

Weed (Scientific name)	Ipomoea indica - Coi	
Region	Sydney	
Management Area		
Landuse	1. CONSERVATION AN	
Assumptions		
<i>Invasiveness</i>	Score	Total
Q1. What is the ability of the weed to establish amongst existing plants?		3.0
Q2. What is the weed's tolerance to average weed management practices in the land use?		2.0
Q3. What is the reproductive ability of the weed in the land use?		3.0
(a) Time to seeding	2.0	
(b) Annual seed production	?	
(c) Vegetative reproduction	2.0	
Q4. How likely is long-distance dispersal (>100m) by natural means?		1.0
(a) Flying animals	0.0	
(b) Other wild animals	0.0	
(c) Water	1.0	
(d) Wind	0.0	
Q5. How likely is long-distance dispersal (>100 m) by human means?		2.0
(a) Deliberate spread by people	2.0	
(b) Accidentally by people and vehicles	1.0	
(c) Contaminated produce	0.0	
(d) Domestic/farm animals	0.0	
Total		7.3

Impacts	Score	Total
Q1. Does the weed reduce the establishment of desired plants?		3.0
Q2. Does the weed reduce the yield or amount of desired vegetation?		4.0
Q3. Does the weed reduce the quality of products, diversity or services available from the land use?		2.0
Q4. What is the weed's potential to restrict the physical movement of people, animals, vehicles, machinery and/or water?		2.0
Q5. What is the weed's potential to negatively affect the health of animals and/or people?		?
Q6. Does the weed have major positive or negative effects on environmental health?		2.0
(a) food/shelter	1.0	
(b) fire regime	1.0	
(c) altered nutrient levels	0.0	
(d) soil salinity	0.0	
(e) soil stability	0.0	
(f) soil water table	0.0	
Total		7.6
Potential Distribution		
Q1. Within the geographic area being considered, what is the percentage area of land use that is suitable for the weed?		6.0
Comparative weed risk score		336
Weed risk category		Very high

Control Costs	Score	Total
Q1. How detectable is the weed?		1
(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	
Q2. What is the general accessibility of known infestations at the optimum time of treatment?		0
Q3. How expensive is management of the weed in the first year of targeted control?		4
(a) Chemical costs/ha	3	
(b) Labour costs/ha	4	
(c) Equipment costs	1	
Q4. What is the likely level of participation from landholders/volunteers within the land use at risk?		2.0
Total		5.8
Persistence	Score	Total
Q1. How effective are targeted management treatments applied to infestations of the weed?		2
Q2. What is the minimum time period for reproduction of sexual or vegetative propagules?		3
Q3. What is the maximum longevity of sexual or vegetative propagules?		0
Q4. How likely are new propagules to continue to arrive at control sites, or to start new infestations?		2.0
(a) Long-distance (>100m) dispersal by natural means	1	
(b) Long-distance (>100m) dispersal by human means	1	
Total		6.4
Current distribution		
Q1. What percentage area of the land use in the geographical area is currently infested by the weed?		1.0
Q2. What is the number of infestations, and weed distribution within the geographic area being considered?		1.0
Total		1.7
Comparative feasibility of coordinated control score		62
Feasibility of coordinated control category		Low

Management priority category	Manage weed Protect
Calculation of overall uncertainty score	3%
Response	Submit Assessment

Positive Impacts	
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References/Other comments

Re: Sources: Many of the questions above answered as a group by: F Davis & S Granger - Sydney North WC, N Booth - Sydney West/Blu

Convolvulaceae

D NATURAL ENVIRONMENTS

Seedlings establish within dense
vegetation or weeds

Between 50 and 95% of weeds survive

1 year or less

Do not know

Frequent

Unlikely

Unlikely

Occasional

Unlikely

Common

Occasional

Unlikely

Unlikely

Source and comments

Q1 pers. obs. SS

see below

Q2 May not produce seeds in Sydney region. pers. obs. SS

Q3

Q4 Garden escape. SS

Q5 pers. obs. SS

Q1

Q2

Q4

Q5

> 50% reduction	Q1	Sainty Weed Deck pers. obs. SS
> 50% reduction	Q2	Sainty Weed Deck obs. SS
Medium	Q3	pers. obs. SS
Medium	Q4	pers. obs. SS
Do not know	Q5	Seeds have toxic properties, but unlikely to seed in Sydney.
Major negative effect	Q6	
Major negative effect		
Minor or no effect		
Minor or no effect		
Minor or no effect		
Minor or no effect		
40-60% of land use	Q1	

<p>always distinct > 8 months > 2 m below canopy</p> <p>high</p> <p>high (\$250-\$500/ha) very high (>\$500/ha) low</p> <p>low</p>	<p>Q1</p> <p>Q2</p> <p>Q3</p> <p>Q4</p>	<p>pers. obs. SS</p>
<p>medium</p> <p>< 6 months</p> <p>< 2 years</p> <p>occasional occasional</p>	<p>Q1</p> <p>Q2</p> <p>Q3</p> <p>Q4</p>	<p>pers. obs. SS</p>
<p>5-10% of land use</p> <p>scattered</p>	<p>Q1</p> <p>Q2</p>	

priority sites

the Mountains WC, and M Thulow & J Daniels - South-western Sydney WC, with the assistance of Sue Stevens.