

## Cotton industry trial sites: 2016-17

List curated by CottonInfo

Central QLD						
Town	Topic	Season	Description	Contact	Email	Phone
Emerald	Nitrogen emiss	2016-17	Determining optimum nitrogen strategies for abatement of emissions for different irrigation cotton systems	Graeme Schwenke, NSW DPI	graeme.schwenke@dpi.nsw.gov.au	
Emerald	Mealybugs	2016-17	Management options for mealybug	Richard Sequeira, DAF	richard.sequeira@daf.qld.gov.au	07 4983 7410
Emerald	Central Queensland farming system	2016-17	Strengthening the Central Highlands cotton production system and the collection of commercial crop physiology and input information	Paul Grundy, DAF	paul.grundy@daf.qld.gov.au	0427 929 172
Emerald	Bt resistance	2016-17	Managing Bt resistance and induced tolerance in Bollgard 3 using refuge crops	Mary Whitehouse, CSIRO	mary.whitehouse@csiro.au	0428 424 205
Emerald	Fibre quality	2016-17	Relationship between colour grade and exposure to weather after maturity	Sharna Holman, DAF	sharna.holman@daf.qld.gov.au	0477 394 116
Emerald	Fibre quality	2016-17	Factors affecting colour grade	Simone Heimoana, CSIRO	Simone.Heimoana@csiro.au	0427 992 466
Emerald, Springsure and Clermont	Cotton pathology	2016-17	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	2016-17	Annual industry disease survey	Linda Smith, DAF	Linda.Smith@daf.qld.gov.au	0457 547 617
Emerald, Springsure, Moura and Theodore	Ambassador network	2016-17	Four 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	2016-17	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)

Theodore	Cotton pathology	2016-17	Measuring the impact of crop rotations on reniform nematode populations	Linda Smith, DAF	Linda.Smith@daf.qld.gov.au	0457 547 617
Theodore	Symphyla sampling	2016-17	Development of techniques for sampling and management of Symphyla in cotton	Paul Grundy, DAF	paul.grundy@daf.qld.gov.au	0427 929 172

<b>Darling Downs</b>						
<b>Town</b>	<b>Topic</b>	<b>Season</b>	<b>Description</b>	<b>Contact</b>		
Brookstead, Cecil Plains	Pigeon pea selection	2016-17	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	2016-17	Evaluating performance of various insecticide and nutrient coatings on establishment, early growth and yield	Chris Barry, Sam Lee (CSD)	saml@csd.net.au	0427 437 236
Dalby, Yandilla, Jondaryan	Factors influencing boll weight	2016-17	Study of factors (environmental and agronomic) which drive boll weight	Chris Barry, Sam Lee (CSD)	saml@csd.net.au	0427 437 236
Jimbour, Condamine	Planter Depth	2016-17	Looking at different planter depths and subsequent emergence	Chris Barry, Sam Lee (CSD)	saml@csd.net.au	0427 437 236
Dalby, Chinchilla, Cecil Plains, Jondaryan, Brookstead, Yandilla, Bongeen, Macalister, Jimbour, Grassdale, Pirrinuan, Warra, Condamine, Miles, Byee	B3F Evaluation	2016-17	Evaluation of new B3F varieties examining growth characteristics, yield/quality	Chris Barry, Sam Lee (CSD)	saml@csd.net.au	0427 437 236
Dalby, Brookstead	Fusarium Resistance Ranking B3F	2016-17	Evaluation of BG3 for F. ranking System	Chris Barry, Sam Lee (CSD)	saml@csd.net.au	0427 437 236

Byee, Jondaryan, Yandilla, Cecil Plains, Macalister, Brookstead, Dalby, Bongeen, Chinchilla, Byee, Condamine, Warra, Grassdale, Jimbou	Ambassador Network	2016-17	10 sites measuring productivity at a field scale	Chris Barry & Sam Lee, CSD	<a href="mailto:saml@csd.net.au">saml@csd.net.au</a>	0427 437 236
Jondaryan	Nitrogen Fertiliser use efficiency and GHG emissions	2016-17	Influence of N rate, N formulation and irrigation system on N use efficiency and GHG emissions	Dio Antille/Peter Grace, QUT	<a href="mailto:Dio.Antille@usq.edu.au">Dio.Antille@usq.edu.au</a>	0447 125 583
Jondaryan	Irrigation Efficiency	2016-17	Prototype smart automated, precision irrigation	Alison McCathy, NCEA	<a href="mailto:Alison.McCarthy@usq.edu.au">Alison.McCarthy@usq.edu.au</a>	04588 45 858
Macalister	In-crop mineralisation trials including standing biomass	2016-17	Estimating the amount of N that could be mineralised during the crop for use in a tool that may allow for the reduction of fertiliser in crops	Francois Visser, UQ	<a href="mailto:f.visser@uq.edu.au">f.visser@uq.edu.au</a>	0410 175 820
Dalby	Smart Syphon	2016-17	Automation of syphon irrigation	ISLEX		(07) 33453511
Dalby	Variable N Rates and spatial variability in cotton	2016-17	use remote sensing and crop modelling to define management zones, N application rate and timing	Max De Antoni/Peter Grace QUT	<a href="mailto:max.deantoni@gut.edu.au">max.deantoni@gut.edu.au</a>	(07) 3138 1360
Macalister	Next Gen Fertiliser Trial	2016-17	the use of gin trash and other components for an alternative fertiliser source	Susanne Schmidt UQ	<a href="mailto:susanne.schmidt@ug.edu.au">susanne.schmidt@ug.edu.au</a>	

