

<b>Weed (Scientific name)</b>	Cardiospermum gra	
<b>Region</b>	Sydney	
<b>Management Area</b>		
<b>Landuse</b>	1. CONSERVATION AN	
<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>
<b>Q2. What is the weed's tolerance to average weed management practices in the land use?</b>		<b>2.0</b>
<b>Q3. What is the reproductive ability of the weed in the land use?</b>		<b>2.0</b>
(a) Time to seeding	1.0	
(b) Annual seed production	1.0	
(c) Vegetative reproduction	1.0	
<b>Q4. How likely is long-distance dispersal (&gt;100m) by natural means?</b>		<b>2.0</b>
(a) Flying animals	0.0	
(b) Other wild animals	0.0	
(c) Water	2.0	
(d) Wind	1.0	
<b>Q5. How likely is long-distance dispersal (&gt;100 m) by human means?</b>		<b>2.0</b>
(a) Deliberate spread by people	1.0	
(b) Accidentally by people and vehicles	2.0	
(c) Contaminated produce	0.0	
(d) Domestic/farm animals	0.0	
<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?		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?		3.0
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?		0.0
Q6. Does the weed have major positive or negative effects on environmental health?		1.0
(a) food/shelter	1.0	
(b) fire regime	0.0	
(c) altered nutrient levels	0.0	
(d) soil salinity	0.0	
(e) soil stability	0.0	
(f) soil water table	0.0	
<b>Total</b>		<b>6.8</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?		2.0
<b>Comparative weed risk score</b>		<b>100</b>
<b>Weed risk category</b>		<b>High</b>

<b>Control Costs</b>	<b>Score</b>	<b>Total</b>
<b>Q1. How detectable is the weed?</b>		<b>1</b>
(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	1	
<b>Q2. What is the general accessibility of known infestations at the optimum time of treatment?</b>		<b>0</b>
<b>Q3. How expensive is management of the weed in the first year of targeted control?</b>		<b>4</b>
(a) Chemical costs/ha	2	
(b) Labour costs/ha	4	
(c) Equipment costs	1	
<b>Q4. What is the likely level of participation from landholders/volunteers within the land use at risk?</b>		<b>2.0</b>
<b>Total</b>		<b>5.8</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>1</b>
<b>Q2. What is the minimum time period for reproduction of sexual or vegetative propagules?</b>		<b>1</b>
<b>Q3. What is the maximum longevity of sexual or vegetative propagules?</b>		<b>2</b>
<b>Q4. How likely are new propagules to continue to arrive at control sites, or to start new infestations?</b>		<b>2.0</b>
(a) Long-distance (>100m) dispersal by natural means	2	
(b) Long-distance (>100m) dispersal by human means	1	
<b>Total</b>		<b>5.5</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>0.5</b>
<b>Q2. What is the number of infestations, and weed distribution within the geographic area being considered?</b>		<b>1.0</b>
<b>Total</b>		<b>1.3</b>
<b>Comparative feasibility of coordinated control score</b>		<b>40</b>
<b>Feasibility of coordinated control category</b>		<b>Medium</b>

<b>Management priority category</b>	Protect priority sites
<b>Calculation of overall uncertainty score</b>	0%
<b>Response</b>	Submit Assessment

<b>Positive Impacts</b>	
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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

**ndiflorum - Sapindaceae**

**D NATURAL ENVIRONMENTS**

Seedlings establish within dense vegetation or weeds

Between 50 and 95% of weeds survive

>1-3 yrs

Low

Infrequent

Unlikely

Unlikely

Common

Occasional

Occasional

Common

Unlikely

Unlikely

**Source and comments**

pers. obs SS

Q1

see below

Q2

[www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm](http://www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm)

Q3

[www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm](http://www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm)  
<http://www.weeds.org.au/cgi-bin/weedident.cgi?tpl=plant.tpl&card=V01>

Q4

[www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm](http://www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm)  
<http://www.weeds.org.au/cgi-bin/weedident.cgi?tpl=plant.tpl&card=V01> pers. obs SS

Q5

> 50% reduction	Q1	pers. obs. SS
> 50% reduction	Q2	
High	Q3	pers. obs. SS
Medium	Q4	Not stated as such by authorities, so assume it is not. SS
None	Q5	pers. obs. SS
Major negative effect	Q6	
Minor or no effect		
Minor or no effect		
Minor or no effect		
Minor or no effect		
Minor or no effect		
10-20% of land use	Q1	

<p>always distinct &gt; 8 months &gt; 2 m similar height</p> <p>high</p> <p>medium (\$100-\$249/ha) very high (&gt;\$500/ha) low</p> <p>low</p>	<p>Q1 <a href="http://www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm">www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm</a> <a href="http://www.weeds.org.au/cgi-bin/weedident.cgi?tpl=plant.tpl&amp;card=V01">http://www.weeds.org.au/cgi-bin/weedident.cgi?tpl=plant.tpl&amp;card=V01</a> Sainty Weed Deck pers. Obs SS</p> <p>Q2</p> <p>Q3</p> <p>Q4</p>
<p>high</p> <p>1-2 years</p> <p>&gt; 5 years</p> <p>frequent occasional</p>	<p>Q1</p> <p>Q2</p> <p>Q3 &lt;18 months according to <a href="http://www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm">www.esc.nsw.gov.au/Weeds/Sheets/vines/V%20Balloon%20vine.htm</a></p> <p>Q4</p>
<p>1-5% of land use</p> <p>scattered</p>	<p>Q1</p> <p>Q2</p>


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