



Expression of Interest EOI 2018-19

Part 1- General Details

		EOI ID	1819-EOI-0116	
EOI Title: (max 80 char)	Improved management of Silverleaf whitefly on cotton farms			
Type of Research	Applied			
Proposed Start Date:	01/07/2018	Proposed Cease Date:	30/06/2021	
<i>Please refer to CRDC's Strategic R&D Plan 2013-2018 for the following.</i>				
CRDC Program	1. Farmers			
CRDC Theme	1.1 Successful crop protection			
CRDC Strategy	1.1.2 Testing practices that deliver improved management of insect pests, weeds and diseases.			
<i>Please identify the relevant Measure of Success as outlined in the CRDC Strategic R&D Plan.</i>				
CRDC Measure of Success:	50% of farmers adopting improved practices that reduce the incidence of insect pests, weeds and diseases affecting cotton on their farm.			
Science and Research Priorities	Food(2) knowledge of the social, economic and other barriers to achieving access to healthy Australian foods.	50 %	Food(3iii) enhanced food production through: protection of food sources through enhanced biosecurity.	50 %
Rural R&D Priorities	Biosecurity, to improve understanding and evidence of pest and disease pathways to help direct biosecurity resources to their best uses, minimising biosecurity threats and improving market access for primary producers;			
R&D Manager:	Susan Maas	EOI Date:	18 August 2017	

Part 2 –Expression of Interest Requirements

Issue: Silverleaf whitefly is a serious pest for the industry, as it has the ability to rapidly increase population, readily develops resistance to insecticides and impacts on quality of cotton. Consultants have reported that the current Silverleaf whitefly sampling and matrix do not deliver consistent results across seasons and regions. Recent sampling has confirmed the need to review and update management recommendations for this pest.				
Outcomes: Improved decision support package for SLW including sampling, threshold & role of insecticides and updated industry IPM. Proven Science supports IPM adoption by cotton growers.				
Project description: This project will deliver an improved decision support package for SLW including sampling, threshold, considerations for beneficials & role of insecticides. Research should be conducted over a number of regions to ensure relevance to wider industry; This project will also engage with growers, consultants and CottonInfo to ensure project findings can be easily communicated and adopted.				
Project Investment: 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)	\$ 300,000	\$ 300,000	\$ 300,000	

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.