Goondiwindi, St George and Dirranbandi						
Town	Topic	Season	Description	Contact		
Goondiwindi, St George, Dirranbandi, Talwood, Mungindi & North Star	Irrigated Bollgard 3 variety trials	2016-17	Ongoing assessment of Bollgard 3 varieties	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Goondiwindi, Toobeah, & North Star	Dryland Bollgard 3 variety trials	2016-17	Ongoing assessment of Bollgard 3 varieties	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Goondiwindi, St George, Dirranbandi, Toobeah, Talwood, Mungindi & North Star	mbassador Network	2016-17	12 sites monitoring management at a field scale to oprimise production	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Goondiwindi, St George, Dirranbandi, Mungindi & North Star	Influences on Boll weight	2016-17	Determining influences on boll weight	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Mungindi & North Star	Verticillim wilt	2016-17	B3F + RRF box trials - V rank	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Talwood	Roundup Ready Flex variety trial	2016-17	Irrigated RRF variety trial	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Boggabilla	"Gappiness" trial	2016-17	Evaluating plant population & uniformity to increase dataset for replant calculator	Chris Teague, CSD	<a href="mailto:cteague@csd.net.au">cteague@csd.net.au</a>	0428 950 021
Talwood	VARIwise	2016-17	VARIwise is software that tracks spatially variable cotton development using field sensor data and crop simulation models for irrigation decision-making	Alison McCarthy	<a href="mailto:Alison.McCarthy@usq.edu.au">Alison.McCarthy@usq.edu.au</a>	
North Star	Verticilium trial	2016-17	Monitoring vert under different rotations	Linda Smith and Linda Scheikowski	<a href="mailto:linda.smith@daf.qld.gov.au">linda.smith@daf.qld.gov.au</a>	0457 547 617

St George	Pigeon Pea variety trial	2016-17	Selection trials for pigeon pea varieties to improve refuge function	Kristen Knight Monsanto, Paul Grundy QLD DAF		
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Gwydir						
Town	Topic	Season	Description	Contact		
Moree	Ambassador network	2016-17	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	2016-17	5 dryland sites monitoring the impacts on productivity at a field scale.	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142
Moree	Optimised Furrow Irrigation – Row Configuration Trial.	2016-17	Run by the Gwydir Valley Irrigation group, this trial compares a range of row planting configurations on productivity. This trial is intended to investigate the relative yield potential of a number of row configurations under optimal irrigation. A more detailed understanding of the potential of each of these different row configurations to produce under optimal water will be beneficial to help cotton growers adjust to variable water availability and to fit irrigated cotton into mixed farming operations where compaction can be a challenge.	Lou Gall, GVIA	lou.gall@gvia.org.au	0427 521 498
Moree	Optimised Siphon Irrigation – Automation Trial.	2016-17	This trial is intended to investigate some of the options available for automated siphon irrigation. A more detailed understanding of the cost, management and potential of different alternatives will help growers made informed decisions on irrigation automation into the future.	Lou Gall, GVIA	lou.gall@gvia.org.au	0427 521 498
Moree	Commercial Seed Treatment Trial	2016-17	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	2016-17	Evaluation of Bollgard 3 for F. ranking System	Alice Devlin, CSD	adevlin@csd.net.au	0418 818 142

Moree	RRF Variety Evaluation	2016-17	Evaluation of new and existing RRF varieties (large Scale)	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Moree	Bollgard 3 Variety Evaluation	2016-17	Evaluation of Bollgard 3 varieties (3 irrigated sites)	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142
Moree	Bollgard 3 Variety Evaluation	2016-17	Evaluation of Bollgard 3 varieties (3 irrigated sites)	Alice Devlin, CSD	adevlin@csd.net.au	0148 818 142

