Cotton industry trial sites: 2015-16 List curated by CottonInfo

Central QLD						
Town	Topic	Season	Description	Contact	Email	Phone
			Replicated nitrogen application rates measuring	Geoff Hunter,		
Emerald	Nitrogen trials	2015-16	nitrogen fertiliser use efficiency	CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777
			Action on the ground project measuring loss of N	Amanda Noone,		
Emerald	Nitrogen loss	2015-16	from water and gas.	QLD DAF	amandanoone@amder.com.au	0407 488 406
			Using different chemicals to assist crop in times of	Dr Michael		
Emerald	Hormone trials	2015-16	stress to hold fruit.	Bange, CSIRO	michael.bange@csiro.au	02 6799 1500
				Lance		
	Dynamic		Exploring strategies to vary the soil moisture deficit	Pendergast, QLD		
Emerald	deficits	2015-16	that triggers irrigation	DAF	lance.pendergast@daf.qld.gov.au	0448 601 842
	Canopy		Comparing canopy temperature measurements	Onoriode Coast,		
Emerald	sensors	2015-16	against traditional irrigation scheduling methods	CSIRO	onoriode.coast@csiro.au	0477 386 110
Emerald,						
Moura and	Ambassador			John Marshall,		
Theodore	network	2015-16	Three sites measuring productivity at a field scale	CSD	johnm@csd.net.au	0428 950 010
	Symphyla		Development of techniques for sampling and	Paul Grundy,		
Emerald		2015-16	managing Symphyla in cotton.	QLD DAF	paul.grundy@daf.qld.gov.au	0427 929 172
				Mozzem Khan		
				and Richard		
				Sequira, QLD		
Emerald	Mealy bugs	2015-16	Management options for mealy bug	DAF	richard.sequeira@daf.qld.gov.au	07 4983 7410
	Irrigation			Joseph Foley,		
Emerald	automation	2015-16	Testing automated irrigation systems	NCEA	joseph.foley@usq.edu.au	07 4631 1559
			Examining growth characteristics, yield/quality			
	RRF		performance of existing and new RRF varieties (1	John Marshall,		
Moura	evaluation	2015-16	,	CSD	johnm@csd.net.au	0428 950 010
Emerald,						
Moura and	B3F		Examining growth characteristics, yield/quality	John Marshall,		
Theodore	evaluation	2015-16	performance of new B3F lines	CSD	johnm@csd.net.au	0428 950 010
				Lance		
	Furrow			Pendergast,		
	irrigation		Methodologies enabling automation of furrow	CottonInfo and		
Emerald	automation	2015-16	irrigated fields	NCEA.	lance.pendergast@daf.qld.gov.au	0448 601 842

Darling Dow	ns					
Town	Topic	Season	Description	Contact		
	Variable					
	irrigation		Testing controllers for variable irrigation and fertiliser	Alison McCarthy,		
Oakey	application	2015-16	application	NCEA	Alison.McCarthy@usq.edu.au	0458 845 858
				Mozzem Khan		
				and Richard		
Dalby	Mealy bugs	2015-16	Management options for mealy bug control	Sequira	moazzem.khan@daf.qld.gov.au	
	Pigeon pea		Selection trials for pigeon pea varieties to improve	Paul Grundy,		
Brookstead	selection	2015-16	refuge function	QLD DAF	Paul.Grundy@daf.qld.gov.au	0427 929 172
			Impact of crop rotations on fusarium soil inoculant	John Lehane,		
Cecil Plains	Fusarium	2015-16	levels	QLD DAF	john.lehane@daf.qld.gov.au	0418 185 625
	Commercial		Evaluating performance of various insecticide and	John Marshall,		
	Seed		nutrient coatings on establishment, early growth and	Chris Barry, Sam		
Dalby	Treatments	2015-16	yield	Lee (CSD)	saml@csd.net.au	0427 437 236
	Factors			John Marshall,		
Dalby,	influencing		Study of factors (environmental and agronomic)	Chris Barry, Sam		
Yandilla	boll weight	2015-16	which drive boll weight	Lee (CSD)	saml@csd.net.au	0427 437 236
				John Marshall,		
Chinchilla,			Looking at different planter depths and subsequent	Chris Barry, Sam		
Dalby	Planter Depth	2015-16	emergence	Lee (CSD)	saml@csd.net.au	0427 437 236
				John Marshall,		
Jondaryan,			Density of 1 plant to 16 plants per meter to monitor	Chris Barry, Sam		
Cecil Plains	Plant Density	2015-16	the impact of planting density	Lee (CSD)	saml@csd.net.au	0427 437 236
Dalby,						
Pittsworth,						
Byee,						
Chinchilla,				John Marshall,		
Cecil Plains,	BG3 Variety		Evaluation of new BG3 varieties examining growth	Chris Barry, Sam		
Jondaryan	Evaluation	2015-16	characteristics, yield/quality	Lee (CSD)	saml@csd.net.au	0427 437 236
	Fusarium			John Marshall,		
	Resistance			Chris Barry, Sam		
Dalby	Ranking BG3	2015-16	Evaluation of BG3 for F. ranking System	Lee (CSD)	saml@csd.net.au	0427 437 236

