



Cotton Catchment Communities CRC

## Annual, Progress and Final Reports

# REPORTS

### *Part 1 - Summary Details*

Please use your TAB key to complete Parts 1 & 2.

**Cotton CRC Project Number: 5.10.10.10**

**Final Report:**  Due 30 September

(or within 3 months of completion of project)

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**Project Title:** “Hydrological impacts of cotton growing in Bourke NSW”

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**Project Commencement Date:** 2002      **Project Completion Date:** 2006

**Research Program:** CRDC Program 4 Farming Systems.

### *Part 2 – Contact Details*

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**Signature of Research Provider Representative:** \_\_\_\_\_

## ***TRAVEL REPORTS***

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### **1. A brief description of the purpose of the travel.**

The purpose of the travel was to present a talk entitled “Wet Roots? High resolution groundwater depth prediction in the Bourke Irrigation District” at the 9<sup>th</sup> international Riversymposium in Brisbane. I was representing the CCC CRC as a finalist in the Young water scientist of the year award 2006. The competition was a national one open to all CRC students undertaking research into a water related topic.

### **2. What were the:**

- a) **major findings and outcomes**
- b) **other highlights**

The major outcome and highlight was winning the National award for 2006. The award was judged both on a written submission as well as the presentation. In addition to this I gave a plenary speech after accepting my award. A major outcome was demonstrating to the wider community that the cotton industry is actively addressing the issue of water management and developing cutting-edge methods to do this.

### **3. Detail the persons and institutions visited, giving full title, position details, location, duration of visit and purpose of visit to these people/places. (NB:- Please provide full names of institutions, not just acronyms.)**

Attend the Riversymposium- Brisbane convention centre on the 5<sup>th</sup> and 6<sup>th</sup> of September.

4. a) **Are there any potential areas worth following up as a result of the travel?**
- b) **Any relevance or possible impact on the Australian Cotton Industry?**

Yes this work represents a potentially cheap and efficient method to accurately measure groundwater depth. This has particular relevance to the cotton industry which in some areas has to tackle the issue of salinity.

### **5. How do you intend to share the knowledge you have gained with other people in the cotton industry?**

In addition to presenting this work at the Riversymposium I have conducted a field day explaining my work with the farmers involved. I have also presented the work at the 12<sup>th</sup> Australian cotton conference as well as written an article for the Australian Cotton Grower.