



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:

Project Title: Travel Bursary - Geelong

Project Commencement Date:

Project Completion Date:

Research Program:

- Please Select One -

Part 2 - Contact Details

Administrator: (Name & position of officer responsible for all correspondence).

Organisation: (Organisation administering the research project).

Postal Address:

Ph:

Fax:

E-mail:

Principal Researcher: (Name & position of the principal researcher).

Organisation:

Postal Address:

Ph:

Fax:

E-mail:

Supervisor: (Name & position of senior scientist overseeing the project).

Organisation:

Postal Address:

Ph:

Fax:

E-mail:

Researcher 2 (Name & position of additional researcher or supervisor).

Organisation:

Postal Address:

Ph:

Fax:

E-mail:

Signature of Research Provider Representative: _____

Part 3 – Travel Report

(Maximum two pages)

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

To attend the Cotton Field to Fibre Training course held in Geelong

2. What were the:

a) major findings and outcomes-

The importance of fibre properties such as length, strength and micronaire to the fabric manufactures and dyers. Cotton trends in the market and the possible use of cotton combinations with other fibres not just in textiles but also in the manufacturing.

b) other highlights

Understanding of the importance of defoliation in respect to the timing - maturity of the bolls and achieving the least amount of leaf litter.

The impact of post farm processing – eg Ginning and cleaning on fibre properties.

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.)

CSIRO Materials Science & Engineering Facility

Dr Geoff Naylor

Marin Prins

Rene van der Sluijs

Dr Stuart Gordon

Dr Mike Bange

Geoff Dunlop

Dr David King

Dale Carroll

The Course was held over the 25th-27th of November 2008.

The purpose of visit was to attend the Course which involved lectures and on site practical sessions in the spinning laboratories at the CSIRO Materials Science and Engineering Facility in Geelong.

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

Continued research and extension of the impact of on farm and post farm gate practices on cotton fibre properties.

Investigate a cotton classing system that focuses more on important fibre traits and is more suited to Australian cotton.

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

It is necessary for the Australian cotton Industry needs to develop their own grading system, our cotton is different to the USA cotton in colour and grades.

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

I will discuss the important factors that impact fibre quality with growers and ginnerers. In my job as a cotton consultant, dealing with insects and cotton crop management issues, the knowledge I have gained will be most beneficial. I regularly visit cotton growers during the course of the season. It is important for all factors that contribute to fibre quality as well as yield to be considered by the grower. I hope to be able to use the knowledge gained during the course to improve overall fibre quality in the Namoi Valley. I have already used some of the knowledge gained at Geelong to explain the importance of the cotton fibre strength, length and micronaire, in respect of the fabric maker to one of my clients