Byee,						
Jondaryan,						
Yandilla,						
Cecil Plains,						
Macalister,						
Brookstead,						
Dalby,				John Marshall,		
Bongeen,	Ambassador			Chris Barry &		
Chinchilla	Network	2015-16	10 sites measuring productivity at a field scale	Sam Lee, CSD	saml@csd.net.au	0427 437 236
	Nitrogen					
	Fertiliser and					
	GHG		Influence of N rate, N formulation and irrigation			
Jondaryan	emissions	2015-16	system on GHG emissions	Dio Antille, QUT	Dio.Antille@usq.edu.au	0447 125 583
	Irrigation					
Jondaryan	Systems	2015-16	Fertigation trials under furrow and overhead irrigation	Dio Antille, QUT	Dio.Antille@usq.edu.au	0447 125 583
	Nitrogen		Agronomic efficiency of urea coated with NBPT			
Jondaryan	Fertiliser	2015-16	(urease inhibitor)	Dio Antille, QUT	Dio.Antille@usq.edu.au	0447 125 583
	Irrigation			Alison McCathy,		
Dalby	Efficiency	2015-16	Prototype smart automated, precision irrigation	NCEA	Alison.McCarthy@usq.edu.au	04588 45 858
			Various rates of NPK to measure the impact on	John Lehane,		
Cecil Plains	Nutrition	2015-16	disease inoculant levels in the soil and yield	QLD DAF	john.lehane@daf.qld.gov.au	0418 185 625

Goondiwindi	Goondiwindi, St George and Dirranbandi							
Town	Topic	Season	Description	Contact				
			Petiole testing across farms to compare nitrogen use	Sally Dickinson,				
Dirranbandi	Nitrogen trials	2015-16	through the season	CottonInfo	sally.dickinson@cottoninfo.net.au	0407 992 495		
			Density of half a plant to 16 plants per meter to					
Boggabilla	Plant density	2015-16	monitor the impact of planting density	Alex North, CSD	anorth@csd.net.au	0428 950 021		
Goondiwindi,								
St								
George, Dirr								
anbandi,								
Toobeah,								
Talwood &	Bollgard 3							
Mungindi	variety trials	2015-16	Evaluation of Bollgard 3 variety candidates	Alex North, CSD	anorth@csd.net.au	0428 950 021		

