

		Triflur®480® IBS	Stomp® IBS	Terbyne® IBS	Boxer Gold® IBS	Simagranz 900g/litre	Brodal® Options 8-10 Leaf	Eclipse® 100SC	Eclipse® 6-10 leaf	Avadex®Xtra IBS	Status®	Sencor750® PSPE	Sniper® 2-6 Leaf	Sencor750® 6-10leaf	Terbyne® PSPE	Simagranz® 900 Cot-2leaf	Diflufenican + metribuzin	Gesatop + Gesaprim	Diuron®500 IBS	Eclipse® + Brodal® 2-6 leaf
Herbicide		Trifluralin	Pendimethalin	Terbyne	Boxer Gold	Simazine	Diflufenican	Metosulam	Metosulam	Triallate	Clethodim	Metribuzin	Picolinafen	Metribuzin	Terbyne	Simazine	Diflufenican + metribuzin	Simazine = Atrazine	Diuron	Metosulam + Diflufenican
Variety	Years tested	2000-2015	1997-2014	2010-2015	2008, 09,15	1998-2015	1996-2015	1996-2015	1996-2008	2002-2010	1999, 2013-2015	1997-2015	2000-2012	2004-2012	2010	2010	2003	2009	2009	2009
COROMUP	2008	✓(1)	✓(1)	-	-	N(1/1)	✓(1)	N(1/1)	-	-	-	✓(1)	✓(1)	N(1/1)	-	-	-	-	-	-
GUNYIDI	2014	✓(1)	✓(1)	✓(1)	-	✓(1)	✓(1)	✓(1)	-	-	-	✓(1)	✓(1)	-	-	-	-	-	-	-
JENABILLUP	2010-2015	✓(4)	✓(3)	8(1/3)	✓(1)	✓(4)	N(1/4)	12(1/4)	-	-	-	10(1/3)	✓(4)	-	-	-	N(1/1)	N(1/1)	-	-
JINDALEE	1997-2014	N(1/10)	N(1/10)	✓(2)	-	N(2/11)	N(2/8)	13-15(2/8)	N(1/6)	✓(2)	-	N(1/2)	✓(8)	N(1/4)	N(1/2)	✓(1)	-	✓(1)	7(1/1)	-
KALYA	1998-1999	-	-	-	-	✓(2)	11(1/1)	N(1/2)	✓(1)	-	-	✓(1)	✓(2)	-	-	-	-	-	-	-
KIEV MUTANT	1996-2008	✓(8)	✓(8)	-	-	N(5/9)	N(1/6)	✓(7)	✓(8)	✓(2)	✓(1)	N(2/6)	N(1/5)	N(2/3)	-	-	-	-	-	-
LUXOR	2004-2015	✓(7)	✓(7)	6(1/4)	11(1/3)	N(2/7)	✓(7)	✓(6)	✓(1)	✓(2)	✓(3)	N(2/7)	✓(3)	N(3/3)	12(1/2)	N(1/1)	N(1/1)	N(1/1)	✓(1)	8(1/1)
MAGNA	1999	-	-	-	-	✓(1)	-	✓(1)	✓(1)	-	-	✓(1)	✓(1)	-	-	-	-	-	-	-
MANDELUP	2001-2015	✓(8)	✓(8)	9(1/4)	N(1/3)	N(2/8)	N(1/7)	13(1/6)	N(1/2)	8(1/3)	14(1/3)	N(2/7)	N(2/4)	N(2/3)	N(1/2)	✓(1)	N(1/1)	N(1/1)	✓(1)	✓(1)
