



CRDC
INVESTMENTS
2018-19

CRDC investments 2018-2019

The 2018-19 year will mark the first year under CRDC's new five year plan: the 2018-23 CRDC RD&E Strategic Plan. Under this Plan, during 2018-19, CRDC will invest \$24.3 million into approximately 300 RD&E projects across five key areas, in collaboration with around 100 researcher partners, and on behalf of Australia's cotton growers and the Australian Government. This table outlines the projects that CRDC will invest in, along with the lead researcher, their research organisation, and the commencement and completion dates for the projects. Please note that this table is current as of 9 May, and is subject to change.

Key focus area	Outcome	Project title	Project code	Researcher	Organisation	Commenced in:	To be completed in:
Goal 1: Increased productivity and profitability on cotton farms							
1.1 Optimised farming systems	1.1.1 Improved yield and quality	Increased yield through improved management of soil constraints in cotton farming systems	1819FRP073	Bennett, John	USQ	Jul-18	Jun-21
		Precision management for improved cotton quality	CMSE1802	Long, Robert	CSIRO	Jul-17	Jun-20
	1.1.2 Improved input efficiencies	Improving the nitrogen use efficiency of cotton crops through better understanding the role of dissolved organic nitrogen	1819FRP018	Macdonald, Bennett	CSIRO	Jul-18	Jun-21
		Improving water use efficiency in a changing climate	UNSW1802	Triantafyllis, John	UNSW	Jul-17	Jun-20
		Improving water use efficiency in a changing climate	CSP1804	Broughton, Katrina	CSIRO	Jul-17	Jun-20
		IREC Field Station Automated Irrigation	IREC1801	Ayliffe, Emma	IREC	Apr-18	Jun-19
		IREC Field Station: Automation of recycle system	IREC1701	Houghton, Rob	IREC	Mar-17	Aug-18
		More Profit from Nitrogen - enhancing nutrient use efficiency in cotton	RRDP1712	Schwenke, Graeme	NSW DPI	Jul-16	Jun-21
		More Profit from Nitrogen - Improved nitrogen use efficiency through accounting for deep soil and mineralisable N supply, and deployment of Enhanced Efficiency Fertilisers to better match crop N demand	RRDP1717	Van Zwieten, Lukas	NSW DPI	Jul-16	May-20
		More Profit from Nitrogen - Increasing nitrogen use efficiency in dairy pastures	RRDP1714	Rowlings, David	QUT	Jul-16	Nov-19
		More Profit from Nitrogen - Optimising nutrient management for improved productivity and fruit quality in cherries	RRDP1721	Swarts, Nigel	UTAS	Aug-16	Jun-21
		More Profit from Nitrogen - Optimising nutrient management for improved productivity and fruit quality in mangoes	RRDP1720	Bristow, Mila	NTDPIR	Aug-16	Jun-21
		More Profit from Nitrogen - PMA Meetings	RRDP1722	Williams, Allan	CRDC	Jul-16	Jun-20
		More Profit from Nitrogen - Project Communications	RRDP1735	Williams, Allan	CRDC	Jul-16	Apr-20
		More Profit from Nitrogen - Quantifying the whole farm systems impact of nitrogen	RRDP1716	Eckard, Richard	UMELB	Jul-16	Apr-20
		More Profit from Nitrogen - Science leadership and project coordination	RRDP1711	White, Marguerite	ICD	Nov-16	Jun-20
		More Profit from Nitrogen - Smart blended use of enhanced efficiency fertilisers to maximise sugarcane profitability	RRDP1718	Wang, Weijin	DSITI	Jul-16	Apr-20
		More Profit from Nitrogen - YourData platform	RRDP1727	Coutts, Jeff	Coutts J&R	Feb-17	Jun-21
		More Profit from Nitrogen - Improving dairy farm nitrogen efficiency using advanced technologies	RRDP1715	Suter, Helen	UMELB	Jul-16	Nov-19
		More Profit from Nitrogen - New technologies and managements: transforming nitrogen use efficiency in cane production	RRDP1719	Redding, Matthew	QDAF	Sep-16	Jun-21
