Herbicide		AchieveWG®	Bromoxynil	Glean®	Ally®	Banvel M®	Tigrex®	Amicide 700	Tordon 242®	TrifluX® 480	Tristar Advance®	Hotshot®	Starane	Hoegrass ®	Jaguar ®	Lontrel®	Paragon®	Cadence®	Avadex Xtra® IBS	Stomp® IBS	Logran® IBS	Gleam® IBS	Boxer Gold® IBS	Velocity®	Diuron + MCPA	Eclipse® + LVE MCPA	Sakura IBS	Amicide® Advance700	Wildcat ®	Agtryne MA®	Dual Gold®) PSPE	Broadstrike ® + Bromoxnil	Ally + Agritone
		Tralkoxydim	bromoxynil	chlorsulfuron	metsulfuron	Dicamba + MCPA	MCPA +Diflufenican	2,4-D Amine	Picloram + MCPA	Trifluralin	Diclofop-methyl + fenoxaprop-p-ethyl	Florxypyr + aminopyralid	Fluroxypyr	Diclofop - methyl	Diflufenican + Bromoxynil	Clopyralid	Picolinafen + MCPA	Dicamba	Triallate	Pendimethalin	Triasulfuron	Chlorsulfuron	Prosulfocarb + S-Metolachlor	Pyrasulfotole + Bromoxynil	Diuron + MCPA	Metosulam + LVE MCPA	Pyroxasulfone	2,4-D Amine	Fenoxaprop -p-ethyl	Terbutryn + MCPA	S-Metolachlor	Flumetsulam + Bromoxynil	metsulfuron + MCPA amine
Variety	**Years tested**	1996-2014	2001-2015	1996-2015	1998-2014	2001-2015	1997-2015	1999-2015	2001-2015	2002-2011	2000-2011	2009	2009	1996-1999	1996	1996-1998	2001	1998-2000	2002-2009	2002-2009	2002-2004	2002-2004	2009	2009	2009	2009	2011, 2015	2011	2003-2004	2000-2004	2004	1996-1999	2015
30B761	1996	✓(1)	-	✓(1)	-	-	-	-	-	-	-	-	-	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-
ABACUS	1996-2005	✓(9)	✓(3)	✓(9)	✓(6)	N(2/5)	14(1/6)	10(1/3)	N(1/3)	✓(2)	8(1/2)	-	-	18(1/3)	✓(1)	✓(3)	✓(1)	11(1/4)	✓(2)	✓(2)	✓(2)	7(1/2)	-	-	-	-	-	-	10(1/1)	N(1/2)	-	11-11(2/4)	-
ASTUTE	2014-2015	✓(1)	✓(2)	✓(2)	✓(1)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
AT314-244	2003	-	-	-	-	8(1/1)	-	-	10(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AT314-267	2003	-	-	-	-	13(1/1)	8(1/1)	-	9(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AT570	2004	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AT674	2014-2015	✓(1)	✓(2)	✓(2)	✓(1)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
BERKSHIRE	2008-2010	✓(3)	✓(3)	N(1/3)	✓(3)	20(1/2)	14(1/1)	N(1/3)	16(1/2)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BISON	2014-2003	✓(1)	7(1/3)	✓(2)	5(1/2)	N(1/2)	7(1/3)	9(1/3)	N(1/2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
BREAKWELL	2004-2010	✓(5)	N(1/5)	✓(5)	✓(5)	✓(5)	N(1/5)	✓(5)	N(4/5)	✓(3)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	✓(2)	✓(2)	-	-	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-
CHOPPER	2012-2013	✓(2)	✓(2)	✓(2)	✓(2)	N(1/2)	✓(2)	✓(2)	N(1/2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CRACKERJACK	2008-2010	N(1/3)	N(1/3)	✓(3)	✓(3)	N(1/3)	N(1/3)	N(1/3)	17(1/2)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CREDIT	1998-2005	✓(8)	✓(3)	✓(7)	N(1/6)	✓(5)	9(1/5)	N(1/6)	N(2/3)	N(1/3)	7(1/3)	-	-	N(1/2)	-	✓(1)	✓(1)	✓(4)	N(1/3)	✓(3)	✓(3)	7(1/3)	-	-	-	-	-	-	N(1/2)	N(1/3)	✓(1)	✓(2)	-
CURRENCY	1996-1998	✓(2)	-	N(1/3)	✓(1)	-	N(1/2)	-	-	-	-	-	-	11(1/2)	✓(1)	✓(3)	-	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	N(2/3)	-
DUVAL	2003-2005	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	N(1/2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELEANOR	2001-2003	✓(1)	✓(1)	✓(1)	✓(1)	9(1/1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENDEAVOUR	2004-2012	✓(7)	N(1/7)	✓(7)	7(1/3)	✓(7)	N(2/7)	✓(7)	N(1/7)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	9(1/1)	✓(1)	-	-	-	-	-
EVEREST	2000-2005	✓(6)	✓(3)	N(2/5)	✓(4)	✓(5)	9-10(2/3)	✓(5)	N(1/3)	5(1/3)	N(2/3)	-	-	-	-	-	✓(1)	✓(2)	✓(3)	✓(3)	N(1/3)	7(1/3)	-	-	-	-	-	-	6(1/2)	10(1/3)	✓(1)	-	-
FALCON	2005	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FUSION	2012-2015	✓(3)	✓(4)	N(2/4)	7-8(2/3)	6(1/4)	N(1/4)	8(1/4)	N(2/4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
GOANNA	2011-2013	✓(3)	7(1/3)	✓(3)	✓(3)	N(1/3)	✓(3)	✓(3)	N(1/3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWKEYE	2008-2010	✓(3)	✓(3)	✓(3)	N(1/3)	N(1/3)	N(2/3)	✓(3)	N(1/3)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HILLARY	2001	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	N(1/1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISR936-263	2014-2015	✓(1)	✓(2)	✓(2)	✓(1)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