Goondiwindi,						
St						
George, Dirr						
anbandi,						
Toobeah,						
Talwood &	Ambassador		Eight sites monitoring management at a field scale			
Mungindi	Network	2015-16	to optimise production	Alex North, CSD	anorth@csd.net.au	0428 950 021
	Bollgard 3			,		
	Fusarium			Alex North, Steve		
Boggabilla		2015-16	F. rank evaluation of Bollgard 3 lines	Allen CSD	anorth@csd.net.au	0428 950 021
Goondiwindi,	·		Ţ			
St George,						
Dirranbandi,						
Mungindi &	Influences on					
North Star	Boll weight	2015-16	Determining influences on boll weight	Alex North, CSD	anorth@csd.net.au	0428 950 021
	Semi-irrigated					
	row					
	configuration		Long term trial looking at yield and crop growth water			
Toobeah	trial	2015-16	use under different row configurations	Alex North, CSD	anorth@csd.net.au	0428 950 021
			Bollgard 3, Conventional and Round Up Ready Flex			
	Advance line		small plot breeding trials and evaluation of breeding	Warwick Stiller,		
Boggabilla	trial	2015-16	lines	CSIRO	warwick.stiller@csiro.au	
Goondiwindi,						
St George						
and Dirranba	Volunteer			Sharna Holman,		
ndi	cotton	2015-16	Survey of volunteer cotton	CottonInfo	sharna.homan@daf.qld.gov.au	0477 394 116
			Irrigation pump assessments to measure energy	Sally Dickinson,		
St George	Energy use	2015-16	efficiency	CottonInfo	sally.dickinson@cottoninfo.net.au	0407 992 495
	Staff		Pilot workshops to provide training in effective staff			
Goondiwindi	management	2015-16	management	Rebecca Fing	housepaddock@bigpond.com	0427 107 234
	Employee		Research to understand what motivates both long	Nicole McDonald,		
Goondiwindi	satisfaction	2015-16	and short term employees working on cotton farms	USQ	Nicole.McDonald@usq.edu.au	07 4687 5838
				Linda Smith and		
			Impact of crop rotations on fusarium soil inoculant	Linda		
Cecil Plains	Fusarium	2015-16	levels	Scheikowski	linda.smith@daf.qld.gov.au	0457 547 617

Gwydir						
Town	Topic	Season	Description	Contact		
			Measuring nitrogen loss through runoff and gas	Alice Devlin,		
Moree	Nitrogen loss	2015-16	chambers. An Action on the Ground project	CottonInfo	alice.devlin@cottoninfo.net.au	0427 207 167
			A Grassroots Grant project using a simple paint and			
	Soil		hessian method to observe the impact of compaction	Alice Devlin,		
Moree	compaction	2015-16	over a season.	CottonInfo	alice.devlin@cottoninfo.net.au	0427 207 167
	Ambassador		Seven sites monitoring the impacts on productivity at	James Quinn,		
Moree	network	2015-16	a field scale.	CSD	jquinn@csd.net.au	0428 950 028
			Run by the Gwydir Valley Irrigation group, this trial			
			compares a range of row planting configurations on			
Moree	Row spacing	2015-16	productivity.	Lou Gall, GVIA	lou.gall@gvia.org.au	0427 521 498
	Dynamic		Exploring variable soil moisture deficits used to	Hizbullah Jamali,		
Moree	deficits	2015-16	trigger irrigation	CSIRO	hizbullah.jamali@csiro.au	
	Canopy		Comparing canopy temperature measurements	Hizbullah Jamali,		
Moree	sensors	2015-16	against traditional irrigation scheduling methods	CSIRO	hizbullah.jamali@csiro.au	
	Volunteer		Multiple farms surveyed to measure the incidence of	Sharna Holman,		
Moree	survey	2015-16	volunteer cotton	CottonInfo	sharna.homan@daf.qld.gov.au	0477 394 116
			Pheromone traps used to capture and survey moth	Ben Dawson,		
Moree	Moth survey	2015-16	species	B&W Rural	ben.dawson@elders.com.au	0429 120 706
	Insect		Green vegetable bugs being monitored as part of a	Lewis Wilson,		
Moree	monitoring	2015-16	PhD project	CSIRO	lewis.wilson@csiro.au	02 6799 1550
			A comparison of pix management on rain grown	Michael Bange,		
Moree	Pix trial	2015-16	cotton	CSIRO	michael.bange@csiro.au	02 6799 1540
				James Quinn,		
Moree	Semi Irrigation	2015-16	Comparing strategies for using partial irrigation.	CSD	jquinn@csd.net.au	0428 950 028
	CSIRO					
	Advanced					
	Breeding Line					
	Trial Bollgard			CSIRO Breeding		
Moree	3	2015-16	Evaluation of Bollgard 3 breeding lines, small plot	Team	warwick.stiller@csiro.au	02 6799 1584
	CSIRO					
	Advanced					
	Breeding Line					
	Trial					
	Conventional		Evaluation of Conventional and RRF breeding lines,	CSIRO Breeding		
Moree	and RRF	2015-16	small plot	Team	warwick.stiller@csiro.au	02 6799 1584