		Optimising the management of manures in southern NSW cotton production II	1819FRP035	Quayle, Wendy	Deakin University	Jul-18	Jun-21
		PhD: Monitoring soil water dynamics for improving water use efficiency	UNSW1801	Zare, Eshan	UNSW	Jul-17	Jun-20
	PhD: Next-generation fertilisers for nutrient stewardship in cotton production	UQ1702	Pirie, Rhys	UQ	Jan-17	Jan-20	
	PhD: The impact of irrigation methods and management strategies on nitrogen fertiliser recovery in cotton in southern QLD	UQ1502	Smith, John	UQ	Jul-14	Dec-20	
	Utilising plant-based sensing techniques for improving water profitability in fully and partially irrigated cotton	1819FRP043	Jamali, Hizbullah	CSIRO	Jul-18	Jun-21	
	1.1.3 On-farm sustainable development is supported	National Soils RD&E Strategy	COMM			Jul-18	Jun-19
		National Water RD&E Strategy	COMM			Jul-18	Jun-19
		Science leadership for cotton development in Northern Australia	1819FRP013	Yeates, Steve	CSIRO	Jul-18	Jun-21
	1.1.4 Improved reliability of cotton production	A sprayable water barrier to line irrigation channels - scoping study	CSE1802	Bristow, Keith	CSIRO	Oct-17	Sep-18
		Biodegradable sprayable polymer to improve crop water productivity in cotton production systems	1819FRP069	Bristow, Keith	CSIRO	Jul-18	Jun-21
		Minimising yield variability to maximise yield in a cotton farming system	DAN1801	Nachimuthu, Gunasekhar	NSW DPI	Jul-17	Jun-21
		Opportunities for dryland cotton with Bollgard 3	DAQ1703	Grundy, Paul	QDAF	Jul-16	Jun-21
		Optimising seedling emergence	DAN1701	Slinger, Deb	NSW DPI	Jul-16	Jun-19
		PhD: Utilising novel plant growth regulators to develop resilient future cotton systems	CSP1604	Welsh, Claire	CSIRO	Apr-16	Mar-19
		Quantifying the effectiveness of cover crops as a means of increased water infiltration and reduced evaporation in the northern region	GRDC1801	Lawrence, David	GRDC	May-17	Apr-20

Key focus area	Outcome	Project title	Project code	Researcher	Organisation	Commenced in:	To be completed in:
1.2 Transformative technologies	1.2.1 New technologies are adapted for use in cotton	Application of molecular tools to monitoring for resistance alleles in <i>Helicoverpa</i> spp.	CSE1801	Walsh, Tom	CSIRO	Jul-17	Jun-20
		Assessing the potential of a new monitoring tool (Zappa trap) for managing sucking pests on cotton	1819FRP006	Mensah, Robert	NSW DPI	Jul-18	Jun-19
		Commercial development and evaluation of a machine vision-based weed spot sprayer	NEC1402	McCarthy, Cheryl	NCEA	Jul-13	Apr-19
		Future Farm (Phase II): Technology solutions for improved nitrogen application decisions	COMM			Jul-18	Jun-21
		Identifying sensors for better IPM in cotton	1819FRP019	Long, Derek	USQ	Jul-18	Jun-21
		PhD: Characterisation of brassinosteroid effects and brassinosteroid-responsive genes in cotton for growth and stress tolerance enhancement	UNE1605	Al-amery, Anahid A Essa	UNE	Sep-15	Feb-19
		Precise real-time automated cotton irrigation for improved water productivity	1819FRP064	Foley, Joseph	NCEA	Jul-18	Jun-21
		Precise real-time automated cotton irrigation for improved water productivity	1819FRP084	Hornbuckle, John	Deakin University	Jul-18	Jun-21
		Precise real-time automated cotton irrigation for improved water productivity	1819FRP098	Gall, Louise	GVIA	Jul-18	Jun-21
		The platform for monitoring and analysis of cotton canopy nitrogen status and yield projection using calibrated aerial and satellite imagery	FLUR1801	Volkova, Anastasiia	FluroSat Pty Ltd	Dec-17	Aug-18
1.3 Protection from biotic threats and environmental stresses	1.3.1 Increased understanding of the impact of pests, diseases and weeds, and environmental stresses	IPM to support management of emerging cotton pests	1819FRP038	Heimoana, Simone	CSIRO	Jul-18	Jun-21
