

Cotton industry trial sites: 2017-18

List curated by CottonInfo

Central QLD						
Town	Topic	Season	Description	Contact	Email	Phone
Emerald	Central Queensland farming system	2017-18	Collection and benchmarking of commercial crop physiology and input information of crops planted from August to December.	Paul Grundy, DAF	paul.grundy@daf.qld.gov.au	0427 929 172
Central Highlands	Bt resistance management	2017-18	Monitoring different agricultural crops (through pupae digging) throughout the year which could act as a source of susceptible moths and to better understand the local farming system which could impact on Bt resistance.	Sharna Holman, DAF	sharna.holman@daf.qld.gov.au	0477 394 116
Emerald	Conventional insecticide resistance	2017-18	Conventional insecticide resistance testing on <i>Helicoverpa</i> spp.	Lisa Bird, NSW DPI	lisa.bird@dpi.nsw.gov.au	02 6763 1128
Emerald	IPM	2017-18	CottonInfo exclusion tents - investigating whether high pest pressure (mirids) during early squaring impacts on final fruit retention/yield	Sharna Holman, DAF	sharna.holman@daf.qld.gov.au	0477 394 116
Emerald	IPM	2017-18	High heliothis egg populations and effect on early season crop damage	Mary Whitehouse, CSIRO	mary.whitehouse@csiro.au	0428 424 205
Emerald	Fibre quality	2017-18	Factors affecting colour grade	Simone Heimoana, CSIRO	simone.heimoana@csiro.au	0427 992 466
Emerald, Springsure and Clermont	Cotton pathology	2017-18	Surveillance for endemic and exotic virus diseases of cotton	Murray Sharman, DAF	murray.sharman@daf.qld.gov.au	0405 564 428
Emerald, Moura and Theodore	Cotton pathology	2017-18	Annual industry disease survey	Linda Smith, DAF	linda.smith@daf.qld.gov.au	0457 547 617
Emerald, Springsure, Moura and Theodore	Ambassador network	2017-18	Five sites measuring productivity at a field scale	Sam Lee and Chris Barry, CSD	saml@csd.net.au; cbarry@csd.net.au	0427 437 236 (Sam) 0491 212 705 (Chris)

Emerald, Springsure, Moura and Theodore	B3F evaluation	2017-18	Examining growth characteristics, yield/quality performance of new B3F lines	Sam Lee and Chris Barry, CSD	saml@csd.net.au; cbarry@csd.net.au	0427 437 236 (Sam) 0491 212 705 (Chris)
Emerald, Theodore	Commercial Seed Treatments	2017-18	Evaluating performance of various insecticide and nutrient coatings on establishment, early growth and yield	Sam Lee and Chris Barry, CSD	saml@csd.net.au; cbarry@csd.net.au	0427 437 236 (Sam) 0491 212 705 (Chris)
Emerald, Moura	Factors influencing boll weight	2017-18	Study of factors (environmental and agronomic) which drive boll weight	Sam Lee and Chris Barry, CSD	saml@csd.net.au; cbarry@csd.net.au	0427 437 236 (Sam) 0491 212 705 (Chris)
Theodore	Cotton pathology	2017-18	Measuring the impact of crop rotations on reniform nematode populations	Linda Smith, DAF	linda.smith@daf.qld.gov.au	0457 547 617
Central Highlands and Dawson and Callide Valley	Water and nutrient use efficiency	2017-18	There are several grower-led projects exploring different aspects of water and nutrient use efficiency (FBA funding)	Rick Kowitz, myBMP (Cotton Australia)	rickk@cotton.org.au	0427 050 832

Darling Downs						
Town	Topic	Season	Description	Contact	Email	Phone
Brookstead, Cecil Plains	Pigeon pea selection	2017-18	Selection trials for pigeon pea varieties to improve refuge function	Paul Grundy, QLD DAF	Paul.Grundy@daf.qld.gov.au	0427 929 172
Dalby	Commercial Seed Treatments	2017-18	Evaluating performance of various insecticide and nutrient coatings on establishment, early growth and yield	Chris Barry, CSD	cbarry@csd.net.au	0491 212 705
Dalby, Yandilla, Jondaryan, Kupunn, Bongeen, Cecil Plains, Macalister, Condamine	Factors influencing boll weight	2017-18	Study of factors (environmental and agronomic) which drive boll weight	Chris Barry, Sam Lee, CSD	saml@csd.net.au, cbarry@csd.net.au	0427 437 236, 0491 212 705

