



Final Report

Capacity & Community | Cotton Research & Development Corporation

Part 1 - Summary Details

CRDC Project Number: DAN 166C

Project Title: Operational Costs for Cotton Experiments

Project Commencement Date: 01/07/2002 **Project Completion Date:** 30/06/2005

Research Program: Capacity & Community

Part 2 – Contact Details

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Part 3.3 – Final Reports (due 3 months after completion of project)

Background

The CRDC has provided funding to offset the operational costs of growing experimental cotton at ACRI. Over the three years of the project an average of 50Ha of experimental cotton was grown at ACRI on behalf of NSW Department of Primary Industries researchers.

Objectives

The objective of this project is to support cotton experimental trials at ACRI. Cotton was successfully grown at ACRI over the three year period under a broad array of experimental criteria. The successful growing of cotton in this context is intended to meet the needs for cotton experimentation in agronomy, entomology, farming systems and pathology.

Methodology

Conventional cotton growing practices are applied and adapted to suit an array of experimental requirements.

Results

The objective of successfully growing cotton under a broad range of experimental criteria has been achieved. An average of 50ha of cotton was grown over the three year life of the project.

Project Summary

The NSW Department of Primary Industries continues to upgrade technology to enable efficient use of the operational funds provided by CRDC. In particular automated steering has been fitted to two new tractors to enhance fuel efficiency and accuracy of farming operations.

Activities beyond the project

Ongoing maintenance of the resource base through land levelling and rotation is occurring at ACRI so that operational costs for cotton experimentation achieve their intended outcomes. In addition trace elements are being applied to soil to ensure maintenance of soil fertility.

Impact on the Australian Cotton Industry

The management of cotton growing for cotton trial experimentation is dependent on the aims of the specific trial. However cotton growing at ACRI is undertaken to industry standards with the intention of maintaining the long-term productive capacity of the land. The ACRI has recently received Cotton Australia BMP accreditation.



Part 4 – Final Report Executive Summary

Cotton R&D Corporation funds for the project entitled ‘Operational Costs for Cotton Experiments’ were used to fund cotton experimental trials at the Australian Cotton Research Institute (ACRI). The management of cotton growing for cotton trial experimentation is dependent on the aims of the specific trial. However cotton growing at ACRI is undertaken to industry standards with the intention of maintaining the long-term productive capacity of the land. The ACRI has recently received Cotton Australia BMP accreditation. Over the three years of the project an average of 50Ha of experimental cotton was grown at ACRI on behalf of NSW Department of Primary Industries researchers. Cotton was successfully grown at ACRI over the three year period under a broad array of experimental criteria. The successful growing of cotton in this context is intended to meet the needs for cotton experimentation in agronomy, entomology, farming systems and pathology. For further information contact Tony Meppem, Institute Manager: Ph 02 6799 1508.