

## LIST OF HERBICIDE RESISTANT WEEDS IN AUSTRALIA

(Valid as at 7 June 2017)

Resistance has been confirmed to at least one herbicide mode of action group in Australia in the following weeds:

GRASS WEEDS	GROUPS	SITES
Annual ryegrass ( <i>Lolium rigidum</i> )	A	>20,000
Annual ryegrass ( <i>Lolium rigidum</i> )	B	>20,000
Annual ryegrass ( <i>Lolium rigidum</i> )	C	>50
Annual ryegrass ( <i>Lolium rigidum</i> )	D	>5000
Annual ryegrass ( <i>Lolium rigidum</i> )	J	20
Annual ryegrass ( <i>Lolium rigidum</i> )	L	20
Annual ryegrass ( <i>Lolium rigidum</i> )	M	>1000
Annual ryegrass ( <i>Lolium rigidum</i> )	Q	3
Annual veld grass ( <i>Ehrharta longiflora</i> )	A	6
Awnless barnyard grass ( <i>Echinochloa colona</i> )	M	>200
Barnyard grass ( <i>Echinochloa crus-galli</i> )	C	1
Barley grass ( <i>Hordeum spp.</i> )	A	>200
Barley grass ( <i>Hordeum spp.</i> )	B	>200
Barley grass ( <i>Hordeum spp.</i> )	L	>100
Brome grass ( <i>Bromus spp.</i> )	A	>200
Brome grass ( <i>Bromus spp.</i> )	B	>1000
Brome grass ( <i>Bromus spp.</i> )	M	5
Crabgrass ( <i>Digitaria sanguinalis</i> )	A	2
Crabgrass ( <i>Digitaria sanguinalis</i> )	B	1
Crowsfoot grass ( <i>Eleusine indica</i> )	A	1
	L	5
Feathertop Rhodes grass ( <i>Chloris virgata</i> )	M	4
Giant Parramatta grass ( <i>Sporobolus fertilis</i> )	J	6
Lesser Canary grass ( <i>Phalaris minor</i> )	A	20
Lesser Canary grass ( <i>Phalaris minor</i> )	B	10
Liverseed grass ( <i>Urochloa panicoides</i> )	C	7
Liverseed grass ( <i>Urochloa panicoides</i> )	M	4
Paradoxa grass ( <i>Phalaris paradoxa</i> )	A	7
Paradoxa grass ( <i>Phalaris paradoxa</i> )	B	4
Serrated tussock ( <i>Nassella trichotoma</i> )	J	2
Silver grass / Squirrel-tailed fescue ( <i>Vulpia bromoides</i> )	C	3
Silver grass / Squirrel-tailed fescue ( <i>Vulpia bromoides</i> )	L	1
Sweet summer grass ( <i>Brachiaria eruciformis</i> )	M	1
Wild oat ( <i>Avena spp.</i> )	A	>5000
Wild oat ( <i>Avena spp.</i> )	B	>200
Wild oat ( <i>Avena spp.</i> )	Z	>200
Windmill grass ( <i>Chloris truncata</i> )	M	13
Winter grass / Annual poa ( <i>Poa annua</i> )	Z	1
Winter grass / Annual poa ( <i>Poa annua</i> )	D	>20

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Advice given in this strategy is valid as at 7 June 2017. All previous versions of this strategy are now invalid.

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BROADLEAF WEEDS	GROUPS	SITES
African turnip weed ( <i>Sisymbrium thellungii</i> )	B	2
Arrowhead ( <i>Sagittaria montevidensis</i> )	B	20
Bedstraw / Cleavers ( <i>Galium aparine</i> )	B	3
Black bindweed ( <i>Fallopia convolvulus</i> )	B	2
Blackberry nightshade ( <i>Solanum nigrum</i> )	L	2
Calomba daisy ( <i>Oncosiphon suffruticosum</i> )	B	2
Capeweed ( <i>Arctotheca calendula</i> )	I	1
Capeweed ( <i>Arctotheca calendula</i> )	L	1
Charlock ( <i>Sinapis arvensis</i> )	B	2
Common sowthistle ( <i>Sonchus oleraceus</i> )	B	>10000
Common sowthistle ( <i>Sonchus oleraceus</i> )	I	5
Common sowthistle ( <i>Sonchus oleraceus</i> )	M	28
Dense-flowered fumitory ( <i>Fumaria densiflora</i> )	D	2
Dirty Dora ( <i>Cyperus difformis</i> )	B	>50
Flax-leaf fleabane ( <i>Conyza bonariensis</i> )	M	>100
Flax-leaf fleabane ( <i>Conyza bonariensis</i> )	B	70
Flax-leaf fleabane ( <i>Conyza bonariensis</i> )	L	1
Iceplant ( <i>Mesembryanthemum crystallinum</i> )	B	2
Indian hedge mustard ( <i>Sisymbrium orientale</i> )	B	>1000
Indian hedge mustard ( <i>Sisymbrium orientale</i> )	C	16
Indian hedge mustard ( <i>Sisymbrium orientale</i> )	F	18
Indian hedge mustard ( <i>Sisymbrium orientale</i> )	I	>50
Lincoln weed / Sand rocket ( <i>Diplotaxis tenuifolia</i> )	B	20
Paterson's curse ( <i>Echium plantagineum</i> )	B	2
Pennsylvania cudweed ( <i>Gamochaeta pensylvanica</i> )	L	2
Prickly lettuce ( <i>Lactuca serriola</i> )	B	>1000
Prickly lettuce ( <i>Lactuca serriola</i> )	M	1
Small square weed ( <i>Mitracarpus hirtus</i> )	L	1
Starfruit ( <i>Damasonium minus</i> )	B	5
Stinging nettle / Dwarf nettle ( <i>Urtica urens</i> )	C	1
Tall Fleabane ( <i>Conyza sumatrensis</i> )	M	10
Tridax daisy ( <i>Tridax procumbens</i> )	M	1
Turnip weed ( <i>Rapistrum rugosum</i> )	B	3
Wild radish ( <i>Raphanus raphanistrum</i> )	B	>5000
Wild radish ( <i>Raphanus raphanistrum</i> )	C	>20
Wild radish ( <i>Raphanus raphanistrum</i> )	F	>200
Wild radish ( <i>Raphanus raphanistrum</i> )	I	>1000
Wild radish ( <i>Raphanus raphanistrum</i> )	M	3
Wild turnip / Mediterranean turnip ( <i>Brassica tournefortii</i> )	B	>100

CropLife acknowledges the assistance of Dr Chris Preston (University of Adelaide) in compiling this list. If you suspect a case of herbicide resistance that is not on this list please notify Dr Preston at [christopher.preston@adelaide.edu.au](mailto:christopher.preston@adelaide.edu.au) so that he can maintain a register of herbicide resistance in Australia.

These observations are independent of registered label claims for these herbicide mode of action groups.

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