Jondaryan, Yandilla, Cecil Plains, Macalister, Brookstead, Dalby, Bongeen, Chinchilla, Byee, Condamine, Jandowae, Kupunn	B3F Evaluation	2017-18	Evaluation of new B3F varieties examining growth characteristics, yield/quality	Chris Barry, Sam Lee, CSD	saml@csd.net.au, cbarry@csd.net.au	0427 437 236, 0491 212 705
Dalby, Jimbour, Hopeland	RRF Evaluation	2017-18	Evaluation of RRF varieties examining growth characteristics, yield/quality	Chris Barry, CSD	cbarry@csd.net.au	0491 212 705
Brookstead	Fusarium Resistance Ranking B3F	2017-18	Evaluation of BG3 for F.Ranking System	Chris Barry, Sam Lee, CSD	saml@csd.net.au, cbarry@csd.net.au	0427 437 236, 0491 212 705
Jondaryan, Yandilla, Cecil Plains, Macalister, Brookstead, Dalby, Bongeen, Chinchilla, Byee, Condamine, Jandowae, Kupunn	Ambassador Network	2017-18	17 sites measuring productivity at a field scale in both irrigated and dryland	Chris Barry, Sam Lee, CSD	saml@csd.net.au, cbarry@csd.net.au	0427 437 236, 0491 212 705
Woodlands, Warwick, Mundubbera, Biggenden	Demo sites	2017-18	Demonstration sites for new growing areas and opporntnities	Chris Barry, CSD	cbarry@csd.net.au	0491 212 705

Jondaryan, Brookstead	Nitrogen Fertiliser use efficiency and GHG emissions	2017-18	Influence of N rate, N formulation and irrigation system on N use efficiency and GHG emissions	Dio Antille/Peter Grace, QUT	Dio.Antille@usq.edu.au	0447 125 583
Jondaryan	Irrigation Efficiency	2017-18	Prototype smart automated, precision irrigation	Alison McCarthy, NCEA	Alison.McCarthy@usq.edu.au	04588 45 858
Dalby	Smart Syphon	2017-18	Automation of syphon irrigation	ISLEX		07 3345 3511
Darling Downs	Variable N Rates and spatial variability in cotton	2017-18	use remote sensing and crop modelling to define management zones, N application rate and timing	Max De Antoni/Peter Grace QUT	max.deantoni@qut.edu.au>	07 3138 1360
Darling Downs	More Profit from Nitrogen	2017-18	Optimising nitrogen and water interactions in cotton	Alice Melland	alice.melland@usq.edu.au	
Darling Downs	Opportunities for dryland Cotton with Bollgard 3	2017-18	exploring opportunities for dryland production for Bollgard 3	Paul Grundy, QLD DAF	Paul Grundy (paul.grundy@daff.qld.gov.au)	0427 929 172
Darling Downs	Agri-intelligence in cotton production systems	2017-18		Tristan Perez, QUT	tristan.perez (tristan.perez@qut.edu.au)	0447 590 011
Jimbour, Jondaryan	Inversion sensing Towers	2017-18	Development of a spray drift hazard identification system	Graeme Tepper		

Goondiwindi, St George and Dirranbandi						
Town	Topic	Season	Description	Contact	Email	Phone
Dirranbandi	Variety & Ambassador trial	2017-18	Evaluate Bollgard 3 varieties for performance and yield	Chris Teague	cteague@csd.net.au	
North Star	Verticillium trial	2017-18	Monitoring vert under different rotations	Linda Smith and Linda Scheikowski	linda.smith@daf.qld.gov.au	

St George	Pigeon Pea variety trial	2017-18	Selection trials for pigeon pea varieties to improve refuge function	Kristen Knight Monsanto, Paul Grundy QLD DAF		
St George	Irrigation scheduling	2017-18	Canopy temperature sensors used for irrigation scheduling in a fully irrigated cotton crop	Dr Hizbullah Jamali, CSIRO	Hiz.Jamali@csiro.au	
McIntyre	VARlwise trial	2017-18	Evaluate UAV cameras and VARlwise software for crop mapping and yield prediction	Alison McCarthy, NCEA	Alison.McCarthy@usq.edu.au	
Goondiwindi	Cover Crop	2017-18	Investigating the costs and benefits to plant available water (PAW) of growing a cover crop, following a low stubble crop	Andrew Erbacher QDAF	Andrew.Erbacher@daf.qld.gov.au	
Boggabilla	WUE/NUE	2017-18	What quantity of dissolved nitrogen moves out of the field with irrigation tail water under normal fertiliser and irrigation practice. Does irrigation management techniques impact on the amount of this loss? What is the impact on nitrogen loss in irrigation tail water with an increased flow rate.	Sally Dickinson	sally.dickinson@cottoninfo.net.au	
McIntyre	Pest Pressure	2017-18	Demonstrate the impact of pest pressure on cotton fruit retention using inclusion nets to introduce additional green mirids	Sally Dickinson	sally.dickinson@cottoninfo.net.au	

