

Herbicide	Agryne MA® Bromoxynil Glean® Buttress® Banvel M® Tigrex® Amicide 700® Affinity + MCPA Tordon 242® MCPA amine MCPA LVE 2,4-D LVE Eclipse® + LVE MCPA Buctril® MA Dual Gold® PSPE Sakura IBS Amicide® Advance700 Boxer Gold® Z13 Glean+Starane+MCPA Striker Boxer Gold® IBS Hotshot®																						
	Variety	Years tested	Terbutryn + MCPA	bromoxynil	chlorsulfuron	2,4-DB	Dicamba + MCPA	MCPA + Diflufenican	2,4-D Amine	Carfentrazone + MCPA	Picloram + MCPA	MCPA amine	MCPA LVE	2,4-D LVE estericide 600g/kg	Metosulam + LVE MCPA	Bromoxynil + MCPA	S-Metolachlor	Pyroxasulfone	2,4-D Amine	Prosulfocarb + S-Metolachlor	Chlorsulfuron + Fluroxypyr + MCPA	Oxyfluorfen	Prosulfocarb + S-Metolachlor
		2002-2015	1996-2015	2000-2015	2001-2015	1998-2015	1996-2015	1996-2015	1997-2015	1997-2013	1998-2005	2002-2004	2003	2002-2005	2002-2005	2004	2011	2011	2011	2011	2010	2009	2009
AV001	2015	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANNISTER	2012-2013	✓(2)	7(1/2)	7(1/2)	15(1/2)	N(2/2)	11(1/2)	16-17(2/2)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
BARCOO	1999-2003	N(1/3)	✓(2)	✓(3)	N(1/1)	13(1/2)	✓(3)	N(2/3)	✓(2)	16(1/2)	✓(1)	-	-	-	-	✓(1)	-	-	-	-	-	-	-
BOND	2015	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
BOSS	2015	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
BRUSHER	2003-2011	N(2/5)	N(1/5)	✓(5)	✓(5)	19(1/2)	N(1/5)	N(3/5)	N(1/1)	6(1/2)	-	-	-	-	-	-	N(1/1)	6(1/1)	✓(1)	9(1/1)	N(1/1)	✓(1)	N(1/2)
CARROLUP	1996-1998	N(1/1)	✓(2)	✓(3)	-	-	✓(2)	N(1/2)	✓(2)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-
COOLABAH	1996-1998	✓(1)	✓(2)	✓(3)	-	-	✓(2)	N(2/2)	✓(2)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-
DROVER	2005	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNNART	2011-2015	N(1/5)	9-10(2/5)	7(1/5)	12(1/5)	8-8(2/5)	14(1/5)	8-25(4/5)	✓(3)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
ECHIDNA	1996-2003	N(1/5)	N(1/2)	✓(6)	4(1/2)	6-48(3/5)	5(1/6)	N(2/5)	✓(1)	✓(5)	4(1/2)	✓(1)	N(1/1)	5(1/2)	11(1/2)	-	-	-	-	-	-	✓(1)	✓(2)
EURABBIE	1999-2005	N(1/9)	N(1/3)	✓(9)	10(1/1)	9-37(3/6)	10(1/8)	9-56(4/8)	✓(2)	N(1/5)	✓(5)	✓(3)	15(1/1)	✓(4)	✓(4)	✓(3)	-	-	-	-	-	✓(1)	✓(2)
EURO	1996-2003	8(1/2)	13(1/3)	✓(2)	-	72(1/2)	✓(1)	✓(1)	✓(1)	5(1/3)	-	-	-	-	-	-	-	-	-	-	-	-	-
FORESTER	2011	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GWYDIR	1999-2003	12(1/4)	15(1/3)	N(1/3)	✓(1)	✓(1)	16(1/4)	N(2/3)	N(1/2)	19(1/2)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	✓(1)
HOTHAM	1998-2002	7(1/4)	7(1/3)	✓(4)	N(1/1)	30(1/1)	14(1/4)	N(3/4)	✓(3)	N(1/1)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-
KANGAROO	2004-2015	9-11(2/5)	11(1/5)	N(2/7)	6-11(2/5)	10-14(3/5)	9(1/5)	12-23(4/5)	✓(3)	✓(4)	-	-	-	-	-	-	-	-	-	-	-	-	-
MANNUS	2003-2011	N(1/5)	✓(5)	✓(5)	✓(5)	N(4/5)	N(1/5)	N(3/5)	N(1/1)	7(1/2)	-	-	-	-	-	-	9(1/1)	N(1/1)	✓(1)	✓(1)	✓(1)	✓(1)	14(1/1)