MERRIT	1996-1999	-	✓(1)	-	-	✓(2)	✓(3)	13(1/4)	14(1/3)	-	-	✓(1)	✓(2)	-	-	-	-	-	-	-
MOONAH	2000-2002	✓(1)	-	-	-	N(1/1)	✓(1)	N(1/1)	N(1/1)	-	-	✓(1)	✓(1)	-	-	-	-	-	-	-
MYALLIE	1996-1999	-	-	-	-	✓(2)	✓(2)	N(2/3)	19(1/2)	-	-	✓(1)	✓(2)	-	-	-	-	-	-	-
PBA BARLOCK	2013-2015	N(1/3)	✓(2)	✓(1)	✓(1)	✓(3)	✓(3)	✓(3)	-	-	-	✓(3)	✓(3)	-	-	-	-	-	-	-
PBA GUNYIDI	2010-2015	✓(3)	✓(2)	✓(1)	✓(1)	✓(3)	✓(3)	✓(3)	-	-	-	✓(2)	✓(3)	-	-	-	-	-	✓(1)	-
PBA JURIE	2014-2015	✓(2)	N(1/1)	✓(1)	✓(1)	✓(2)	N(1/2)	N(1/2)	-	-	-	12(1/2)	19(1/2)	-	-	-	-	-	-	-
QUILINOCK	2000-2005	✓(7)	✓(6)	-	-	N(1/7)	N(1/3)	✓(3)	N(2/5)	✓(2)	-	N(2/4)	N(1/4)	N(1/2)	-	-	-	-	-	-
ROSETTA	2004-2015	✓(7)	✓(7)	N(1/4)	✓(3)	N(1/7)	✓(7)	N(1/6)	✓(1)	✓(2)	✓(3)	N(2/7)	✓(3)	N(2/3)	N(1/2)	4(1/1)	-	-	✓(1)	✓(1)
TANJIL	1998	-	-	-	-	✓(1)	✓(1)	N(1/1)	-	-	-	N(1/1)	-	-	-	-	-	-	-	-
WALAN2448	2014-2015	✓(2)	✓(1)	✓(1)	✓(1)	✓(2)	✓(2)	✓(2)	-	-	-	10(1/2)	✓(2)	-	-	-	-	-	-	-
WALAN2474	2014	10(1/1)	✓(1)	✓(1)	-	✓(1)	✓(1)	9(1/1)	-	-	-	11(1/1)	✓(1)	-	-	-	-	-	-	-
WALAN2498	2015	✓(1)	-	-	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	✓(1)	✓(1)	-	-	-	-	-	-	-
WK338	2014-2015	✓(2)	✓(1)	✓(1)	✓(1)	✓(2)	✓(2)	✓(2)	-	-	✓(2)	N(1/2)	-	-	-	-	-	-	-	-
WONGA	1996-2010	✓(8)	✓(9)	N(1/1)	14(1/2)	N(2/10)	N(2/7)	8(1/8)	14-24(2/7)	✓(4)	✓(1)	N(2/7)	N(1/5)	N(2/3)	N(1/1)	✓(1)	N(1/1)	N(1/1)	16(1/1)	✓(1)
Rates (product/ha)		1.7L	3.0L	1.4L	2.5L	1.667L	200ml	70ml	10g	1.6L	375ml	380g	50g	380g	1.0L	550g	100ml + 150g	1.3kg + 650g	2.0L	7g + 100ml
Crop stage at spraying		IBS	IBS	IBS	IBS	PSPE	8-10 leaf	2-6 leaf	6-10 leaf	IBS	4 leaf	PSPE	2-6leaf	6-10 leaf	PSPE	Cot-2 leaf	PSPE	IBS	IBS	2-6 leaf

