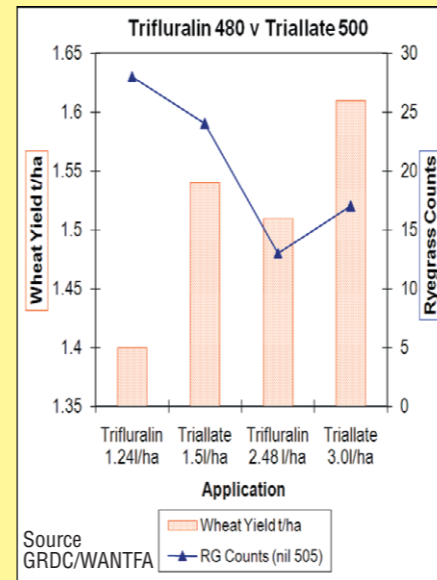
**Super Special  
4Farmers  
Pendimethalin \$5/L.  
Limited stocks.  
Alternative to Trifluralin  
Softer on crop with  
24 hour  
incorporation.**



**This could  
be your  
solution!**

**Consider Triallate and Metolachlor!**

## Triallate – The Under Rated Ryegrass Killer



Triallate has for a long time been known for its wild oat control but its power over ryegrass is grossly under rated.

Its hard not to draw this conclusion when considering the GRDC trial carried out by WANTFA. This trial looked at various options to trifluralin including triallate.

Ryegrass control of triallate was comparable however interestingly when it came to final yield there was a definite trend to suggest triallate was best (see graph).

Other research in SA by the University of Adelaide and Allan Mayfield also illustrated outstanding control from Triallate.

On what was a high ryegrass population suspect to trifluralin resistance 480g/ha (1L/ha) of trifluralin only gave 12% control. Even double that rate of Trifluralin only gave just over 50% control.

However adding 500g/ha of Triallate to the 480g/ha of Trifluralin improved control in the same trial to 72%.

On populations more susceptible to trifluralin, and perhaps with the inclusion in the strategy of other alternatives like metolachlor, the control is sure to improve even more.

Metolachlor did not significantly improve control in this trial because of dry conditions.

**Rush to  
4Farmers  
Now!**

FARMERS clearly need to consider the issue of trifluralin resistance and look at alternatives like triallate and metolachlor.

Combinations with these chemicals at around \$20/ha is much cheaper than some other alternatives. Particular with 4Farmer prices!

Farmers should not delay their buying decisions particularly with products like Triallate. Orders must be placed by the end of the month or risk missing out.