Upper Namoi						
Town	Topic	Season	Description	Contact		
Breeza and Boggabri	Irrigated Ambassador sites	2016-17	3 sites monitoring the impacts on productivity at a field scale.	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	0427 915 921
Spring Ridge and Breeza	Dryland Ambassador sites	2016-17	2 sites monitoring the impacts on productivity at a field scale.	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	428 915 921
Boggabri	Bollgard 3 variety evaluation	2016-17	Evaluation of new Bollgard 3 varieties	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	0427 915 921
Boggabri, Breeza (3), Spring Ridge (2), Mullaley (1)	Variety Trials	2016-17		Robert Eveleigh	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	0427 915 921
Boggabri	Verticillium	2016-17	Building V- rank data	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	0427 915 921
Pine Ridge	Faststart Programme	2016-17	Looks at improving crop emergence and establishment for first 70 days of growth to set up crop yield potential.	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	428 915 921
Willow Tree	Row Configuration	2016-17	Row configuration trial	Peter MacKensie	<a href="mailto:pete@agcon.net.au">pete@agcon.net.au</a>	0428 474 860

Lower Namoi						
Town	Topic	Season	Description	Contact		

Merah Nth (2), Carinda, Wee Waa, Narrabri (2), Harparary, Bellata (2)	Variety Trials	2016-17		Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	426 915 921
Merah Nth (2), Carinda, Culgoora (2), Narrabri	Irrigated Ambassador Network	2016-17	Six sites monitoring productivity impacts at a field scale	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	0427 915 921
Bellata, Narrabri	Dryland Ambassador Network	2016-17	Two sites monitoring productivity impacts at a field scale	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	428 915 921
Narrabri (2)	Faststart Potential	2016-17	Looks at improving crop emergence and establishment for first 70 days of growth to set up crop yield potential.	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	429 915 921
Narrabri, Harparary, Culgoora	Verticillium	2016-17	Building V- rank data	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	430 915 921
Culgoora	Replant calculator	2016-17	To assist with bolstering data in the replant calculator tool	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	431 915 921
Culgoora, Bellata	Dryland Row configuration trial	2016-17	To build data on performance of different row configurations in Dryland cotton	Rob Eveleigh, CSD	<a href="mailto:roberte@csd.net.au">roberte@csd.net.au</a>	432 915 921
Wee Waa, Boggabri, Narrabri, Harparary, Moree	Verticillium	2016-17	Multiple rotation crop soil sampling to look at effects on Verticillium Wilt inoculum levels in soil	Geoff Hunter, CottonInfo	<a href="mailto:geoff.hunter@cottoninfo.net.au">geoff.hunter@cottoninfo.net.au</a>	0458 142 777
Wee Waa, Boggabri, Narrabri, Harparary	Water Quality	2016-17	Water quality testing for Stygofauna in Bore water	Geoff Hunter, CottonInfo	<a href="mailto:geoff.hunter@cottoninfo.net.au">geoff.hunter@cottoninfo.net.au</a>	0458 142 777
Narrabri	Row Configuration	2016-17	To build data on performance of different row configurations in Dryland cotton	Geoff Hunter, CottonInfo	<a href="mailto:geoff.hunter@cottoninfo.net.au">geoff.hunter@cottoninfo.net.au</a>	0458 142 777
Bellata	Enhanced Root Function	2016-17	Trialling of different chemicles which may aid in enhanced root growth	Claire Welsh, CSIRO	<a href="mailto:claire.welsh@csiro.au">claire.welsh@csiro.au</a>	0488 612 761

Macquarie						
Town	Topic	Season	Description	Contact		
Warren, Narromine, Trangie	Canopy sensors	2016-17	Cotton Info , MCGA and grower trial to evaluate the effectiveness of CTS in measuring crop stress and evaluating how this affects yield	Amanda Thomas, CottonInfo	<a href="mailto:amanda.thomas@cottoninfo.net.au">amanda.thomas@cottoninfo.net.au</a>	0417 226 411
Warren	Ambassador Network	2016-17	Six sites monitoring productivity impacts at a field scale	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Warren, Narromine, Trangie	IrrisAT	2015-17	Using satellite imagery to determine crop coefficients for irrigation scheduling	John Hornbuckle, Deakin University	<a href="mailto:j.hornbuckle@deakin.edu.au">j.hornbuckle@deakin.edu.au</a>	02 696 96903
Warren	Variety Trial	2016-17	Evaluation of new Bollgard 3 varieties (large scale) "Hatton"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Trangie	Variety Trial	2016-17	Evaluation of new Bollgard 3 varieties (large scale) "Westwood"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Warren	Reduced Irrigation Trial	2016-17	Reduces Irrigation Trial "Backwater Park "	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Warren	Double Skip Irrigation Trial	2016-17	Double Skip Irrigation Trial " Waterloo"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Nevertire	Seed Treatment Trial	2016-17	Seed treatment trial "Auscott Macquarie"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Warren	Plant stand trial	2016-17	Plant Stand uniformity trial " millawa"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Nevertire	Dryland Cotton trial	2016-17	Dryland Cotton Trial " Auscott Macquarie"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015
Trangie	Dryland Cotton trial	2016-17	Dryland Cotton Trial " Dunmuir"	Bob Ford, CSD	<a href="mailto:bford@csd.net.au">bford@csd.net.au</a>	0428 950 015

