



Australian Government

**Cotton Research and
Development Corporation**

TRAVEL, CONFERENCE or SCIENTIFIC EXCHANGE REPORT 2016

Part 1 - Summary Details

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

CRDC Project Number: 1006123

Project Title: The World Cotton Conference 6 – Goiania Brazil 2016

Project Commencement Date: 30/04/2016 **Project Completion Date:** 09/05/2016

CRDC Research Program: 4 People

Part 2 – Contact Details

Administrator: Mrs Jill Albion, Manager, Research Grants & Contracts

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Principal Applicant: Luz Angelica Suarez Cadavid

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Supervisor: Professor Armando Apan

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Signature of Research Provider Representative:

Lester Norris

Date Submitted:

22/6/16

Part 3 – Travel, Conference or Scientific Exchange Report

(Maximum two pages)

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

The main purpose of the travel was to present a part of the results of my CRDC-funded PhD research project, to learn about new developments in cotton research, and to expand my research network. My presentation was to show the potential uses of new techniques in the accurate prediction of yield after an herbicide (2,4-D) drift.

2. What were the:

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

The major outcome was a presentation to participants that brought new knowledge about the practical use of proximal/remote sensing techniques in the assessment of damage caused by 2,4-D herbicide drift in cotton crops. I gained valuable knowledge from other presentations. I met a number of researchers.

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.)

Not applicable. The student only attended the conference.

- 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?

The alternative method presented in this conference represents a successful achievement in the prediction of yield loss caused by herbicide drifts. Australian cotton industry can directly benefit if this tool can be extrapolated to the actual cropping area and not only at research level. Testing different doses, stages and varieties may provide different perspectives and scope of this technology. Furthermore, testing different platforms, sensors and resolutions can strengthen and improve the assessment of yield loss by making it more accurate and versatile.

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

The knowledge can be shared in CRDC research workshops or seminars attracting the industry as main audience.

6. Please list expenditure incurred. (Double click inside the table to enter the data)

Date	Description	Amount excl GST	GST	Total
10/02/2016	Registration			283.68
11/02/2016	Airfares			2,906.96
9/02/2016	Accommodation			361.00
30/04/2016	Allowance (From 30/04/2016 to 08/05/2016)	279.90	18.10	298.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
			TOTAL	3,849.64

Please email your report by 21 June 2016 to: research@crdc.com.au

