



# Final Report

Capacity &amp; Community | Cotton Research &amp; Development Corporation

## *Part 1 - Summary Details*

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**CRDC Project Number:** CRDC301

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**Project Title:** Greg Parle report on 7<sup>th</sup> Meeting of CSITC held on 19<sup>th</sup> March 2006 in Winterthur, Switzerland

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

**CRDC Program:** Capacity & Community

## *Part 2 – Contact Details*

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

**Organisation:** (Organisation administering the research project).

**Postal Address:**

**Ph:**                      **Fax:**                      **E-mail:**

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**Principal Researcher:** GregParle

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

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**Ph:**                      **Fax:**                      **E-mail:**

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



### ***Part 3 – Final Report Guide (due 31 October 2008)***

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Meeting opened with Axel Dreiling's presentation of results from CSITC 7001-1 round trial. I have attached following reports:

- Explanation. PDF (explanation of results)
- RT7001-1 General Lab. PDF (results of all labs)

Information data was accepted by committee.

Other reports I have not attached as follows:

- Evaluation of individual lab for each instrument
- Certificates (New addition. One certificate for participation for each labs instrument and one certificate providing evaluation result for each labs instrument)

There were 55 labs that participated and 70 instruments. This compares to 40 labs and 46 instruments for pilot trial 2. CSITC are hoping for 58 labs and 76 instruments for the next trial. Only 2 Australian labs and 4 instruments participated in CSITC 7001-1 trial. The main reasons why only 2 labs participated are machine problems, holidays and labs closing down for off season.

The following instruments performed in CSITC 7001-1 trial:

30	HVI 900's
18	Spectrum's
11	HVI 1000's
7	Premier's
4	Lintronics

The difference in Colour Rd readings was raised between HVI 900's and HVI 1000's. The HVI 1000 reads brighter on average than HVI 900. Hossien Gorashi from Uster gave a presentation on calibration and maintenance of HVI 900. The HVI 900 has colorimeters using illumination from incandescent whereas the HVI 1000 uses Xenon flash technology. Maintenance of HVI 900's with critical areas for colour as follows:

- Age of colour tiles
- Dirty calibration tiles
- Age of bulbs
- Pressure of colour hand
- HVI malfunction
- Bulb contacts
- Photodiode filter issues



It was decided to include recommendations for achieving good colour performance on colorimeters using illumination from incandescent bulbs as part of next CSITC trial.

A presentation by Axel Drieling and James Knowlton on SFI, neps and maturity variability between instruments was discussed. Some industry sectors would like results of these measurements included in CSITC trials. The following recommendations were made:

- Recommend to USDA to include SFI on calibration cottons
- Not to include SFI, neps or maturity measurements in CSITC trials

The issue of participating in all CSITC trials was due to be raised at meeting but time did not permit. However, I did discuss this issue with Andrew MacDonald and Terry Townsend prior to meeting. We all agreed that it should be up to the individual lab to decide given most production based labs close down during off season. This will be on the agenda for next meeting of CSITC. I have spoken with most Australian labs and they all agree with this process.

All CCAA members have agreed that we should participate in 2 CSITC trials during the classing season being April and July. Samples for CSITC trial 2007-2 have already arrived and results are due in May. Australia will have around 12 instruments participating in each of the next 2 trials.

The eighth meeting of CSITC will be held in Izmir, Turkey on 21<sup>st</sup> October 2007.