		Eclipse® 2-6 leaf	Gesatop®900 W + Brodal	Simazine 4-6 leaf	Sencor750® + Brodal	Simazine900 + Brodal® 4-6 leaf	Dual Gold® IBS	Dual Gold® PSPE	Motsa®	Simazine + Brodal® IBS	Simazine + Brodal® PSPE	Simazine + Brodal® 6-10 leaf	Eclipse® Mid-flowering	Eclipse® mid-podding	Targa®	Eclipse® + Brodal® 4-8 leaf	Verdict®520	Sertin®	Simazine + Atrazine IBS	Simazine + Atrazine PSPE	Simazine + Trifluralin IBS	Sakura®850WG IBS	
Herbicide		Metosulam	Simazine + Diflufenican	Simazine	Metribuzin + Diflufenican	Simazine + diflufenican	S-Metolachlor	S-Metolachlor	Clethodim + Haloxypop	Simazine + Diflufenican	Simazine + Diflufenican	Simazine + Diflufenican	Metosulam	Metosulam	Quizalofop-P-ethyl	Metosulam + Diflufenican	Haloxypop-R	Sethoxydim	Simazine + Atrazine	Simazine + Atrazine	Simazine + Trifluralin	Sakura®850WG	
Variety	Years tested	2009	2009	2004	2004	2005	2002-2004	2002	2004	1998	1997-2002	1996	2002-2003	2002-2003	2002	2001	1998-2001	1998-2000	1997-1998	1998-2000	1998	2012	
COROMUP	2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUNYIDI	2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JENABILLUP	2010-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	N(1/1)
JINDALEE	1997-2014	-	-	✓(1)	N(1/1)	N(1/1)	8(1/1)	✓(3)	✓(1)	✓(1)	✓(2)	-	7(1/2)	✓(2)	✓(1)	✓(1)	✓(3)	✓(3)	✓(2)	16(1/2)	✓(1)	-	-
KALYA	1998-1999	-	-	-	-	-	-	-	-	✓(1)	✓(1)	-	-	-	-	-	✓(1)	✓(1)	✓(1)	15(1/2)	✓(1)	-	-
KIEV MUTANT	1996-2008	-	-	✓(1)	11(1/1)	N(1/1)	✓(1)	✓(3)	✓(1)	-	✓(3)	N(1/1)	N(1/2)	✓(2)	✓(1)	✓(1)	✓(2)	✓(1)	✓(1)	N(2/2)	-	-	-
LUXOR	2004-2015	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	6(1/1)
MAGNA	1999	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	-	N(1/1)	-	-	-
MANDELUP	2001-2015	N(1/1)	N(1/1)	-	-	-	✓(1)	✓(1)	-	-	-	-	8(1/1)	✓(1)	✓(1)	-	-	✓(1)	-	-	-	-	N(1/1)
MERRIT	1996-1999	-	-	-	-	-	-	-	-	✓(1)	✓(2)	18(1/1)	-	-	-	-	✓(1)	✓(1)	N(1/2)	12(1/2)	✓(1)	-	-
MOONAH	2000-2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	✓(1)	-	✓(1)	-	-	-
MYALLIE	1996-1999	-	-	-	-	-	-	-	-	✓(1)	✓(1)	N(1/1)	-	-	-	-	✓(1)	✓(1)	✓(1)	N(1/2)	✓(1)	-	-
PBA BARLOCK	2013-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-
PBA GUNYIDI	2010-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-
PBA JURIE	2014-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QUILINOCK	2000-2005	-	-	✓(1)	14(1/1)	N(1/1)	✓(1)	✓(3)	N(1/1)	-	✓(1)	-	12(1/2)	✓(2)	✓(1)	✓(1)	✓(2)	✓(1)	-	✓(1)	-	-	-
ROSETTA	2004-2015	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	✓(1)
TANJIL	1998	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	✓(1)	✓(1)	✓(1)	17(1/1)	✓(1)	-	-
WALAN2448	2014-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WALAN2474	2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WALAN2498	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WK338	2014-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WONGA	1996-2010	21(1/1)	✓(1)	✓(1)	15(1/1)	N(1/1)	✓(1)	✓(3)	✓(1)	✓(1)	✓(3)	22(1/1)	13(1/2)	✓(2)	N(1/1)	✓(1)	✓(3)	✓(2)	✓(2)	N(2/3)	✓(1)	-	-
Rates (product/ha)		70ml	556g + 150ml	1.5L	133g + 100ml	1.0L+150ml	1.0L	1.0L	300ml	1.0L+75ml	1.0L+150ml	2.0L+200ml	7g	7g	375ml	5g+100ml	100ml	1.0L	2.0L+1.0L	2.0L+1.0L	1.5L+1.5L	118g	
Crop stage at spraying		2-6 leaf	2-6 leaf	4-6 leaf	3-leaf	4-6 leaf	IBS	PSPE	6-8 leaf	IBS	PSPE	8-10 leaf	Mid flower	Mid pod	2-6 leaf	4-8 leaf	6-10 leaf	6 leaf	IBS	PSPE	IBS	IBS	

## Lupin 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
- x-y% 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 for that 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 (CaCl<sub>2</sub>): 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



DISCLAIMER: While every care has been taken in preparing this publication, the organisations involved accept no responsibility for decisions or actions taken as a result of any data or interpretation contained in this report

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