JACKIE	2001-2004	✓(2)	✓(2)	N(1/2)	N(1/2)	N(1/2)	N(1/2)	17(1/1)	12(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JAYWICK	2008-2010	N(1/3)	✓(3)	✓(3)	N(1/3)	N(1/3)	N(2/3)	✓(3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JRC1101	2008-2010	N(1/3)	17(1/1)	✓(3)	✓(3)	N(1/3)	N(1/3)	N(1/3)	N(1/3)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KM10	2014-2015	✓(1)	✓(2)	✓(2)	✓(1)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
KOSCIUSZKO	2003-2011	✓(5)	✓(5)	✓(5)	✓(5)	N(1/5)	✓(5)	✓(5)	6(1/3)	✓(4)	✓(2)	✓(1)	✓(1)	-	-	-	-	-	N(1/3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	8(1/1)	✓(1)	✓(1)	7(1/1)	✓(1)	9(1/1)	✓(1)	-	-	-
MAIDEN	1996-1999	✓(3)	-	✓(4)	✓(2)	-	N(1/3)	✓(1)	-	-	-	-	-	✓(3)	✓(1)	11(1/3)	-	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	17(1/4)	-
MUIR	1996-1999	✓(3)	-	✓(4)	✓(2)	-	✓(3)	✓(1)	-	-	-	-	-	N(1/3)	✓(1)	✓(3)	-	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(4)	-
PRIME322	2001-2004	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	11(1/1)	N(2/2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUFUS	2013-2015	✓(2)	✓(3)	✓(3)	✓(2)	✓(3)	✓(3)	12(1/3)	✓(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
RYESUN	1996-1997	✓(1)	-	✓(2)	-	-	✓(1)	-	-	-	-	-	-	✓(1)	✓(1)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(2)	-
SPEEDEE	2002-2004	✓(1)	✓(1)	✓(1)	✓(1)	5(1/1)	6(1/1)	7(1/1)	9(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAHARA	1996-1998	✓(2)	-	✓(3)	✓(1)	-	N(1/2)	-	-	-	-	-	-	N(1/2)	✓(1)	✓(3)	-	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	N(1/3)	-
TICKIT	2001-2003	✓(1)	9(1/2)	✓(1)	✓(1)	8(1/1)	7(1/1)	N(1/1)	7(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOBRUK	2004-2011	✓(5)	✓(5)	✓(5)	✓(5)	✓(5)	N(2/5)	N(1/5)	N(1/5)	N(1/3)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	✓(2)	N(1/2)	-	-	✓(1)	✓(1)	✓(1)	✓(1)	6(1/1)	6(1/1)	-	-	-	-	-	-
TREAT	2001-2003	N(1/1)	✓(1)	✓(1)	✓(1)	8(1/1)	8(1/1)	N(1/1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TSA0545	2014-2015	✓(1)	✓(2)	N(1/2)	✓(1)	6(1/2)	5(1/2)	✓(2)	5(1/2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
TUCKERBOX	2013-2015	✓(2)	6(1/3)	5(1/3)	9(1/2)	N(1/3)	7(1/3)	✓(3)	✓(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)	-
TX94-98B	2001	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	✓(1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W57	2003	-	-	-	-	-	6(1/1)	-	5(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YOWIE	2011-2013	✓(3)	8(1/3)	✓(3)	✓(3)	N(1/3)	✓(3)	✓(3)	✓(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rates (product/ha)		0.38 kg	2.0 L	20–25 g	7 g	1.4–1.7 L	0.75 - 1.0 L	1.25L	1.0L	1.5 L	1.5 L	750 ml	300ml	2.0 L (375g/L)	1.0 L	300ml	375ml	200g	1.6 L	1.2 L	35g	20g	2.5 L	670ml	500ml+350ml	7g+700ml	118g	1.5 L	500ml	1.0 L	500ml	25g+700ml	5g+330ml
Crop stage at spraying		3-leaf	3-leaf	3-leaf	3-leaf	5-leaf	5-leaf	5-leaf	5-leaf	IBS	3-leaf	3-leaf	5-leaf	3-leaf	3-leaf	3-leaf	3-leaf	3-leaf	IBS	IBS	IBS	IBS	IBS	3-leaf	3-leaf	3-leaf	IBS	Z31	4-leaf	3-5 leaf	PSPE	5-leaf	3-leaf

Triticale variety response to herbicides in NSW 1996-2015

The sensitivity of the variety compared to unsprayed controls of the same variety is summarised, using the following symbols based on the yield responses across all trials:

- `-` not tested or only tested at higher than recommended rate (Please check Preliminary Evaluation tables)
- `√` no significant yield reductions at higher than recommended rates in (Z) trials
- `N` (narrow margin) significant yield reductions at higher than recommended rate in 1+ trials ONLY
- `x%` yield reduction (warning) significant yield reduction at recommended rate in 1 trial only
- `xx%` yield reductions (warning) significant yield reductions at recommended rate in 2+ trials

Always follow label recommendations. All pesticide applications must accord with the currently registered label forthat particular pesticide, crop, pest and region. Any research regarding pesticides or 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.

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Research site location: *Wagga Wagga, New South Wales*

Site soil type : Red Brown earth

Site pH (CaCl2) : 0-10 cm pH 5.1, 10-20 cm pH 4.5.

Site annual rainfall in 2015: *587.3 mm*

Site annual average rainfall: *526.9 mm*

Updated: March 2016

NSW GOVERNMENT Department of Primary Industries

GRDC Grains Research & Development Corporation

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