MITKA	2004-2015	N(2/10)	5-8(2/6)	17(1/6)	10-18(4/6)	8-15(3/6)	11(1/6)	11-32(4/6)	✓(4)	9(1/3)	-	-	-	-	-	-	14(1/1)	7(1/1)	6(1/1)	N(1/1)	✓(1)	N(1/1)	N(1/2)
MORTLOCK	1996	-	✓(1)	✓(1)	-	-	-	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MULGARA	2008-2010	✓(3)	N(1/3)	✓(3)	✓(3)	N(2/3)	N(3/3)	N(2/3)	✓(1)	N(1/3)	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)
PALLINUP	1996-1998	✓(1)	✓(2)	✓(3)	-	-	✓(2)	N(1/2)	✓(2)	✓(1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-
PO596	2004-2005	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
PO615	2004-2005	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
POSSUM	2003-2010	22-22(2/4)	8(1/2)	21(1/4)	✓(5)	7-21(4/4)	11-11(2/4)	N(2/7)	✓(1)	N(1/5)	✓(2)	✓(2)	✓(2)	10-10(2/2)	✓(2)	-	-	-	-	-	-	-	✓(1)
QUOLL	1998-2002	8(1/4)	N(1/3)	✓(4)	N(1/1)	47(1/1)	N(1/4)	N(1/4)	✓(3)	✓(1)	N(1/2)	-	-	-	-	-	-	-	-	-	-	-	-
SAIA	2008-2010	15(1/1)	N(1/3)	N(1/3)	N(1/3)	N(1/3)	N(1/3)	N(1/3)	N(1/1)	N(1/3)	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)
SAVANNAH	2015	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
SV98200-3	2012-2013	N(1/2)	N(1/2)	✓(2)	✓(2)	15(1/2)	✓(2)	N(1/2)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
TAIPAN	2000-2003	24(1/3)	N(1/1)	✓(2)	N(1/1)	✓(1)	16(1/3)	N(1/2)	✓(1)	13(1/2)	-	-	-	-	-	-	-	-	-	-	-	-	-
TAMMAR	2011-2015	N(1/5)	N(2/5)	N(1/5)	6-8(2/5)	N(1/5)	N(3/5)	N(4/5)	✓(3)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
TUNGOO	2008-2010	✓(3)	✓(3)	N(1/3)	✓(3)	N(2/3)	N(1/3)	N(2/3)	✓(1)	N(1/3)	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)
WARREGO	2001-2005	10(1/1)	✓(3)	✓(3)	✓(3)	✓(3)	✓(3)	N(1/3)	-	✓(3)	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMS	2012-2015	7(1/4)	7(1/4)	N(2/4)	9(1/4)	✓(4)	9(1/4)	5(1/4)	✓(2)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-
WINTAROO	2003-2010	✓(5)	5(1/2)	✓(5)	✓(5)	N(3/5)	N(2/5)	N(2/5)	N(1/1)	N(2/5)	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)
WOMBAT	2011-2013	9-13(2/3)	10(1/3)	✓(3)	9-16(3/3)	16(1/3)	13(1/3)	14-19(2/3)	✓(1)	10(1/2)	-	-	-	-	-	-	-	-	-	-	-	-	-
YALLARA	2011-2015	✓(5)	10(1/5)	✓(5)	8-9(3/5)	14(1/5)	8-9(2/5)	11-19(4/5)	✓(3)	✓(2)	-	-	-	-	-	-	-	-	-	-	-	-	-
YARRAN	1996-2003	5-6(2/6)	5-6(2/4)	✓(7)	6(1/2)	4-32(3/5)	4-10(2/7)	5-20(2/7)	✓(2)	8(1/6)	✓(3)	✓(1)	7(1/1)	✓(2)	5-10(2/2)	-	-	-	-	-	-	✓(1)	-
YIDDAH	2001-2010	N(2/8)	8(1/3)	✓(8)	N(1/6)	60(1/5)	✓(8)	9-20(2/5)	N(1/1)	30(1/3)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	-	-	-	-	-	-	-	N(1/1)
Rates (product/ha)		1.0-1.5 L	2.0 L	20-25 g	1.6-3.2 L	1.4-1.7 L	0.75 - 1.0 L	715ml	100g/ml+330	1.0L	2.0L	1.6L	500ml	7g+700ml	2.0 L	500ml	118g	1.5 L	2.5 L	200g	1.0L	2.5L	750 ml
Crop stage at spraying		3-5 leaf	3-leaf	3-leaf	3-5 leaf	5-leaf	5-leaf	5-leaf	3-leaf	5-leaf	5-leaf	5-leaf	5-leaf	3-leaf	3-leaf	PSPE	IBS	Z31	Z13	3-leaf	IBS	IBS	3-leaf

