

<b>Weed (Scientific name)</b>	<b>Ipomoea purpurea</b>		
<b>Region</b>	<b>Sydney</b>		
<b>Management Area</b>	<b>Holroyd</b>		
<b>Landuse</b>	<b>1. CONSERVATION AND NATURAL ENVIRONMENTS</b>		
<b>Assumptions</b>			
<b><i>Invasiveness</i></b>	<b>Score</b>	<b>Total</b>	
<b>Q1. What is the ability of the weed to establish amongst existing plants?</b>		<b>3.0</b>	Seedlings establish within dense vegetation or weeds Q1
<b>Q2. What is the weed's tolerance to average weed management practices in the land use?</b>		<b>2.0</b>	Between 50 and 95% of weeds survive Q2
<b>Q3. What is the reproductive ability of the weed in the land use?</b>		<b>3.0</b>	
(a) Time to seeding	2.0		1 year or less Q3
(b) Annual seed production	?		Do not know
(c) Vegetative reproduction	2.0		Frequent
<b>Q4. How likely is long-distance dispersal (&gt;100m) by natural means?</b>		<b>1.0</b>	
(a) Flying animals	0.0		Unlikely Q4
(b) Other wild animals	0.0		Unlikely
(c) Water	1.0		Occasional
(d) Wind	0.0		Unlikely
<b>Q5. How likely is long-distance dispersal (&gt;100 m) by human means?</b>		<b>2.0</b>	
(a) Deliberate spread by people	2.0		Common Q5
(b) Accidentally by people and vehicles	1.0		Occasional
(c) Contaminated produce	1.0		Occasional
(d) Domestic/farm animals	0.0		Unlikely
<b>Total</b>		<b>7.3</b>	

<b>Impacts</b>	<b>Score</b>	<b>Total</b>		
Q1. Does the weed reduce the establishment of desired plants?		<b>2.0</b>	10 - 50% reduction	Q1
Q2. Does the weed reduce the yield or amount of desired vegetation?		<b>2.0</b>	10 - 25% reduction	Q2
Q3. Does the weed reduce the quality of products, diversity or services available from the land use?		<b>1.0</b>	Low	Q3
Q4. What is the weed's potential to restrict the physical movement of people, animals, vehicles, machinery and/or water?		<b>1.0</b>	Low	Q4
Q5. What is the weed's potential to negatively affect the health of animals and/or people?		<b>1.0</b>	Low	Q5
Q6. Does the weed have major positive or negative effects on environmental health?		<b>2.0</b>		Q6
(a) food/shelter	1.0		Major negative effect	
(b) fire regime	1.0		Major negative effect	
(c) altered nutrient levels	0.0		Minor or no effect	
(d) soil salinity	0.0		Minor or no effect	
(e) soil stability	0.0		Minor or no effect	
(f) soil water table	0.0		Minor or no effect	
<b>Total</b>		<b>4.7</b>		
<b>Potential Distribution</b>				
Q1. Within the geographic area being considered, what is the percentage area of land use that is suitable for the weed?		<b>0.5</b>	<5% of land use	Q1
<b>Comparative weed risk score</b>		<b>17</b>		
<b>Weed risk category</b>		<b>Low</b>		

<b>Control Costs</b>		<b>Score</b>	<b>Total</b>	
<b>Q1. How detectable is the weed?</b>			<b>1</b>	Q1
(a) Distinguishing features	0			
(b) Period of year shoot growth visible	0			
(c) Height at maturity	0			
(d) Pre-reproductive height in relation to other vegetation	2			
				always distinct
				> 8 months
				> 2 m
				below canopy
<b>Q2. What is the general accessibility of known infestations at the optimum time of treatment?</b>			<b>1</b>	Q2
				medium
<b>Q3. How expensive is management of the weed in the first year of targeted control?</b>			<b>4</b>	Q3
(a) Chemical costs/ha	3			
(b) Labour costs/ha	4			
(c) Equipment costs	1			
				high (\$250-\$500/ha)
				very high (>\$500/ha)
				low
<b>Q4. What is the likely level of participation from landholders/volunteers within the land use at risk?</b>			<b>2.0</b>	Q4
				low
	<b>Total</b>		<b>6.7</b>	
<b>Persistence</b>		<b>Score</b>	<b>Total</b>	
<b>Q1. How effective are targeted management treatments applied to infestations of the weed?</b>			<b>2</b>	Q1
				medium
<b>Q2. What is the minimum time period for reproduction of sexual or vegetative propagules?</b>			<b>3</b>	Q2
				< 6 months
<b>Q3. What is the maximum longevity of sexual or vegetative propagules?</b>			<b>0</b>	Q3
				< 2 years
<b>Q4. How likely are new propagules to continue to arrive at control sites, or to start new infestations?</b>			<b>2.0</b>	Q4
(a) Long-distance (>100m) dispersal by natural means	1			
(b) Long-distance (>100m) dispersal by human means	1			
				occasional
				occasional
	<b>Total</b>		<b>6.4</b>	
<b>Current distribution</b>				
<b>Q1. What percentage area of the land use in the geographical area is currently infested by the weed?</b>			<b>1.0</b>	Q1
				5-10% of land use
<b>Q2. What is the number of infestations, and weed distribution within the geographic area being considered?</b>			<b>1.0</b>	Q2
				scattered
	<b>Total</b>		<b>1.7</b>	
<b>Comparative feasibility of coordinated control score</b>			<b>71</b>	
<b>Feasibility of coordinated control category</b>			<b>Low</b>	

<p style="text-align: center;"><b>Management priority category</b></p> <p style="text-align: center;"><b>Calculation of overall uncertainty score</b></p> <p style="text-align: center;"><b>Response</b></p>	<p>Limited Action</p> <p>1%</p> <p><b>Submit Assessment</b></p>
<p style="text-align: center;"><b>Positive Impacts</b></p>	
<p><b>References/Other comments</b></p>	

B.A. Auld & R. W. Medd Weeds 1992 - An Illustrated Botanical Guide to the Weeds of Australia Inkata Pres Port Melbourne 3207. Weeds Australia. K. McClymont 2007 - Brisbane Rainfor

**Source and comments**

May not produce seed in the Sydney Region. Seeds scarce in Australia - Weeds Australia
May be inadvertently spread in mulch from branches pruned and chipped along creeklines.

Field observation

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