		PhD: Biology of <i>Amarathus hybridus</i> , <i>A. mitchelli</i> , and <i>A. powellii</i>	UQ1703	Khan, Asad	UQ	Jan-17	Dec-19
		Transformation of <i>Verticillium dahliae</i> , causal agent of <i>Verticillium</i> wilt of cotton, with the GFP gene	DAN1809	Gregson, Aphrika	NSW DPI	Dec-17	Dec-19
		Understanding the ecology of reniform Nematodes in cotton	DAQ1803	Smith, Linda	QDAF	Nov-17	Jun-19
	1.3.2 Improved identification, surveillance and management systems for pests, diseases and weeds and environmental stresses	Biological based products for improved cotton production	1819FRP076	Singh, Brajesh K	UWS	Jul-18	Jun-21
		Biological control and taxonomic advancement for management in the Noogoora burr complex	DAN1805	Johnson, Stephen	NSW DPI	Sep-17	Jun-19
		Conventional insecticide resistance in <i>Helicoverpa</i> - monitoring, management and novel mitigation strategies in Bollgard 3	DAN1506	Bird, Lisa	NSW DPI	Jul-14	Jun-19
		Cotton Disease Technical Lead (CottonInfo and myBMP)	1819FRP077		NSW DPI	Jul-18	Jun-21
		Development of a spray drift hazard prediction system	MRES1701	Tepper, Graeme	MRES	Jul-16	Jun-19
		Digital technologies for dynamic management of disease, stress and yield program	AGWA1701	Waters, Liz	AGWA	Jul-16	Jun-19
		Fitness cost of Vip3A and Cry1Ac resistance in HP	COMM	Walsh, Tom	CSIRO	Jul-18	Jun-21
		Improved management of silverleaf whitefly on cotton farms	1819FRP066	Sequeira, Richard	QDAF	Jul-18	Jun-21
		Improving plant pest management through cross industry deployment of smart sensor, diagnostics and forecasting	HIA1802	Tay, Wee tek & Brooks Dean	HIA	Feb-18	May-22
		Improving the management of cotton diseases in Australian cotton farming systems	RRDP1724	Smith, Linda	QDAF	Jul-16	Jun-19
		Innovative solutions to cotton diseases	DAN1703	Le, Duy	NSW DPI	Jul-16	Dec-20
		IPM Technical lead and pest management for high yield research	1819FRP107	Grundy, Paul	QDAF	Jul-18	Jun-21
		Managing Climate Variability Program (Phase 5)	MLA1701	Tom Davison	MLA	Jul-16	Jun-21
		Managing <i>Verticillium</i> risk for cotton	RRDP1723	Kirkby, Karen	NSW DPI	Jul-16	Jun-19
		Mirid and mealybug best practice management	DAQ1802	Sequeira, Richard	QDAF	Jul-17	Jun-20
		Monitoring silverleaf whitefly insecticide resistance	DAQ1701	Hopkinson, Jamie	QDAF	Jul-16	Jun-19
		Novel products and agronomy to maintain yields under high heat stress conditions	CSP1601	Bange, Michael	CSIRO	Jul-15	Jun-19
		Novel topical vegetable & cotton virus protection BIOCLAY	HIA1803	Mitter, Neena	UQ	Jul-17	Jun-20
		PHA Membership	COMM	Fraser, Greg	PHA	Jul-18	Jun-19
		PHA Secretariat support (Biosecurity RD&E strategy)	COMM	Fraser, Greg	PHA	Jul-18	Jun-19
		PHA Secretariat support (National Working Party on Pesticides Applications)	COMM	Fraser, Greg	PHA	Jul-18	Jun-19
		PhD: Building climate resilience in cotton through translational physiology	ANU1704	Gamble, Demi	ANU	Feb-17	Mar-20
		Ready to use soil test to manage black root rot risks	1819FRP048	Manjarrez, Maria	Microbiology Laboratories Australia	Jul-18	Jun-20
		Reducing cotton discolouration risk (stages 2 & 3)	COMM		Xinova	Jul-18	Jun-19
		Reducing the impact of weather, insects and microbes on cotton colour	1819FRP060	Heimoana, Simone	CSIRO	Jul-18	Jun-21
		Regional approach to weed management	COMM			Jul-18	Jun-21
Resistance research and monitoring to enhance stewardship of Bt cotton and management of <i>Helicoverpa</i> spp.	CSE1701	Downes, Sharon	CSIRO	Jul-16	Jun-19		
Staying ahead of weed evolution in changing cotton systems	UQ1501	Chauhan, Bhagirath	UQ	Jul-14	Jun-19		