Gwydir and Mungindi						
Town	Topic	Season	Description	Contact	Email	Phone
Moree, Keytah	Irrigation Systems Trial	2017-18	Run by the Gwydir Valley Irrigators Association, this trial compares 4 different irrigation systems; Furrow, Bankless, Lateral Move and Drip. This season the trial will include a demonstration of various automated components associated with the furrow and bankless systems, including Islex smart siphons installed in the furrow field and automated gates on the bankless field.	Lou Gall, GVIA	lou.gall@gvia.org.au	0427 521 498

Moree, Norwood	Examining the impact of flow rate and run time on the lateral movement of nitrogen from irrigated cotton fields	2017-18	This trial is designed to quantify the runoff component of the nitrogen loss pathway and highlight the relationship between irrigation and nitrogen management.	Janelle Montgomery, CottonInfo	janelle.montgomery@cottoninfo.net.au	0428 640 990
Moree	Demonstrate the impact of pest pressure on cotton fruit retention in different regions using inclusion nets to introduce additional green mirids.	2017-18	This trial is designed to find out whether high pest (Green Mirid) pressure during early squaring (Nov, Dec) really makes a difference to final fruit retention / yield?	Janelle Montgomery, CottonInfo	janelle.montgomery@cottoninfo.net.au	0428 640 990
Moree	Ambassador network	2017-18	10 irrigated sites monitoring the impacts on productivity at a field scale.	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Moree	Ambassador network	2017-18	5 dryland sites monitoring the impacts on productivity at a field scale.	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Moree	Commercial Seed Treatment Trial	2017-18	Field performance of commercial seed treatments on emergence and insect control	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Moree	Fusarium Resistance Ranking Bollgard 3	2017-18	Evaluation of Bollgard 3 for F. ranking System - 1 site	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Moree	Verticillium Resistance Ranking Bollgard 3	2017-18	Evaluation of Bollgard 3 for V. ranking System - 1 site	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142

Moree	RRF Variety Evaluation	2017-18	Evaluation of RRF varieties (large Scale) - 1 site	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Moree	Bollgard 3 Variety Evaluation	2017-18	Evaluation of Bollgard 3 varieties - 3 irrigated sites	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Moree	Bollgard 3 Variety Evaluation	2017-18	Evaluation of Bollgard 3 varieties - 3 dryland sites	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Moree	Plant population x Variety	2017-18	Evaluation of Sicot 746B3F & Sicot 748B3F at different plant populations	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Mungindi	Bollgard 3 Variety Evaluation	2017-18	Evaluation of Bollgard 3 varieties - 2 irrigated sites	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Mungindi	Verticillium Resistance Ranking Bollgard 3	2017-18	Evaluation of Bollgard 3 for V. ranking System - 1 site	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Mungindi	Investigate the effect of solarisation on verticillium	2017-18		Linda Smith, QDAF Janelle Montgomery, CottonInfo	linda.smith@daf.qld.gov.au	0457 547 617
Weemelah, Terriadi	Examining the impact of flow rate and run time on the lateral movement of nitrogen from irrigated cotton fields	2017-18	This trial is designed to quantify the runoff component of the nitrogen loss pathway and highlight the relationship between irrigation and nitrogen management.	Janelle Montgomery, CottonInfo	janelle.montgomery@cottoninfo.net.au	0428 640 990
Moree	Industry Disease surveys	2017-18	Fields located across the Gwydir Valley are examined for the presence of disease, both early season and late season	Aphrika Gregson Janelle Montgomery, CottonInfo	aphrika.gregson@dpi.nsw.gov.au	0429 963 894

