

Herbicide		Triflur®480® IBS	Stomp® IBS	Terbyne® IBS	Sencor®750® PSPE	Spinnaker® PSPE	Broadstrike® + Brodal®	Brodal® Options + MCPA	Raptor®	Broadstrike®	Goal®	Brodal®	MCPA250	Select®	Sencor®750® + Brodal®	Sertin®	Simazine 500 PSPE	Broadstrike® + MCPA 500 amine	Verdict 520® amine	
		Trifluralin	Pendimethalin	Terbyne	Metribuzin	Imazethapyr	Flumetsulam + Diflufenican	Diflufenican + MCPA	Imazamox	Flumetsulam	Oxyfluorfen	Diflufenican	MCPA	Clethodim	Metribuzin + Diflufenican	Sethoxydim	Simazine	Flumetsulam + MCPA 500 amine	Haloxypfop-R	
Variety	Years tested	2001-2015	2002-2014	2010-2015	1998-2015	1996-2015	2001	2005-2015	2001-2015	1996-2015	1996	1997-2000	1997	1998-2008	1998	1998	1998-2010	1998-2000	1999-2005	
ARAGOM	2008	✓(1)	✓(1)	-	✓(1)	N(1/1)	-	N(1/1)	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-
BLUEY	1996-1998	-	-	-	N(1/1)	N(1/3)	-	✓(1)	-	✓(3)	N(1/1)	✓(2)	11(1/1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	-	-
BOHATYR	1996-1999	-	-	-	✓(2)	N(2/4)	-	✓(1)	-	✓(4)	N(1/1)	✓(3)	✓(1)	✓(2)	✓(1)	✓(1)	N(2/2)	✓(2)	✓(1)	✓(1)
CELINE	2012-2013	N(1/2)	✓(2)	9(1/2)	✓(2)	12(1/2)	-	✓(2)	N(1/2)	✓(2)	-	-	-	-	-	-	-	-	-	-
COOGEE	2012-2013	14(1/2)	N(1/2)	✓(2)	✓(2)	13(1/2)	-	✓(2)	N(1/2)	✓(2)	-	-	-	-	-	-	-	-	-	-
CRC WALANA	2012	✓(1)	✓(1)	✓(1)	✓(1)	12(1/1)	-	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
DUNDALE	1996-2003	N(2/3)	✓(2)	-	55(1/5)	✓(7)	✓(1)	✓(2)	N(1/3)	✓(4)	✓(1)	✓(3)	15(1/1)	✓(2)	✓(1)	✓(1)	44(1/2)	✓(2)	✓(1)	✓(1)
EXCELL	1997-2010	13-13(3/4)	9(1/2)	✓(1)	11-56(4/7)	N(2/10)	✓(1)	N(1/3)	N(3/6)	19(1/4)	-	✓(4)	N(1/1)	✓(4)	✓(1)	✓(1)	16-43(2/3)	✓(3)	✓(3)	✓(3)
GLENROY	1996-1997	-	-	-	-	12(1/2)	-	✓(1)	-	✓(2)	✓(1)	N(1/1)	✓(1)	-	-	-	-	-	-	-
GUNYAH	2013	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	✓(1)	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-
HAYMAN	2015	✓(1)	-	-	N(1/1)	✓(1)	-	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
JUPITER	1996-1997	-	-	-	-	✓(2)	-	✓(1)	-	✓(2)	N(1/1)	✓(1)	✓(1)	-	-	-	-	-	-	-
KASPA	2004-2015	12(1/5)	14(1/4)	✓(6)	N(4/9)	13(1/7)	-	✓(6)	N(2/7)	N(2/6)	-	-	-	✓(2)	-	-	✓(1)	-	-	✓(1)
LAURA	1996-1997	-	-	-	-	N(1/2)	-	✓(1)	-	✓(2)	✓(1)	✓(1)	N(1/1)	-	-	-	-	-	-	-
MAKI	2008	N(1/1)	✓(1)	-	✓(1)	N(1/1)	-	N(1/1)	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-
MOONLIGHT	2004-2005	✓(1)	✓(1)	-	12(1/1)	✓(1)	-	✓(1)	✓(2)	✓(1)	-	-	-	✓(1)	-	-	-	-	-	✓(1)
MORGAN	1996-2008	N(1/1)	✓(1)	-	✓(3)	N(1/5)	-	✓(2)	✓(1)	✓(5)	✓(1)	✓(3)	✓(1)	✓(2)	✓(1)	✓(1)	N(1/2)	✓(2)	✓(1)	✓(1)
