



## Expression of Interest EOI 2018-19

### Part 1- General Details

		<b>EOI ID</b>	<b>1819-EOI-0121</b>	
<b>EOI Title: (max 80 char)</b>	<b>Science leadership for cotton development in Northern Australia</b>			
<b>Type of Research</b>	Applied			
<b>Proposed Start Date:</b>	01/07/2018	<b>Proposed Cease Date:</b>	30/06/2021	
<b>Please refer to CRDC's Strategic R&amp;D Plan 2013-2018 for the following.</b>				
<b>CRDC Program</b>	1. Farmers			
<b>CRDC Theme</b>	1.1 Successful crop protection			
<b>CRDC Strategy</b>	1.1.3 Improving capacity, knowledge and adoption of techniques to successfully protect the cotton crop.			
<b>Please identify the relevant Measure of Success as outlined in the CRDC Strategic R&amp;D Plan.</b>				
<b>CRDC Measure of Success:</b>	World class science foundations for managing ecological adaptations in cotton insect pests, weeds and diseases.			
<b>Science and Research Priorities</b>	Soil and Water(2) better understanding of sustainable limits for productive use of soil, freshwater, river flows and water rights, terrestrial and marine ecosystems.	50 %	Food(3iii) enhanced food production through: protection of food sources through enhanced biosecurity.	50 %
<b>Rural R&amp;D Priorities</b>	Soil, water and managing natural resources, to manage soil health, improve water use efficiency and certainty of supply, sustainably develop new production areas and improve resilience to climate events and impacts;			
<b>R&amp;D Manager:</b>	Susan Maas	<b>EOI Date:</b>	18 August 2017	

### Part 2 –Expression of Interest Requirements

<b>Issue:</b> Cotton expansion in Northern Australia has unique challenges and risks. While extensive research has been conducted, there is limited cotton production experience in the region. There is also a need to ensure crop modelling reflects the broad range of potential new regions and any proposed developments are based on the best available science for cotton.				
<b>Outcomes:</b> Continue existing and develop new RD&E partnerships with organisations (commercial and Government) intending on investing in new cotton regions. Economic assessments link with biosecurity and environmental considerations				
<b>Project description:</b> This project will provide science leadership and coordination for cotton developments in the North as well as Northern linkage for biosecurity initiatives. It will provide agronomic and technical support for commercial and government activities / enquires regarding cotton production in northern Australia and other new production areas. It should include developing new physiology capacity for the industry, and responsiveness to emerging issues.				
<b>Project Investment:</b> Budget indicated is maximum available. Where the FRP only seeks to address some of the outcomes, the budget will need to reflect this. Overseas travel is not to be included in FRP budgets unless it directly relates to a project output and is an explicit milestone. Otherwise overseas travel must be made as a separate travel application.				
Year	2018-19	2019-20	2020-21	
Indicative budget (up to)	\$ 120,000	\$ 240,000	\$ 240,000	

## Part 3 – Selection Criteria

The following selection criteria will be used by the CRDC to assess the full research proposals (FRPs) received for each Expression of Interest.

**1. A sound understanding of the nature and importance of the outcome to the Australian cotton industry:**

The research applicant must address the Issue, Outcome and Project Description in terms of the CRDC Strategic Plan and demonstrate understanding of the impact on the Australian cotton industry.

**2. Soundness and clarity of the proposed R&D methods to address project deliverable outcomes:**

The research applicant must describe how the research methodology employed will enable the project outcomes to be delivered

**3. Demonstrated capacity of the nominated researcher/s to provide project coordination, management, monitoring and evaluation for the timely delivery of high quality outputs:**

The research applicant must describe the research team's project management skills and experience and may include a recent example of a completed project. They must detail the monitoring and evaluation strategy which should include any steering committees to co-ordinate collaborative research, links with CottonInfo, CGAs, Cotton Australia, etc and any additional reporting outside the 6 monthly Progress Reports.

**4. Demonstrated track record, technical knowledge and experience of all key personnel in the research area:**

The research applicant must describe the project research team's technical skill and experience relevant to the project and methodologies proposed.

**5. A demonstrated capacity to effectively communicate project outcomes to diverse stakeholders within the Australian cotton industry:**

The research applicant must describe the communication skills and existing communication channels that the research team use to communicate project outcomes to the Australian cotton industry. The new applicants to the cotton industry should provide an example of industry communication from a recent project.

**6. Demonstrated ability of the project team to form productive networks and links to build on national and international research already undertaken in related areas:**

The research applicant must describe existing networks that the research team use for collaboration with other researchers and an ability to develop new networks as research knowledge increases.

**7. The cost effectiveness of this project including cash and in-kind commitments from the applicants and leverage through domestic or international linkages that are useful if not essential to progress the project:**

The research applicant should demonstrate market value and market fairness for the proposed budget and comment on the leverage achieved through collaboration and in-kind support.

**8. Project demonstrates collaboration between organisations or research groups:**

The research applicant must describe the existing or proposed collaboration with other researchers, research groups or committees and the Australian cotton industry.