Mungindi	Industry Disease surveys	2017-18	Fields located across the Mungindi district are examined for the presence of disease, both early season and late season	Linda Smith, QDAF Janelle Montgomery, CottonInfo	linda.smith@daf.qld.gov.au	0457 547 617
Moree, Auscott	Minimising yield variability to maximise yield in cotton farming system	2017-18	2 paired fields (eg 1 that consistently yields higher vs 1 that consistently yields lower) - EM survey overlaid with yield map, then further soil investigations – Auscott	Guna Nachimuthu, NSW DPI, Patrick Filippi, Thomas Bishop, University of Sydney	guna.nachimuthu@dpi.nsw.gov.au	0428 217 862
Moree, Norwood	More Profit from Nitrogen	2017-18	Graeme Schwenke, Jon Baird, Guna Nachimuthu Enhancing nitrogen use efficiency & improving phosphorus nutrition in cotton Nitrogen inhibitor trial (inject inhibitor with Anhydrous Ammonia) – Norwood Melbourne Uni measuring N volatilisation for 3 irrigations. Previously measured tail water losses and found 1/3 of the N applied lost in tail water, so this project will get a handle on volatilisation losses – Norwood	Graeme Schwenke, Jon Baird, Guna Nachimuthu, NSW DPI Ben Macdonald CSIRO Helen Suter, Mei Bai University of Melbourne	Graeme Schwenke@dpi.nsw.gov.au	

Upper Namoi						
Town	Topic	Season	Description	Contact	Email	Phone
Breeza and Boggabri	Irrigated Ambassador sites	2017-18	3 sites monitoring the impacts on productivity at a field scale.	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Spring Ridge and Breeza	Dryland Ambassador sites	2017-18	2 sites monitoring the impacts on productivity at a field scale.	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Boggabri	Bollgard 3 variety evaluation	2017-18	Evaluation of new Bollgard 3 varieties	Rob Eveleigh, CSD	roberte@csd.net.au	0427 915 921

Boggabri, Breeza (3), Spring Ridge (2), Mullaley (1)	Variety Trials	2017-18		Robert Eveleigh	roberte@csd.net.au	0427 915 921
Boggabri	Verticillium	2017-18	Building V- rank data	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Pine Ridge	Faststart Programme	2017-18	Looks at improving crop emergence and establishment for first 70 days of growth to set up crop yield potential.	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Spring Ridge	Seed insecticide treatment	2017-18	Looking at early season establishment	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Breeza	Exclusion Tents	2017-18	Looking at early season Mirid damage and effects on yield	Geoff Hunter, CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777

Lower Namoi						
Town	Topic	Season	Description	Contact	Email	Phone
Merah Nth (2), Carinda, Wee Waa, Narrabri (2), Harparary, Bellata (2)	Variety Trials	2017-18		Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Merah Nth (2), Carinda, Culgoora (2), Narrabri	Irrigated Ambassador Network	2017-18	Six sites monitoring productivity impacts at a field scale	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Bellata, Narrabri	Dryland Ambassador Network	2017-18	Two sites monitoring productivity impacts at a field scale	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Narrabri (2)	Faststart Potential	2017-18	Looks at improving crop emergence and establishment for first 70 days of growth to set up crop yield potential.	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921

Narrabri, Harparary, Culgoora	Verticillium	2017-18	Building V- rank data	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Culgoora	Replant calculator	2017-18	To assist with bolstering data in the replant calculator tool	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Narrabri	Moisture Attractants	2017-18	Trial the use of different moisture attractants to assist germination and establishment	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Culgoora, Bellata	Dryland Row configuration trial	2017-18	To build data on performance of different row configurations in Dryland cotton	Rob Eveleigh, CSD	roberte@csd.net.au	427 915 921
Wee Waa, Boggabri, Narrabri, Harparary, Moree	Verticillium	2017-18	Multiple rotation crop soil sampling to look at effects on Verticillium Wilt inoculum levels in soil	Geoff Hunter, CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777
Wee Waa, Boggabri, Narrabri, Harparary	Water Quality	2017-18	Water quality testing for Stygofauna in Bore water	Geoff Hunter, CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777
Narrabri	Nitrogen loss vs water rate	2017-18	Looking at N losses in tailwater with different water rates	Geoff Hunter, CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777
Walgett	Variety Trial on 60 inch	2017-18	Looking at varietal differences on a different row configuration	Geoff Hunter/ Rob Eveleigh		