Southern						
Town	Topic	Season	Description	Contact		
Griffith	Pix trial	2016-17	Pix rate and timing trial on three Bollgard 3 varieties	Kieran O'Keeffe, CottonInfo	<a href="mailto:kieran.okeeffe@cottoninfo.net.au">kieran.okeeffe@cottoninfo.net.au</a>	0427 207 406



Griffith	Solvita mineralisation testing	2016-17	Soil sampling for Mineralisation model	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Whitton	Black root rot monitoring	2016-17	Investigation into the effect of flooding on BRR spore levels	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Griffith	Validation of Variwise project	2016-17	Image collection in a variable field to validate yield predictions of NCEA Variwise model	Kieran O'Keeffe, CottonInfo	<a href="mailto:kieran.okeeffe@cottoninfo.net.au">kieran.okeeffe@cottoninfo.net.au</a>	0427 207 406
Hillston	Soil survey	2016-17	A soil survey of Hillston soils, part of a PhD project	Stephen Cattle and Patrick Filippi, USYD	stephen.cattle@sydney.edu.au	0429 310 569
Yanco	Southern IPM	2016-17	Management of thrips and IPM	Sandra MacDougall, NSW DPI	sandra.mcdougall@dpi.nsw.gov.au	0427 401 466
Southern NSW	Disease survey	2016-17	Annual disease survey	Kieran O'Keeffe, CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406
Southern NSW	Weed survey	2016-17	Annual weed survey to monitor resistance	Eric Kotez, NSW DPI	eric.kotez@dpi.nsw.gov.au	0413 256 132
Hay	Ambassador Network	2016-17	Nine sites: monitoring productivity impacts at a field scale	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Hay	CSD Variety Trials	2016-17	Four sites with current and new varieties for the south, including Bollgard 3	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Hay	CSD agronomy trials	2016-17	Plant population trials, planting depth trial, seed fungicide fertiliser and insecticide trials, plant growth regulant trial, planting speed, lubricants, boll weights and flower trials. Segment pick trials.	Jorian Millyard, CSD	jmillyard@csd.net.au	0428 950 009
Griffith	IrrisAT	2016-17	Using satellite imagery to determine crop coefficients for irrigation scheduling	John Hornbuckle, Deakin Uni	j.hornbuckle@deakin.edu.au	0429 862 920
Horsham Vic	Dryland trial	2016-17	Dryland trial	Jorian Millyard, CSD	<a href="mailto:jmillyard@csd.net.au">jmillyard@csd.net.au</a>	0428 950 009
Whitton	Manure management trial	2016-17	BMP for manure amendments	Wendy Quayle, Deakin Uni	w.quayle@deakin.edu.au	0417 436 775
Whitton	Max project	2016-17	R&D for Profit programme: Smarter Irrigation for Profit trial - Maximising N and water use efficiency	John Smith, NSW DPI	john.smith@dpi.nsw.gov.au	0427 060 597

Yanco	PhD - Nitrogen fertiliser recovery	2016-17	The impact of irrigation methods and management strategies on Nitrogen fertiliser recovery - N rate, irrigation strategies and products	John Smith, NSW DPI	<a href="mailto:john.smith@dpi.nsw.gov.au">john.smith@dpi.nsw.gov.au</a>	0427 060 597
Griffith	Biodegradable plastic trial	2016-17	Effect of biodegradable plastic on establishment and development	Heath McWhirter, Elders	<a href="mailto:heath.mcwhirter@elders.com.au">heath.mcwhirter@elders.com.au</a>	0428 386 393
Whitton	Compaction trial site	2016-17	Grassroots grant trial to investigate compaction management	Emma Ayliffe, Elders	<a href="mailto:emma.ayliffe@elders.com.au">emma.ayliffe@elders.com.au</a>	0458 307 347
Coleambally	Water run urea monitoring	2016-17	Monitoring of N levels in water run urea, PhD project	James Latimer, ANU	<a href="mailto:james.latimer@anu.edu.au">james.latimer@anu.edu.au</a>	0433 922 997
Southern NSW	Project to manage establishment issues	2016-17	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	<a href="mailto:steve.buster@dpi.nsw.gov.au">steve.buster@dpi.nsw.gov.au</a>	0427 248 413