	Commercial					
	Seed Treatment		Field performance of commercial seed treatments on	James Quinn.		
Moree	Trial	2015-16	emergence and insect control	CSD	jquinn@csd.net.au	0428 950 028
	Factors		-			
	Influencing		Study into factors (environmental and agronomic)	James Quinn,		
Moree	Boll Weight	2015-16	which drive weight of bolls (5 sites)	CSD	jquinn@csd.net.au	0428 950 028
	Fusarium					
	Resistance			James		
	Ranking			Quinn/Steve		
Moree	Bollgard 3	2015-16	Evaluation of Bollgard 3 for F. ranking System	Allen, CSD	jquinn@csd.net.au	0428 950 028
	RRF Variety		Evaluation of new and existing RRF varieties (large	James Quinn,		
Moree	Evaluation	2015-16	Scale)	CSD	jquinn@csd.net.au	0428 950 028
	Conventional/					
	RRF Variety		Evaluation of conventional and RRF varieties (large	James Quinn,		
Moree	Evaluation	2015-16	Scale)	CSD	jquinn@csd.net.au	0428 950 028
	Bollgard 3					
	Variety			James Quinn,		
Moree	Evaluation	2015-16	Evaluation of new Bollgard 3 varieties (large scale)	CSD	jquinn@csd.net.au	0428 950 028
	Plant		Small plot trial examining plant population from 0.5 to	James Quinn,		
Moree	population trial	2015-16	16 plants/m	CSD	jquinn@csd.net.au	0428 950 028

Upper Namo	Upper Namoi								
Town	Topic	Season	Description	Contact					
				Graeme					
			Action on the ground project measuring gaseous loss	Schwenke, NSW					
Gunnedah	Nitrogen loss	2015-16	of N from soil at different N fertiliser rates.	DPI	graeme.schwenke@dpi.nsw.gov.au				
	Nitrogen and								
	irrigation		Comparing the WUE and NUE of various rates of						
Gunnedah	optimisation	2015-16	nitrogen in relation to multiple irrigation schedules	Jon Baird	jon.baird@dpi.nsw.gov.au				
Spring									
Ridge,									
Gunnedah,	Ambassador		2 sites monitoring the impacts on productivity at a	Rob Eveleigh,					
Boggabri	sites	2015-16	field scale.	CSD	roberte@csd.net.au	0427 915 921			

	Bollgard 3					
	variety			Rob Eveleigh,		
Boggabri	evaluation	2015-16	Evaluation of new Bollgard 3 varieties	CSD	roberte@csd.net.au	0427 915 921
	Irrigated Pix			Robert Eveleigh		
	row spacing		Compare a range of Pix Rates on 30" 40" and 60"	and AMPS		
Spring Ridge	trial	2015-16	row spacings	Research	roberte@csd.net.au	0427 915 921
	Experimental					
	seed			Rob Eveleigh,		
Spring Ridge	treatment	2015-16	Insecticides	CSD	roberte@csd.net.au	0427 915 921
	Factors					
	influencing		Study into factors (environmental and agronomic)	Rob Eveleigh,		
Spring Ridge	boll weight	2015-16	which drive weight of bolls (2 sites X4 varieties)	CSD	roberte@csd.net.au	0427 915 921

