

Glyphosate Resistant Populations in Australia

Weed Species	Location	Situation	Year Confirmed	Resistance to Other Herbicide Groups (where known)	Resistance Level (fold resistance)
Annual ryegrass	Eyre, SA	Airstrip	2005		9
Annual ryegrass	Northern, NSW	Chemical fallow	1998		11
Annual ryegrass	Northern, NSW	Chemical fallow	2002		18
Annual ryegrass	Northern, NSW	Chemical fallow	2002		20
Annual ryegrass	Northern, NSW	Chemical fallow	2002		14
Annual ryegrass	Northern, NSW	Chemical fallow	2002		7
Annual ryegrass	Northern, NSW	Chemical fallow	2002		8
Annual ryegrass	Northern, NSW	Chemical fallow	2002		13
Annual ryegrass	Northern, NSW	Chemical fallow	2002		10
Annual ryegrass	North Western, NSW	Chemical fallow	2002		4
Annual ryegrass	Northern, NSW	Chemical fallow	2002		
Annual ryegrass	Northern, NSW	Chemical fallow	2002		4
Annual ryegrass	Northern, NSW	Chemical fallow	2002		
Annual ryegrass	Northern, NSW	Chemical fallow	2002		
Annual ryegrass	Northern, NSW	Chemical fallow	2002		

Australian Glyphosate Resistance Register: June 2009

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Annual ryegrass	Northern, NSW	Chemical fallow	2002		6
Annual ryegrass	Northern, NSW	Chemical fallow	2002		7
Annual ryegrass	Northern, NSW	Chemical fallow	2003		18
Annual ryegrass	Northern, NSW	Chemical fallow	2005		3
Annual ryegrass	North Western, NSW	Chemical fallow	2007		
Annual ryegrass	Northern, NSW	Chemical fallow	2007		4
Annual ryegrass	Northern, NSW	Chemical fallow	2007		3
Annual ryegrass	Northern, NSW	Chemical fallow	2007		
Annual ryegrass	Northern, NSW	Chemical fallow	2007		
Annual ryegrass	Northern, NSW	Chemical fallow	2007		7
Annual ryegrass	Northern, NSW	Chemical fallow	2008		
Annual ryegrass	Northern, NSW	Chemical fallow	2008		
Annual ryegrass	Northern, NSW	Chemical fallow	2008		3
Annual ryegrass	Murrumbidgee, NSW	Driveway	1998		14
Annual ryegrass	Murrumbidgee, NSW	Fenceline	2000	A	20
Annual ryegrass	South Eastern, NSW	Fenceline	2003	B	
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2003		10
Annual ryegrass	South Eastern, NSW	Fenceline	2004		

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Annual ryegrass	Eyre, SA	Fenceline	2005		
Annual ryegrass	Wimmera, Vic	Fenceline	2005		4
Annual ryegrass	Eyre, SA	Fenceline	2005		6
Annual ryegrass	Northern, NSW	Fenceline	2005		5
Annual ryegrass	Wimmera, Vic	Fenceline	2007		
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2007		
Annual ryegrass	Wimmera, Vic	Fenceline	2007		
Annual ryegrass	Central Highlands, Vic	Fenceline	2008		11
Annual ryegrass	Midlands, WA	Fenceline	2008		
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2008		25
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2008		
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2008		
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2008		
Annual ryegrass	South East, SA	Fenceline	2008		
Annual ryegrass	South East, SA	Fenceline	2008		
Annual ryegrass	South East, SA	Fenceline	2008		
Annual ryegrass	Yorke and Lower North, SA	Fenceline	2008		
Annual ryegrass	Eyre, SA	Fenceline	2008		

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Annual ryegrass	Eyre, SA	Firebreak	2002		12
Annual ryegrass	Murrumbidgee, NSW	Firebreak	2007		
Annual ryegrass	Murrumbidgee, NSW	Irrigation channel	2000		25
Annual ryegrass	Murrumbidgee, NSW	Irrigation channel	2002		7
Annual ryegrass	Central West, NSW	Irrigation channel	2005		3
Annual ryegrass	Northern, NSW	Irrigation channel	2005		2
Annual ryegrass	Murrumbidgee, NSW	Irrigation channel	2006		6
Annual ryegrass	Murrumbidgee, NSW	Irrigation channel	2007		18
Annual ryegrass	North Western, NSW	Irrigation channel	2007		3
Annual ryegrass	Goulburn, Vic	No-till	1996	A	8
Annual ryegrass	Wimmera, Vic	No-till	1999	A, B, D	
Annual ryegrass	Yorke and Lower North, SA	No-till	1999	A	3
Annual ryegrass	South East, SA	No-till	1999	A	6
Annual ryegrass	Central, WA	No-till	2000	A, B	
Annual ryegrass	Midlands, WA	No-till	2003		
Annual ryegrass	South East, SA	No-till	2006	none known	3
Annual ryegrass	Wimmera, Vic	No-till	2007		
Annual ryegrass	Wimmera, Vic	No-till	2007		

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Annual ryegrass	South East, SA	No-till	2007		6
Annual ryegrass	South East, SA	No-till	2008		
Annual ryegrass	South East, SA	No-till	2008		
Annual ryegrass	Goulburn, Vic	No-till	2008		
Annual ryegrass	Wimmera, Vic	No-till	2008		4
Annual ryegrass	South Eastern, WA	No-till	2008		3
Annual ryegrass	South Eastern, WA	No-till	2008		4
Annual ryegrass	Midlands, WA	No-till	2008		3
Annual ryegrass	Upper Great Southern, WA	No-till	2008		2
Annual ryegrass	Central West, NSW	Orchard	1997	A	11
Annual ryegrass	South Eastern, NSW	Orchard	1999		11
Annual ryegrass	Murrumbidgee, NSW	Orchard	2002		
Annual ryegrass	South Eastern, NSW	Orchard	2008		
Annual ryegrass	Midlands, WA	Railway	2003		
Annual ryegrass	Adelaide, SA	Vineyard	1999		10
Annual ryegrass	Outer Adelaide, SA	Vineyard	2000		8
Annual ryegrass	Adelaide, SA	Vineyard	2002		4
Annual ryegrass	South West, WA	Vineyard	2003		8

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Annual ryegrass	South East, SA	Vineyard	2004		10
Annual ryegrass	Outer Adelaide, SA	Vineyard	2005		
Annual ryegrass	South East, SA	Vineyard	2005		7
Annual ryegrass	South East, SA	Vineyard	2005		3
Annual ryegrass	Yorke and Lower North, SA	Vineyard	2005		30
Annual ryegrass	Yorke and Lower North, SA	Vineyard	2005		10
Annual ryegrass	Adelaide, SA	Vineyard	2005		
Annual ryegrass	Midlands, WA	Vineyard	2006		9
Annual ryegrass	Outer Adelaide, SA	Vineyard	2006		
Annual ryegrass	Yorke and Lower North, SA	Vineyard	2007		
Annual ryegrass	South West, WA	Vineyard	2008		10
Barnyard grass	Northern, NSW	Chemical fallow	2007		7
Barnyard grass	Northern, NSW	Chemical fallow	2007		5
Barnyard grass	Northern, NSW	Chemical fallow	2008		
Liverseed grass	Northern, NSW	Chemical fallow	2008		
Liverseed grass	Northern, NSW	Chemical fallow	2008		7