Herbicide	Precept®300	Paragon®	Paragon®	Velocity®	Diuron + MCPA	Eclipse® + LVE MCPA	Broadstrike® + Bromoxynil	Diuron500	Affinity + MCPA VS	Avadex Xtra® IBS	TriflurX® IBS	Stomp330® IBS	Conclude + Uptake®	Conclude + Starane + Uptake	Logran® Salvage Spray	Broadstrike® Salvage Spray	Cadence®	Ally®	Broadstrike® + Bromoxynil + Uptake®	Broadstrike® + MCPA	Logran® + Dctrate	Lontrel®	Dual Gold + Diuron	Broadstrike®	
																									Pyrasulfotole + MCPA
Variety	Years tested	2009	1998-2000	1998-2000	2009	2009	2011	1996-1999	2009	2000	2008	2008	2008	2008	2008	2002	2002	1996-1999	1996-1999	1996	1996	1998	1998	1997	1996-1997
AV001	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANNISTER	2012-2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARCOO	1999-2003	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	✓(2)	✓(1)	✓(1)	-	-	-	-	-
BOND	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOSS	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRUSHER	2003-2011	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	-	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-	-
CARROLLUP	1996-1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N(1/1)	✓(3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	✓(2)
COOLABAH	1996-1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	✓(3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	✓(2)
DROVER	2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNNART	2011-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECHIDNA	1996-2003	✓(1)	✓(1)	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	N(1/1)	N(1/1)	-	✓(2)	✓(2)	N(1/1)	-	✓(1)	✓(2)
EURABBIE	1999-2005	✓(1)	✓(1)	-	-	-	-	-	-	✓(2)	-	-	-	-	-	-	13(1/1)	✓(1)	✓(2)	✓(1)	✓(1)	-	-	✓(1)	✓(2)
EURO	1996-2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(2)	✓(2)	✓(1)	-	-	✓(1)	✓(2)
FORESTER	2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GWYDIR	1999-2003	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOTHAM	1998-2002	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KANGAROO	2004-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11(1/3)	N(1/2)	✓(2)	-	N(1/1)	✓(1)	-	-
MANNUS	2003-2011	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	-	11(1/1)	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	-	-	-	-	-	-	-	-	-
MITIKA	2004-2015	✓(1)	✓(1)	8(1/1)	✓(1)	✓(1)	✓(1)	N(1/1)	✓(1)	-	✓(1)	✓(1)	✓(1)	✓(1)	✓(1)	N(1/1)	-	-	-	-	-	-	-	-	-
MORTLOCK	1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓(1)	✓(1)	✓(1)	-	-	-	✓(1)
MULGARA	2008-2010	-	-	-	-	-	-	N(1/1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALLINUP	1996-1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N(1/1)	N(1/3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	✓(2)
PO596	2004-2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PO615	2004-2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POSSUM	2003-2010	-	-	-	-	-	-	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QUOLL	1998-2002	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	✓(3)	✓(2)	✓(2)	-	✓(1)	✓(1)	-	-
SAIA	2008-2010	-	-	-	-	-	-	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAVANNAH	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SV98200-3	2012-2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAIPAN	2000-2003	-	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-	✓(1)	-	-	-	-	-	-	-
TAMMAR	2011-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUNGOO	2008-2010	-	-	-	-	-	-	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARREGO	2001-2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMS	2012-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINTAROO	2003-2010	-	-	-	-	-	-	N(1/1)	N(1/1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOMBAT	2011-2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YALLARA	2011-2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YARRAN	1996-2003	✓(1)	✓(1)	-	-	-	-	-	-	✓(1)	-	-	-	-	-	✓(1)	✓(1)	N(1/1)	✓(3)	✓(3)	✓(1)	✓(1)	✓(1)	✓(1)	✓(2)
YIDDAH	2001-2010	-	-	-	-	-	-	N(1/1)	✓(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rates (product/ha)		1.0L	375ml	375ml	670ml	500ml+350ml	7g+700ml	25g+700ml	900ml	60g/ml+500ml	1.6L	1.5L	1.2L	700ml+0.5%	700ml+300ml+0.5%	15g	25g	200g	7g	25g + 700ml	25g + 700ml	15g + 1.0%	300ml	500ml+1.5L	25g
Crop stage at spraying		3-leaf	3-leaf	5-leaf	3-leaf	3-leaf	3-leaf	5-leaf	3-leaf	3-leaf	IBS	IBS	IBS	Z13	Z13	Salvage Spray	Salvage Spray	4-leaf	3-leaf	3-leaf	3-leaf	5-leaf	4-leaf	PSPA	3-leaf

## Oats 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 (2) 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

ACAS seeks to avoid putting information regarding unregistered pesticides or unregistered use of pesticides on this website. However it is possible that occasionally ACAS may unintentionally include such information.

All pesticide applications must accord with the currently registered label for that particular pesticide, crop, pest and region