MUKTA	2000-2008	✓(2)	✓(2)	-	25(1/1)	N(1/3)	-	✓(2)	N(1/2)	N(1/3)	-	✓(1)	-	✓(1)	-	-	✓(1)	✓(1)	✓(1)	✓(1)
OURA	2013-2015	N(1/3)	8(1/2)	✓(2)	✓(3)	N(1/3)	-	✓(3)	N(1/3)	✓(3)	-	-	-	-	-	-	19(1/1)	-	-	-
OZP0805	2012	✓(1)	✓(1)	✓(1)	N(1/1)	15(1/1)	-	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
OZP0903	2013	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	N(1/1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
OZP1001	2013-2015	8(1/3)	N(1/2)	✓(2)	✓(3)	N(1/3)	-	✓(3)	✓(3)	✓(3)	-	-	-	-	-	-	-	-	-	-
OZP1101	2013-2015	8(1/3)	✓(2)	N(1/2)	✓(3)	✓(3)	-	✓(3)	✓(3)	✓(3)	-	-	-	-	-	-	-	-	-	-
OZP1208	2014-2015	✓(2)	✓(1)	✓(1)	✓(2)	✓(2)	-	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-
PARAFIELD	1999-2008	11-11(2/3)	N(2/4)	-	9-51(3/6)	N(2/7)	✓(1)	N(1/3)	8(1/4)	15(1/2)	-	✓(2)	-	✓(3)	-	-	41(1/2)	✓(2)	✓(3)	✓(3)
PARAVIC	1999	-	-	-	✓(1)	✓(1)	-	✓(1)	-	✓(1)	-	✓(1)	-	✓(1)	-	-	N(1/4)	✓(1)	✓(1)	✓(1)
PBA GUNYAH	2010-2012	✓(1)	✓(2)	✓(3)	✓(3)	N(1/3)	-	✓(1)	✓(1)	✓(1)	-	-	-	✓(1)	-	-	✓(1)	-	-	-
PBA OURA	2010-2012	✓(1)	N(1/2)	✓(3)	✓(3)	N(1/3)	-	✓(1)	✓(1)	✓(1)	-	-	-	N(1/1)	-	-	N(1/1)	-	-	-
PBA PEARL	2012-2013	✓(2)	✓(2)	✓(2)	✓(2)	25(1/2)	-	✓(2)	N(1/2)	✓(2)	-	-	-	-	-	-	-	-	-	-
PBA PERCY	2010-2013	✓(2)	17(1/3)	30(1/4)	17(1/4)	14-29(2/4)	-	✓(2)	✓(2)	N(1/2)	-	-	-	N(1/1)	-	-	✓(1)	-	-	-
PEARL	2014-2015	N(1/2)	✓(1)	✓(1)	✓(2)	N(1/2)	-	✓(2)	N(1/2)	✓(2)	-	-	-	-	-	-	-	-	-	-
PERCY	2014-2015	✓(2)	✓(1)	✓(1)	✓(2)	✓(2)	-	✓(2)	N(1/2)	✓(2)	-	-	-	-	-	-	-	-	-	-
PSF10	1996	-	-	-	-	✓(1)	-	✓(1)	-	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-
SANTI	2000	-	-	-	32(1/1)	✓(1)	-	✓(1)	-	✓(1)	-	✓(1)	-	✓(1)	-	-	31(1/1)	✓(1)	✓(1)	✓(1)
SNOWPEAK	1999-2003	12-15(2/3)	✓(2)	-	8-50(3/5)	N(3/5)	✓(1)	✓(1)	N(2/3)	15(1/2)	-	N(1/2)	-	✓(2)	-	-	9-38(2/2)	10(1/2)	✓(2)	✓(2)
STURT	2005-2015	✓(6)	✓(5)	18(1/4)	N(4/6)	16(1/5)	-	N(1/6)	N(2/6)	✓(6)	-	-	-	-	-	-	-	-	-	-
TWILIGHT	2010-2013	✓(2)	✓(3)	✓(3)	✓(3)	N(1/3)	-	✓(2)	✓(2)	✓(2)	-	-	-	✓(1)	-	-	✓(1)	-	-	-
WALANA	2013	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
WHARTON	2013-2015	N(1/3)	9(1/2)	✓(2)	✓(3)	N(1/3)	-	12(1/3)	✓(3)	✓(3)	-	-	-	-	-	-	-	-	-	-
WIRREGA	1996	-	-	-	-	✓(1)	-	✓(1)	-	✓(1)	N(1/1)	-	-	-	-	-	-	-	-	-
YARRUM	2005-2013	N(1/4)	✓(4)	✓(3)	N(1/4)	N(2/5)	-	✓(4)	N(1/4)	✓(4)	-	-	-	-	-	-	-	-	-	-
Rates (product/ha)		1.5 - 1.7L	3.0L	1.4kg	380g	100g	25g + 50ml	150ml + 100 - 150ml	45g	25g	250ml	200ml	1.0L	375ml	250gg + 200ml	1.0L	1.5L	25g+350ml	100ml	
Crop stage at		IBS	IBS	IBS	PSPE	PSPE	4node	4node	4node	4node	PSPE	4node	6node	4node	4node	4node	PSPE	4node	4node	