Surveillance and studies for endemic and exotic virus diseases of cotton	DAQ1601	Sharman, Murray	QDAF	Jul-15	Jun-19		

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		The sustainable chemical control and resistance management of aphid, mites and mirids in Australian cotton, 2014-2019	DAN1507	Herron, Grant	NSW DPI	Jul-14	Jun-19
		The use of area wide management, IPM, detergents and oils for the suppression of whitefly population in cotton for the reduced reliance and use of chemical controls	CRDC1803	Ayliffe, Emma	Elders	Jul-17	Jun-19
	1.3.3 Industry is prepared for a biosecurity incursion	Large scale biosecurity scenario to support cotton industry preparedness	1819FRP053	Dibley, Stephen	PHA	Jul-18	Jun-19
	Plant Biosecurity Research Initiative	HIA1801	Luck, Jo	HIA	Jul-17	Jun-20	

Goal 2: Improve cotton farming sustainability and value chain competitiveness							
2.1 Sustainability of cotton farming	2.1.1 Improved environmental footprint for cotton farms	Alternative energy technologies and policy solutions for the Australian cotton	1819FRP056	Li, Li	UTS	Jul-18	Jun-21
		Alternative irrigation pump management strategies for healthy water systems	EOI0161			Jul-18	Jun-21
		Appropriate land-use methodology for Australian cotton life-cycle assessments	UQ1701	Visser, Francois	UQ	Jul-16	Jun-19
		CottonMap	COMM	Cottee, Nicola	CA	Jul-18	Jun-19
		Development of next generation evaporation mitigation technology with increased resistance to wind	UM1801	Qiao, Greg	UMELB	Sep-17	Aug-18
		Evaporation mitigation solutions for Australian cotton farm water storages	1819FRP087	Qiao, Greg	UMELB	Jul-18	Jun-21
		Feasibility study of managed aquifer recharge for improved water productivity	1819FRP005	Jakeman, Anthony	ANU	Jul-18	Jun-21
		Improved natural capital (biodiversity) on Australian cotton farms.	1819FRP031	Smith, Rhiannon	UNE	Jul-18	Jun-21
		Improving the ability of the Australian cotton industry to report its sustainability performance	QUT1705	Peterson, Erin	QUT	Jul-16	Oct-19
		Managing natural landscapes on Australian cotton farms to increase the provision	GU1701	Capon, Samantha	Griffith University	Jul-16	Jun-19
		National Residue Survey for Cotton	CA1705	Cottee, Nicola	CA	Feb-17	Feb-19
		PhD: Improving precision agriculture and environmental performance for the Australia	ANU1602	Latimer, James	ANU	Feb-16	Jun-19
		PhD: Sustainable water extractions: Low flow refugia and critical flow thresholds	UNE1406	Pearson, Marita	UNE	Jan-14	Dec-19
		Post doc: Oliver Knox - Professor of soil biology	UNE1403	Knox, Oliver	UNE	Jan-14	Dec-18
		Quantifying the nitrogen cycle: from farm gate to catchments, groundwater and atmosphere	ANSTO1801	Cendon, Dioni	ANSTO	Jul-17	Jun-20
		Quantifying the potential environmental impacts of pesticides used on cotton farms	DAN1803	Rose, Mick	NSW DPI	Jul-17	Jun-20
		Scoping study: Understanding the methodologies and data being used in life cycle impact assessments to assess the impact of man-made fibres in cotton	COMM			Jul-18	Jun-21
		Soil System Research – physical, chemical and biological processes for plant growth and nutrient cycling down the whole soil profile	UNE1601	Knox, Oliver	UNE	Jul-15	Jan-19
		Synthesis of natural resource assets in the cotton growing region of eastern Australia	FWPA1801	Wall, Julian	EcoLogical Aust	Jul-17	Jun-20
		Understanding environmental impacts and resource impacts with changing demand for Australian cotton, assessed using a change modelling life cycle assessment approach	1819FRP108	Wiedemann, Stephen	Integrity Ag Services	Jul-18	Jun-20
2.2 Create higher value uses for cotton	2.2.1 Increased value for Australian cotton	An eco-friendly treatment to improve look and handle of cotton fabric	DU1701	Rajkhowa, Rangam	Deakin University	Oct-16	Sep-18
