



Willow Resource Sheet : 6

Willow impact and management survey

Information on the current and potential extent and impacts of different willow taxa is urgently required to effectively prioritise willow management actions from the local to the national level. Your feedback and input into this survey will be greatly appreciated and will assist in the weed risk assessment process currently being conducted for willows.

Please send completed forms and any other relevant information to the following address: *(no stamp required)*

**Willow Project
Reply Paid 48
Frankston Vic 3199**

For further information about this survey, please contact Jackie Steel:

**Email: jackie.steel@dpi.vic.gov.au
Fax: 03 9785 2007
Ph: 03 9785 0111**

We are seeking any information you have or observations you have made on willows that have established naturally in Australia (not planted willows), including:

- Willow management
- Environmental impacts
- Agricultural impacts
- Reproduction and growth rates of specific willow taxa

Your contact details

Name:	
Phone no(s):	
Email:	
Postal address:	
Location where observations were made: (rivers, regions, state):	
Are you happy for us to contact you to discuss any of your answers, if necessary? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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1. Willow control

When controlling willows using the cut and paint, drill and fill or frill and fill methods, have you observed any instances of control failure?

Yes No

If yes:

a) What method did you use? Cut and paint Drill and fill Frill and fill

b) If the drill and fill or frill and fill methods were used, please specify the approximate spacing between cuts or holes (in cm): _____

c) What time of year were controls applied? (please specify month or season): _____

d) Are there any reasons you can think of that may explain the observed control failure? (eg. herbicide applied at wrong time of year, herbicide applied too late after cutting, flooding, drought, faulty herbicide application method):

2. Impacts of willows (both positive and negative)

Please tick yes or no for all questions - if yes, please add further comments, including what impacts were caused and which willow species or grouping (i.e. tree or shrub) you observed causing these impacts.

Have you observed willows causing impacts to:

a) Animals (e.g. fish, mammals, insects, spiders, frogs etc)? Yes No

If yes, which willow species did you observe causing these impacts? (If unknown, was the willow a tree or shrub?) _____

What were the impacts caused? _____

Were any rare or endangered animal species affected? If yes, which ones? _____

b) Other plants? Yes No

If yes, which willow species did you observe causing these impacts? (If unknown, was the willow a tree or shrub?) _____

What were the impacts caused? _____

Were any rare or endangered plant species affected? If yes, which ones? _____

c) Other environmental aspects? Yes No

(e.g. types of environments that willows grow in; hydrological impacts etc.)

If yes, which willow species did you observe causing these impacts? (If unknown, was the willow a tree or shrub?) _____

What were the impacts caused? _____

d) Agriculture? Yes No

(e.g. Provide shade and/or fodder or disrupt farming activities such as access to water.)

If yes, please describe your observations: _____

e) Other? Yes No

If yes, please specify and explain _____

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3. We have very little information on the following willow taxa. Do you have any information or observations on these specific taxa? If yes, please include it below.

In particular, we require information on the:

- method of reproduction negative or positive impacts and growth rate

Willow taxa	Information – in particular, method of reproduction, negative or positive impacts and growth rate
<i>S. aegyptiaca</i>	
<i>S. alba</i> var. <i>coerulea</i>	
<i>S. x calodendron</i>	
<i>S. caprea</i>	
<i>S. daphnoides</i>	
<i>S. elaeagnos</i>	
<i>S. eriocephala</i>	
<i>S. gracistyla</i>	
<i>S. matsudana</i> x <i>alba</i>	
<i>S. x mollissima</i>	
<i>S. myrsinifolia</i> (syn. <i>S. nigricans</i>)	
<i>S. x pendulina</i>	
<i>S. pentandra</i>	
<i>S. x reichardtii</i>	
<i>S. x sericans</i>	
<i>S. triandra</i>	

4. Chamaetia subgenus

Do you know of any willows from the subgenus *Chamaetia* (dwarf, arctic or alpine willows) being present in your region? Yes No

If yes, were they deliberately planted? Yes No Not sure

Where do these willows occur and approximately how many plants exist? _____

5. Further comments: Please attach any additional information to this resource sheet.