



Australian Government
Cotton Research and
Development Corporation

TRAVEL & CONFERENCE REPORT

Part 1 - Summary Details

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

CRDC Project Number: CSE1303

Project Title: The role of Bt cotton in pest suppressive landscapes

Project Commencement Date: 10/Nov/2012

Project Completion Date: 17/Nov/2012

Research Program: Farming Systems

Part 2 - Contact Details

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Organisation:

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Signature of Research Provider Representative:

Part 3 – Travel Report

(Maximum two pages)

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

There were two key purposes for travelling to the US in November 2012 they were to

- 1) meet with and progress research with our US collaborator on CRDC project #CSE1302, Prof Tony Ives, University of Wisconsin Madison and
- 2) present findings from CCC CRC project “The Role of Bt Cotton in Pest Suppressive Landscapes” at the Entomological Society of America Conference in Knoxville USA November 11-14 2012.

The first week of the trip was spent in Madison, Wisconsin where Professor Ives, Dr Nancy Schellhorn and I planned the detail of the field experiments and modelling for CRDC project #CSE1302. I gave a presentation providing background of the Australian cotton industry, and the Darling Downs landscape, detail on the biology and ecology of *Helicoverpa punctigera* and *H. armigera*, findings from the recently completed CCC CRC project and proposed objectives for the new project. Following from the presentations we discussed in detail the data collection methods, and how they will link with the resistance modelling component of the project.

The second week of the trip I attended Entomological Society of America's (ESA) 60th Annual Meeting, which was held November 11-14, 2012 in Knoxville, Tennessee. On Wednesday, November 14, 2012, I presented results from the recently completed and CRDC supported project, “The role of Bt cotton in pest suppressive landscapes”. Prior to my presentation I enjoyed numerous talks and posters, and met several others working on GM crops including Jorge Romais, Switzerland, and Tony Shelton, Cornell University.

2. What were the:

a) major findings and outcomes

The main outcomes were directly related to the new project CRDC project #CSE1302 and included

- A detailed plan including the methods and how they would be applied for field experiments during the 2012-13 season and
- Confirmation that the data to be collected would be suitable for modelling.

b) other highlights

n/a

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.)

Professor Tony Ives at the Department of Zoology at the University of Wisconsin, Madison Wisconsin.

4. a) Are there any potential areas worth following up as a result of the travel?

n/a

b) Any relevance or possible impact on the Australian Cotton Industry?

Professor Tony Ives is excited about his involvement in the project and plans on visiting Australia at the end of the year. This will allow full engagement with the cotton industry.

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

The trip was directly related to our current project, the results of undertaking the research strategy developed during the visit will be shared at future industry forums and meetings.