		Continuous mercerisation of loose-stock cotton without fibre shrinkage	RMIT1802	Padhye, Rajiv	RMIT	Feb-18	Dec-18
		Developing renewable fine chemicals from cotton biomass	SRA1601	Doherty, William	SRA	Feb-16	Apr-19
		Ever dry self cooling fabrics - commercialisation investigation phase	COMM		Deakin University	Jul-18	Jun-21
		Exploring nanofibrous coating on cotton fabric with versatile protection and dynamic comfort	RMIT1702	Gavrilenko, Olga	RMIT	Feb-17	Jan-20
		Identifying high value uses for recycled cotton	1819FRP030	Zhang, Jin	Deakin University	Jul-18	Jun-21
		Managing cotton quality to maintain Australia's premium status	CMSE1801	Van der Sluijs, Rene	CSIRO	Jul-17	Jun-20
		Novel anti-wetting and self-sterilising cotton fabrics	DU1802	Lui, Xin & Zhao, Yan	Deakin University	Jan-18	Dec-18
Scoping study: Identifying opportunities for blending cotton with high tech / novel textile materials	1819FRP063	Miao, Menghe	CSIRO	Jul-18	Jun-19		

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	2.2.2 Increased understanding of market requirements and opportunities throughout the value chain	Bio-degradation of dyed cotton fabrics	NCSU1701	Vinueza, Nelson	NCSU	Jan-16	Dec-18
		Consumer perceptions of Australian cotton - Roy Morgan	EO1172		CA	Jul-18	Jun-19
		Micro particles generated from laundering of cotton and other fabrics	NCSU1702	Venditti, Richard	NCSU	Jan-17	Dec-18
		Strategies for improving labour conditions within the Australian cotton value	1819FRP051	Payne, Alice	QUT	Jul-18	Jun-21
2.3 Measurement and reporting throughout the value chain	2.3.1 CRDC collaborates in global leadership for sustainability initiatives	Sustainable Apparel Coalition Membership 2017	CRDC1817	Robinson, Glen	SAC	Aug-17	Jul-18
	2.3.2 The value chain is transparent and understood by participants	PhD: Sustainable value chain analysis of the Australian cotton industry	1819FRP052	Payne, Alice	QUT	Jul-18	Jun-21

Goal 3: Build adaptive capacity of the cotton industry							
3.1 Science and innovation capability, and new knowledge	3.1.1 Science and innovation capacity is strengthened and strategically fit for a digital future	2015 Horizon Scholarship - Scott Nevison	RIRDC1503	Nevison, Scott	AgriFutures	Mar-15	Dec-18
		2016 Horizon Scholarship - Sam Knight	RIRDC1602	Knight, Sam	AgriFutures	Jul-15	Dec-19
		2017 Cotton Young Farming Champions Program	CRDC1728	Strong, Lynne	PYIA	Dec-16	Jan-19
		2017 Horizon Scholarship - Holly Chandler	RIRDC1702	Chandler, Holly	AgriFutures	Jul-16	Dec-19
		2018 Australian Future Cotton Leaders Program	CA1806	Eady, Jo	CA	Mar-18	Dec-18
		Accelerating Precision to decision (Phase 2): Industry digital strategies the foundations for success	COMM		D2D CRC	Jul-18	Jun-21
		AgCatalyst 2018	CSP1805	Purtell, Gavin	CSIRO	Aug-18	Aug-18
		Agri-intelligence in cotton production systems (Stage 1)	QUT1701	Perez, Tristan	QUT	Jan-17	Dec-18
		ARLP Cotton Industry Leadership Development	COMM	Woodhill, Phillipa	ARLF	Jul-18	Jun-19
		Australian Rural Leadership Course 24 - Richard Malone	RIR1802	Malone, Richard	ARLF	Aug-17	Oct-18
		Australian Rural Leadership Course 24 - Timothy Chaffey	RIR1801	Chaffey, Timothy	ARLF	Aug-17	Oct-18
		CRDC Summers/Honours Scholarships	COMM		CRDC	Jul-18	Jun-19
		Data analytics capacity and solutions developed for digitising the Australian cotton industry	COMM			Jul-18	Jun-21
		Design of versatile protective cotton fabrics with colour and patterns	RMIT1801	Williamson, Olivia	RMIT	Feb-18	Nov-18
		Evaluation of relative damage caused by two-spotted mite, bean spider mite and strawberry mite in cotton	DAN1808	Shafto, Christopher	NSW DPI	Jan-18	Dec-20
