Weed (Scientific name)	**Hypericum perforatum - Clusiaceae**
Region	**Sydney**
Management Area	**Sydney**
Landuse	**1. CONSERVATION AND NATURAL ENVIRONMENTS**
Assumptions	

Invasiveness	**Score**	**Total**		
Q1. What is the ability of the weed to establish amongst existing plants?		**2.0**	Seedlings establish within open vegetation or weeds	Q1
Q2. What is the weed's tolerance to average weed management practices in the land use?		**1.0**	Between 5 and 50% of weeds survive	Q2
Q3. What is the reproductive ability of the weed in the land use?		**3.0**		Q3
(a) Time to seeding	2.0		1 year or less	
(b) Annual seed production	2.0		High	
(c) Vegetative reproduction	2.0		Frequent	
Q4. How likely is long-distance dispersal (>100m) by natural means?		**2.0**		Q4
(a) Flying animals	0.0		Unlikely	
(b) Other wild animals	2.0		Common	
(c) Water	2.0		Common	
(d) Wind	0.0		Unlikely	
Q5. How likely is long-distance dispersal (>100 m) by human means?		**3.0**		Q5
(a) Deliberate spread by people	1.0		Occasional	
(b) Accidentally by people and vehicles	2.0		Common	
(c) Contaminated produce	1.0		Occasional	
(d) Domestic/farm animals	2.0		Common	
Total		**7.3**		

Impacts	Score	Total		
Q1. Does the weed reduce the establishment of desired plants?		**1.0**	< 10% reduction	Q1
Q2. Does the weed reduce the yield or amount of desired vegetation?		**3.0**	25 - 50% reduction	Q2
Q3. Does the weed reduce the quality of products, diversity or services available from the land use?		**2.0**	Medium	Q3
Q4. What is the weed's potential to restrict the physical movement of people, animals, vehicles, machinery and/or water?		**0.0**	None	Q4
Q5. What is the weed's potential to negatively affect the health of animals and/or people?		**2.0**	Medium	Q5
Q6. Does the weed have major positive or negative effects on environmental health?		**1.0**		Q6
(a) food/shelter	0.0		Minor or no effect	
(b) fire regime	0.0		Minor or no effect	
(c) altered nutrient levels	0.0		Minor or no effect	
(d) soil salinity	?		Do not know	
(e) soil stability	0.0		Minor or no effect	
(f) soil water table	0.0		Minor or no effect	
Total		**4.7**		
Potential Distribution				
Q1. Within the geographic area being considered, what is the percentage area of land use that is suitable for the weed?		**1.0**	5-10% of land use	Q1
Comparative weed risk score		**35**		
Weed risk category		**Low**		

Control Costs	Score	Total		
Q1. How detectable is the weed?		**2**		Q1
(a) Distinguishing features	1		sometimes distinct	
(b) Period of year shoot growth visible	1		4-8 months	
(c) Height at maturity	2		<0.5 m	
(d) Pre-reproductive height in relation to other vegetation	1		similar height	
Q2. What is the general accessibility of known infestations at the optimum time of treatment?		**0**	high	Q2
Q3. How expensive is management of the weed in the first year of targeted control?		**5**		Q3
(a) Chemical costs/ha	4		very high (>$500/ha)	
(b) Labour costs/ha	4		very high (>$500/ha)	
(c) Equipment costs	1		low	
Q4. What is the likely level of participation from landholders/volunteers within the land use at risk?		**?**	do not know	Q4
Total		**6.7**		

Persistence	Score	Total		
Q1. How effective are targeted management treatments applied to infestations of the weed?		**2**	medium	Q1
Q2. What is the minimum time period for reproduction of sexual or vegetative propagules?		**1**	1-2 years	Q2
Q3. What is the maximum longevity of sexual or vegetative propagules?		**?**	do not know	Q3
Q4. How likely are new propagules to continue to arrive at control sites, or to start new infestations?		**3.0**		Q4
(a) Long-distance (>100m) dispersal by natural means	2		frequent	
(b) Long-distance (>100m) dispersal by human means	2		frequent	
Total		**6.4**		

Current distribution				
Q1. What percentage area of the land use in the geographical area is currently infested by the weed?		**0.1**	<1% of land use	Q1
Q2. What is the number of infestations, and weed distribution within the geographic area being considered?		**0.0**	restricted	Q2
Total		**0.1**		

Comparative feasibility of coordinated control score	**4**	
Feasibility of coordinated control category	**Very High**	

Management priority category	**Monitor & Protect priority sites**
Calculation of overall uncertainty score	**5%**
Response	**Submit Assessment**
Positive Impacts	

References/Other comments

Re: Sources: Many of the questions above answered as a group by: C Williams - Sydney North WC, R Adlmayer Sydney Central WC, M Costigan Sydney West/Blue Mountains WC, and

Source and comments

http://www.dpi.qld.gov.au/4790_12761.htm
see below
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Seeds only move short distances by wind. http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/-9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-ECC844336D72F0634A256DEA00293F8A-286F120ECF6C683BCA256BCF000AD54A?open
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Competes strongly with native vegetation and pasture. http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/- 9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-
In grasslands and grazed lands. http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/- 9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-
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Medicinal use in humans, toxic to stock. Auld & Medd http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/- 9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-
http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Hypericum- Perforatum-Risk-Assessment.pdf Vegetative propagation can be stimulated by fire.

http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/-9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-ECC844336D72F0634A256DEA00293F8A-286F120ECF6C683BCA256BCF000AD54A?open

http://www.dpi.vic.gov.au/DPI/nreninf.nsf/childdocs/-9B2A7AB4FD562D03CA256BC800058E91-18953CC10B4D6BA3CA256BC800062A07-ECC844336D72F0634A256DEA00293F8A-

http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Hypericum-Perforatum-Risk-Assessment.pdf

http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Hypericum-Perforatum-Risk-Assessment.pdf

Predominantly roadsides and Cumberland Plain. More prevalent on rural or previously grazed lands.

M Hall & L Kaye NPWS, with the assistance of Sue Stevens.