Lower Name	ower Namoi								
Town	Topic	Season	Description	Contact					
			Multiple rates of N in replicated plots to measure	Geoff Hunter,					
Narrabri	Nitrogen trial	2015-16	nitrogen fertiliser use efficiency	CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777			
	Canopy		Comparing canopy temperature measurements	Onoriode Coast,					
Wee Waa	sensors	2015-16	against traditional irrigation scheduling methods	CSIRO	onoriode.coast@csiro.au	0477 386 110			
Wee Waa,	Ambassador		Four sites monitoring productivity impacts at a field	Rob Eveleigh,					
Narrabri	Network	2015-16	scale	CSD	roberte@csd.net.au	0427 915 921			
	Raingrown		Looking at different cover crop option for disease	Geoff Hunter,					
Moree	cover cropping	2015-16	control, water infiltration and cover for cotton.	CottonInfo	geoff.hunter@cottoninfo.net.au	0458 142 777			
				Geoff Hunter,					
			Trialling different chemical compounds including Pix	CottonInfo and Dr					
			to moderate crop growth in a raingrown scenario on	Michael Bange,					
Moree	Hormone trials	2015-16	farm	CSIRO	geoff.hunter@cottoninfo.net.au	0458 142 777			
				Geoff Hunter,					
			Trialling chemical compounds to manage crop	CottonInfo and Dr					
			growth and stress in an irrigated and semi-irrigated	Michael Bange,					
Wee Waa	Hormone trials	2015-16	situation at ACRI.	CSIRO	geoff.hunter@cottoninfo.net.au	0458 142 777			
			Measuring the effects of Pix on root growth in	Sandra Williams,					
Wee Waa	Pix trial	2015-16	glasshouse with no physical restrictions	CSIRO	sandra.williams@csiro.au	0455 066 493			

	Helicoverpa					
	moth		Comparing moth numbers in Bollgard II and refuge	Mary Whitehouse,		
Wee Waa	emergence	2015-16	crops	CSIRO	mary.whitehouse@csiro.au	
	Remote		Using satellite imagery to evaluate cotton and refuge	Mary Whitehouse,		
Wee Waa	sensing	2015-16	performance.	CSIRO	mary.whitehouse@csiro.au	
	Landscape		Monitoring the movement and distribution of			
	ecology of		Helicoverpa using three locations of pheromone and	Mary Whitehouse,		
Wee Waa	Helicoverpa	2015-16	light traps in the region.	CSIRO	mary.whitehouse@csiro.au	
			Evaluation of planting depth as a major influence of	Rob Eveleigh,		
Wee Waa	Planting depth	2015-16	seedling survival	CSD	roberte@csd.net.au	0427 915 921
	Planter					
	technology		Trial looking at three planter plates, evaluating,			
	and lubricant		emergence and uniformity, with seed lubricant trial	Rob Eveleigh,		
Wee Waa	trial	2015-16	overlayed	CSD	roberte@csd.net.au	0427 915 921
			Trial looking at the plant structure and size at first			
	Flowering LAI		flower and impacts this has on subsequent growth	Rob Eveleigh,		
Wee Waa	impacts	2015-16	and yield	CSD	roberte@csd.net.au	0427 915 921
			Screening experiment looking at novel compounds			
	Novel seed		and techniques with the aim of improving seed	Rob Eveleigh,		
Wee Waa	treatments	2015-16	emergence and early season growth	CSD	roberte@csd.net.au	0427 915 921
	Plant		Small plot trial examining plant population from 0.5 to	Rob Eveleigh,		
Wee Waa	population	2015-16	16 plants/m	CSD	roberte@csd.net.au	0427 915 921
	Row					
	configuration					
	and plant		Small plot trials on farm to look at planting date vs	Rob Eveleigh,		
Wee Waa	population	2015-16	row configuration vs plant density.	CSD	roberte@csd.net.au	0427 915 921
			Comparing row configurations and plant water stress			
			to develop irrigation strategies for limited water	Rob Eveleigh,		
Wee Waa	Limited water	2015-16		CSD	roberte@csd.net.au	0427 915 921

Macquarie, Bourke and Upper Lachlan								
Town	Topic	Season	Description	Contact				
			Multiple rates of N in replicated plots to measure	Amanda Thomas,				
Warren	Nitrogen trial	2015-16	nitrogen fertiliser use efficiency	CottonInfo	amanda.thomas@cottoninfo.net.au	0417 226 411		