		Facilitate Start Up Alley at the 19th Australian Cotton Conference	XL1802	Parsons, Tim	XLAB	May-18	Aug-18
		Honours: Establishing precision/digital agriculture at 'Llara'	US1802	Ginns, Bradley	USYD	Dec-17	Nov-18
		Honours: Estimating soil water use in cotton systems	CSP1803	Gaynor, Harry	CSIRO	Jan-18	Nov-18
		Improving grower decisions in complex systems	1718FRP017	Wunsch, Geraldine	USQ	Mar-18	Jun-21
		Irrigation data science research capacity for the Australian cotton industry	1819FRP080	Roth, Guy	USYD	Jul-18	Jun-21
		Nuffield Australia Farming Scholarship 2017 - Daniel Kahl	CRDC1711	Kahl, Daniel	Nuffield	Jul-16	Sep-18
		Nuffield Australia Farming Scholarship 2018 - Luke McKay	CRDC1801	McKay, Luke	Nuffield	Jul-17	Sep-19
		Nuffield Australia Farming Scholarship 2019	COMM	Dean, Jodie	Nuffield	Jul-18	Jun-19
		Partnership with Deakin University for fibre and textile R&D capacity	COMM		Deakin University	Jul-18	Jun-23
		Start Up Alley at the 19th Australian Cotton Conference	CA1805	Anderson, Fleur	CA	May-18	Aug-18
		3.1.2 Increased understanding of the diverse human capital in regional communities	People on farm - Employment Starter Kit Initiative (ESKi)	DA1502	Hellwege, Shane	DA	Jul-14
Rural Womens' Awards	COMM		Medway, Jennifer	AgriFutures	Jul-18	Jun-19	
Understanding and planning for the future cotton workforce	USQ1801		McDonald, Nicole	USQ	Oct-17	Oct-20	
Understanding motivational factors for improved spray application on farms	1819FRP093		Hine, Don	UNE	Jul-18	Jun-20	
3.1.3 Increased opportunities for innovation skills development	Catapult program CRDC Innovation (Phase I)	XL1801	Taylor, Ian	XLAB	Apr-18	Jun-19	
3.2 Futures thinking	3.2.1 Australian cotton growers are able to adapt to change	19th Australian Cotton Conference Foundation Sponsorship	CA1804	Anderson, Fleur	CA	Dec-17	Sep-18
		Collaborative Partnership Primary Industries Health & Safety	COMM	Medway, Jennifer	AgriFutures	Jul-18	Jun-19
		CRDC Grassroots Grants	COMM		CRDC	Jul-18	Jun-19
		Thresholds for resilience in regional communities	1819FRP028	Nettle, Ruth	UMELB	Jul-18	Jun-20
	3.2.2 Increased opportunities for strategic foresighting	Cotton Australia Board Portal	COMM	Cottee, Nicola	CA	Jul-18	Jun-19
		Grower RD&E advisory panels - Capacity Building	COMM	Cottee, Nicola	CA	Jul-18	Jun-19
		Grower RD&E advisory panels - Travel	COMM	Cottee, Nicola	CA	Jul-18	Jun-19

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Goal 4 (Enabling Strategy 1): Strengthening partnerships and adoption							
4.1. Partnerships and collaboration	4.1.2 CottonInfo partnership is maintained and practice change improved	Benchmarking water use efficiency and crop productivity in the Australian cotton industry	DAN1505	Chaffey, Alison	NSW DPI	Jul-14	Jun-19
		Climate and energy for cotton farming businesses	AE1801	Welsh, Jon	AgEcon	Jul-17	Jun-20
		Communicating cotton best production practices with video	1819FRP091	Grundy, Paul	QDAF	Jul-18	Jun-21
		Cotton industry database management	CRDC1804	Armson, Lee	Making Data Easy	Jul-17	Jun-20
		CottonInfo: field demonstrations	COMM	Waters, Warwick	CRDC	Jul-18	Jun-19
		CottonInfo: monitoring and evaluation support system	CRDC1818	Coutts, Jeff	Coutts J&R	Jul-17	Jun-19
		IPM and Insect Resistance Technical Lead (CottonInfo and myBMP)	1819FRP034	Ceeneey, Sally	Ceeneey Agricultural Consultants	Jul-18	Jun-21
		National biosecurity and disease extension and coordination and CQ regional extension	DAQ1801	Holman, Sharna	QDAF	Jul-17	Jun-20
		NRM Technical Lead and extension campaigns (CottonInfo and myBMP)	CRDC1805	Vogel, Stacey	Stacey Vogel Consulting	Jul-17	Jun-20
