

**This research has been conducted across QLD to determine
if new and existing varieties of wheat vary in tolerance to commonly used herbicides**

In 2009-2010 NVT retention lines and other selected cultivars were screened in preliminary trials at higher than recommended herbicide rates and at wider row spacings but at same plant population as the other screening trials. These results for named cultivars are presently included in the following table but will be incorporated into the main table as more data becomes available.

**The sensitivity of the variety is summarised, using the following
symbols based on the yield responses across all trials:**

- not tested or insufficient data
- ✓ (z) no significant yield reductions at recommended rates or higher than recommended rates in (z) trials

N (w/z) narrow margin, % yield reductions at higher than recommended rate, but not tested at recommended rate
significant event occurring w years out of z years tested. Eg. (2/5) = tested for 5 years, 2 returning a significant yield loss

Always follow label recommendations. All pesticide applications must accord with the currently registered label for that particular pesticide, crop, pest and region. Any research regarding pesticides of their use reported in this website does not constitute a recommendation for that particular use by the authors, the author's organisations or ACAS. It must be emphasised that crop tolerance and yield responses to herbicides are strongly influenced by seasonal conditions.

Herbicide			Achieve WG	Ally	Ally + MCPA 570	Amicide 625
Cultivar			tralkoxydim	metsulfuron- methyl	metsulfuron + MCPA LVE	24D amine
	Years tested	2010				
	Sites	E	E	E	E	
Buloke	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Capstan	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Commander	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Finniss	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Flagship	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Grimmett	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Grout	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Henley	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Hindmarsh	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Oxford	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Scope	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Shepherd	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Vlamingh	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Rates (product/ha)			860 g	14 g	14 g + 1.3 L	1.3 L
Crop stage at spraying			5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller

Herbicide			Hotshot	MCPA LVE 570	Starane Advanced	Tordon 242
Cultivar			(aminopyralid + fluroxypyr)	(MCPA)	(fluroxypyr)	(picloram + MCPA)
	Years tested	2010		2010	2010	2010
		Sites	E	E	E	E
Buloke	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Capstan	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Commander	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Finniss	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Flagship	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Grimmett	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Grout	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Henley	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Hindmarsh	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Oxford	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Scope	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Shepherd	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Vlamingh	2010	E	✓ (1)	✓ (1)	✓ (1)	✓ (1)
Rates (product/ha)			1.5 L	1.3 L	1.2 L	2.0 L
Crop stage at spraying			5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller	5-6 leaf + 3-4 tiller

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Research site location:	
Site soil type :	
Site pH :	
Site annual average rainfall mm:	

A Dalby	B Gatton	C Warwick	D Oakey	E Warwick
black earth	black earth	black earth	black earth	black earth
7.35	7.8	5.5-8.0	6.5-8.5	6.7-7.4
676	790	670	645	670



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