Herbicide	Avadex®Xtra IBS Bladex® Dual Gold® IBS Dual Gold® PSPE Sniper® Igran® Sniper®) + MCPA LVE Boxer Gold® IBS Diuron®500 IBS Sencor®750 2 node Sakura®850 WG IBS Terbyne® PSPE Bladex®900 2node													
	Triallate Cyanazine S-Metolachlor S-Metolachlor Picolinafen Terbutryn flowable Picolinafen+ MCPA LVE Prosulfocarb + S-Metolachlor diuron 500g/L metribuzin Sakura®850W G IBS Terbyne Cyanazine													
Variety	Years tested	2003-2010	2002,2010	2002	2003-2004	2002-2005	2004+2009	2005	2008-2009, 2015	2009-2010	2009	2012	2010	2010
ARAGOM	2008	-	-	-	-	-	-	-	-	-	-	-	-	-
BLUEY	1996-1998	-	-	-	-	-	-	-	-	-	-	-	-	-
BOHATYR	1996-1999	-	-	-	-	-	-	-	-	-	-	-	-	-
CELINE	2012-2013	-	-	-	-	-	-	-	-	-	-	-	-	-
COOGEE	2012-2013	-	-	-	-	-	-	-	-	-	-	-	-	-
CRC WALANA	2012	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDALE	1996-2003	✓(2)	✓(1)	✓(1)	✓(2)	✓(2)	-	-	-	-	-	-	-	-
EXCELL	1997-2010	✓(3)	✓(1)	✓(1)	N(1/3)	✓(4)	14-35(3/4)	19(1/1)	15-34(2/2)	✓(1)	N(1/1)	-	N(1/1)	✓(1)
GLENROY	1996-1997	-	-	-	-	-	-	-	-	-	-	-	-	-
GUNYAH	2013	-	-	-	-	-	-	-	-	-	-	-	-	-
HAYMAN	2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
JUPITER	1996-1997	-	-	-	-	-	-	-	-	-	-	-	-	-
KASPA	2004-2015	✓(2)	N(1/1)	-	N(1/1)	✓(2)	8-20(3/4)	N(1/1)	32(1/3)	22(1/2)	23(1/1)	✓(1)	✓(1)	✓(1)
LAURA	1996-1997	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKI	2008	-	-	-	-	-	-	-	-	-	-	-	-	-
MOONLIGHT	2004-2005	-	-	-	12(1/1)	N(1/2)	8(1/3)	N(1/1)	-	-	-	-	-	-
MORGAN	1996-2008	-	-	-	-	-	-	-	-	-	-	-	-	-
MUKTA	2000-2008	-	-	-	-	✓(1)	-	-	-	-	-	-	-	-
OURA	2013-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
OZP0805	2012	-	-	-	-	-	-	-	-	-	-	-	-	-
OZP0903	2013	-	-	-	-	-	-	-	-	-	-	-	-	-
OZP1001	2013-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
OZP1101	2013-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
OZP1208	2014-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
PARAFIELD	1999-2008	32(1/2)	✓(1)	✓(1)	11(1/3)	N(1/4)	N(2/3)	9(1/1)	-	-	-	-	-	-
PARAVIC	1999	-	-	-	-	-	-	-	-	-	-	-	-	-
PBA GUNYAH	2010-2012	-	N(1/1)	-	-	-	-	-	-	N(1/1)	-	✓(1)	-	-
PBA OURA	2010-2012	-	✓(1)	-	-	-	-	-	-	N(1/1)	-	✓(1)	-	-
PBA PEARL	2012-2013	-	-	-	-	-	-	-	-	-	-	-	-	-
PBA PERCY	2010-2013	-	✓(1)	-	-	-	-	-	-	N(1/1)	-	✓(1)	-	-
PEARL	2014-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
PERCY	2014-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
PSF10	1996	-	-	-	-	-	-	-	-	-	-	-	-	-
SANTI	2000	-	-	-	-	-	-	-	-	-	-	-	-	-
SNOWPEAK	1999-2003	✓(2)	✓(1)	✓(1)	✓(2)	✓(2)	-	-	-	-	-	-	-	-
STURT	2005-2015	✓(2)	-	-	-	✓(1)	N(1/1)	-	11-23(2/3)	N(1/1)	17(1/1)	-	N(1/1)	N(1/1)
TWILIGHT	2010-2013	-	N(1/1)	-	-	-	-	-	-	N(1/1)	-	-	-	-
WALANA	2013	-	-	-	-	-	-	-	-	-	-	-	-	-
WHARTON	2013-2015	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-
WIRREGA	1996	-	-	-	-	-	-	-	-	-	-	-	-	-
YARRUM	2005-2013	✓(2)	-	-	-	N(1/1)	N(1/1)	-	13-30(2/2)	N(1/1)	✓(1)	-	✓(1)	✓(1)
Rates (product/ha)		1.6L	2.0kg	1.0L	1.0L	50g	850ml	50g + 350ml	2.5L	2.0L	380g	118g	1.0kg	1.1kg
Crop stage at spraying		IBS	PSPE	IBS	PSPE	4node	2node	4node	IBS	IBS	2node	IBS	PSPE	2node

Field Pea 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 (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



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Primary Industries



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