Macquarie						
Town	Topic	Season	Description	Contact	Email	Phone
Trangie	Black root rot monitoring	2017-18	Investigation into the effect of vetch on BRR spore levels	Amanda Thomas, CottonInfo	amanda.thomas@cottoninfo.net.au	0417 226 411
Warren	Disease survey	2017-18	Annual disease survey at 14 sites	Amanda Thomas, CottonInfo	aphrika.gregson@dpi.nsw.gov.au	
Macquarie	Weed survey	2017-18	Annual weed survey to monitor resistance	Eric Kotez, NSW DPI	eric.kotez@dpi.nsw.gov.au	0413 256 132
Macquarie	Ambassador Network	2017-18	Monitoring productivity impacts at a field scale at 9 sites	Bob Ford, CSD	bford@csd.net.au	0428 950 015
Macquarie	CSD Variety Trials	2017-18	Current and new varieties for the south at 8 sites.	Bob Ford, CSD	bford@csd.net.au	0428 950 015

Macquarie	CSD agronomy trials	2017-18	Plant population trials, seed fungicide, seed fertiliser and seed insecticide trials at six sites	Bob Ford, CSD	bford@csd.net.au	0428 950 015
Warren	Irrigation and Nitrogen monitoring	2017-18	Investigation into flow rates and N losses in early irrigations	Amanda Thomas, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0417 226 411
Trangie	Inclusion and exclusion tents	2017-18	To demonstrate the impact of green mirids and environmental conditions on fruit retention	Amanda Thomas, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0417 226 411
Narromine / Warren	Minimising yield variability	2017-18	Paired paddocks looking at causes of yield variability	Guna Nachimuthu	guna.nachimutha@dpi.nsw.gov.au	02 679924077

Southern						
Town	Topic	Season	Description	Contact	Email	Phone
Hillston	Black root rot monitoring	2017-18	Investigation into the effect of vetch on BRR spore levels	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Southern	Disease survey	2017-18	Annual disease survey at 14 sites	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Southern	Weed survey	2017-18	Annual weed survey to monitor resistance	Eric Kotez, NSW DPI	eric.kotez@dpi.nsw.gov.au	0413 256 132
Southern	Ambassador Network	2017-18	Monitoring productivity impacts at a field scale at 9 sites	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Southern	CSD Variety Trials	2017-18	Current and new varieties for the south at including new BBT varieties, 8 sites.	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Southern	CSD agronomy trials	2017-18	Plant population trials, seed fungicide (new products BRR and Riz), seed fertiliser (pop-up on seed) and seed insecticide (new products - thrips and wireworms) trials at six sites	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Southern	CSD Demo Sites	2017-18	Variety Demo sites in new area (Acres of Opp). Crop monitoring to see if cotton does have a fit in these outlying areas, 3 Sites	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
IREC Whitton	Manure management trial	2017-18	BMP for manure amendments	Wendy Quayle, Deakin Uni	w.quayle@deakin.edu.au	0417 436 775

Darlington Point	Max project	2017-18	R&D for Profit programme: Smarter Irrigation for Profit trial - Maximising N and water use efficiency	Wendy Quayle, Deakin Uni	w.quayle@deakin.edu.au	0417 436 775
Darlington Point	PhD - Nitrogen fertiliser recovery	2017-18	The impact of irrigation methods and management strategies on Nitrogen fertiliser recovery - N rate, irrigation strategies and products	John Smith, NSW DPI	john.smith@dpi.nsw.gov.au	0427 060 597
Warrawidgee	Biodegradable film trial	2017-18	Effect of biodegradable film on establishment and development	Steve Buster, NSW DPI	steve.buster@dpi.nsw.gov.au	0427 248 413
Coleambally	Water run urea monitoring	2017-18	Monitoring of N levels in water run urea, PhD project	James Latimer, ANU	james.latimer@anu.edu.au	0433 922 997
IREC Whitton	Whitefly control using softer options	2017-18	The use of area wide management, IPM, detergents and oils for the suppression of Silverleaf Whitefly	Emma Ayliffe	emma.ayliffe@elders.com.au	0458 307 347
IREC Whitton	Project to manage establishment issues	2017-18	Reviewing current cultural practices with previous research in order to compare gaps in research and/or education contributing to poor establishment	Steve Buster, NSW DPI	steve.buster@dpi.nsw.gov.au	0427 248 413
Whitton	Irrigation and Nitrogen monitoring	2017-18	Investigation into flow rates and N losses in early irrigations	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
IREC Whitton	Inclusion and exclusion tents	2017-18	To demonstrate the impact of green mirids and environmental conditions on fruit retention	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Benerembah /Whitton	Minimising yield variability	2017-18	Paired paddocks looking at causes of yield variability	Guna Nachimuthu	guna.nachimutha@dpi.nsw.gov.au	02 679924077
Carrathool	Row spacing trial	2017-18	30 inch vs 40 inch	Richard Malone	r Malone@cfma.com.au	0403 029 746