	Technical Lead - Nutrition & Water (CottonInfo and myBMP)	DAN1807	Smith, John	NSW DPI	Jul-17	Jun-19	
4.1.3 Partnerships are strengthened to engage multi-disciplinary and multi-institutional resources	AgVet Collaborative Forum - Plant Industries (Phase 3)	RIRDC1701	Medway, Jennifer	AgriFutures	Jul-16	Dec-19	
	Climate Change Research Strategy for Primary Industries 2017-2020	CCR1801		CCRSPI	Jul-17	Jun-20	
	WeedSmart (Phase 4)	UWA1801	Mayer, Lisa	UWA	Jul-17	Jun-20	
4.2 Best practice (myBMP)	4.2.1 Best practice is based on science and measured impact	Boyce Cotton Comparative Analysis	COMM	Alchin, Phil	BCA	Jul-18	Jun-19

Goal 5 (Enabling Strategy 2): Driving RD&E impact							
5.1 Impact and effectiveness	5.1.2 CRDC monitors and evaluates RD&E impact	Annual consultant qualitative and quantitative surveys	1819FRP082	Todd, Liz	CCA	Jul-18	Jun-21
		Communications support projects	CRDC1744	Pilling, Bernadette	House of Communications	Jun-17	Dec-18
		CRDC Grower Practice Survey	CRDC1733	Sparks, Michael	Intuitive Solutions	Mar-17	Dec-19
		Longitudinal assessment of the cotton industry's people investments	CRDC1710	Moffatt, Jennifer	Jennifer Moffatt	Jul-16	Dec-18
		Measuring and reporting the value of capacity building on farms and in research	CRDC1701	Stone, Gordon	QualDATA	Jul-16	Jun-19
		Reinventing Australian agricultural statistics	AFI1802	Keogh, Mick	AFI	Apr-18	Nov-18
		Risk management in Australian agriculture	AFI1803	Keogh, Mick	AFI	Apr-18	Nov-18
	5.1.3 CRDC funded projects demonstrate value and return on investment	Impact assessment of selected clusters of projects	COMM	Chudleigh, Peter	AgTrans	Jul-18	Jun-19
		More Profit from Nitrogen - mid-term evaluation	RRDP1736	Coutts, Jeff	Coutts J&R	Jun-18	Sep-18

Key	
AFI	Australian Farm Institute
AgriFutures	AgriFutures Australia (formerly the Rural Industries Research & Development Corporation)
AGWA	Australian Grape and Wine Authority
ANSTO	Australian Nuclear Science & Technology Organisation
ANU	Australian National University
ARLF	Australian Rural Leadership Foundation
BCA	Boyce Chartered Accountants
CA	Cotton Australia
CCA	Crop Consultants Australia
CCRSPI	Climate Change Research Strategy for Primary Industries
CRDC	Cotton Research and Development Corporation
CSIRO	Commonwealth Scientific and Industrial Research Organisation
D2D CRC	Data to Decisions Cooperative Research Centre
DA	Dairy Australia
DSITI	Queensland Department of Science, Information Technology and Innovation
GRDC	Grains Research and Development Corporation
GVIA	Gwydir Valley Irrigators Association
HIA	Horticulture Innovation Australia Limited
ICD	Initiated Coordinated Delivered (ICD) Project Services
IREC	Irrigation Research and Extension Committee
MLA	Meat and Livestock Australia
MRES	Micro Meteorology Research & Education Services
NCEA	National Centre for Engineering in Agriculture
NCSU	North Carolina State University
NSW DPI	NSW Department of Primary Industries
NTDPIR	Northern Territory Department of Primary Industries and Resources
PHA	Plant Health Australia
PYIA	Picture You in Agriculture
QDAF	Queensland Department of Agriculture and Fisheries
QUT	Queensland University of Technology
RMIT	Royal Melbourne Institute of Technology
SAC	Sustainable Apparel Coalition
SRA	Sugar Research Australia
UMELB	University of Melbourne
UNE	University of New England
UNSW	University of New South Wales
UQ	University of Queensland
USQ	University of Southern Queensland
USYD	University of Sydney
UTAS	University of Tasmania
UTS	University of Technology Sydney
UWA	University of Western Australia
UWS	University of Western Sydney