Warren,			A Grassroots Grant project to comparing canopy			
Narromine,	Canopy		temperature measurements against traditional	Amanda Thomas,		
Trangie	sensors	2015-16	irrigation scheduling methods	CottonInfo	amanda.thomas@cottoninfo.net.au	0417 226 411
	Ambassador		Six sites monitoring productivity impacts at a field			
Warren	Network	2015-16	scale	Bob Ford, CSD	bford@csd.net.au	0428 950 015
	Energy		Two level three pump tests to identify opportunities	Gary Sandell,		
Warren	efficiency	2015-16	to save on energy costs	NCEA	gary.sandell@usq.edu.au	
Warren,						
Narromine,			Using satellite imagery to determine crop coefficients	John Hornbuckle,		
Trangie	IrriSAT	2015-16	for irrigation scheduling	Deakin University	j.hornbuckle@deakin.edu.au	02 696 96903
			Run by the Gwydir Valley Irrigation group, this trial			
			compares a range of row planting configurations on			
Warren	Row spacing	2015-16	productivity and water use	Auscott/CSIRO	Jhall@auscott.com.au	0438 837 333
	Bollgard 3					
	variety					
Warren	evaluation	2015-16	Evaluation of new Bollgard 3 varieties (large scale)	Bob Ford, CSD	bford@csd.net.au	0428 950 015
	Plant		Small plot trial examining plant population from 0.5 to			
Warren	population trial	2015-16	16 plants/m	Bob Ford, CSD	bford@csd.net.au	0428 950 015
	Semi-irrigated		Two trials evaluating double skip semi-irrigated			
Warren	trial	2015-16	cotton & 80 Inch cotton under various water regimes	Bob Ford, CSD	bford@csd.net.au	0428 950 015
	Factors					
	influencing		Study into factors (environmental and agronomic)			
Warren	boll weight	2015-16	which drive weight of bolls (5 sites)	Bob Ford, CSD	bford@csd.net.au	0428 950 015

Southern							
Town	Topic	Season	Description	Contact			
			N rate and timing trial to measure fertiliser N use				
	Nitrogen rate		efficiency. Includes validation for Solvita soil tests	Kieran O'Keeffe,			
Griffith	and timing trial	2015-16	and N losses from tailwater	CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406	
				Stephen Cattle			
			A soil survey of the Hillston soils, part of a PhD	and Patrick			
Hillston	Soil survey	2015-16	project	Filippi, USYD	stephen.cattle@sydney.edu.au	0429 310 569	
	Establishment			Joe Moore and			
Coleambally	and rotations	2015-16	Cotton establishment challenges in southern NSW.	Jim Pratley, CSU	jmoore@csu.edu.au	0407 900 685	

				Sandra		
				MacDougall,		
Yanco	Southern IPM	2015-16	Management of thrips and IPM	NSW DPI	sandra.mcdougall@dpi.nsw.gov.au	0427 401 466
	Disease			Karen Kirkby,		
Griffith	survey	2015-16	Annual disease survey	NSW DPI	karen.kirkby@dpi.nsw.gov.au	0428 944 500
				Graham Charles,		
Griffith	Weed survey	2015-16	Annual weed survey to monitor resistance	NSW DPI	graham.charles@dpi.nsw.gov.au	0427 777 669
	Ambassador		Nine sites: monitoring productivity impacts at a field	Jorian Millyard,		
Hay	Network	2015-16	scale	CSD	jmillyard@csd.net.au	0428 950 009
	CSD Variety		Four sites with current and new varieties for the	Jorian Millyard,		
Hay	Trials	2015-16	south, including Bollgard 3	CSD	jmillyard@csd.net.au	0428 950 009
			Plant population trials, planting depth trial, seed			
	CSD		fungicide fertiliser and insecticide trials, plant growth			
	agronomy		regulant trial, planting speed, lubricants, boll weights	Jorian Millyard,		
Hay	trials	2015-16	and flower trials. Segment pick trials.	CSD	jmillyard@csd.net.au	0428 950 009
	Soils and			Sam North, NSW		
Griffith	irrigation	2015-16	Soils in an irrigated environment	DPI	samuel.north@dpi.nsw.gov.au	03 5881 9926
			Using satellite imagery to determine crop coefficients	John Hornbuckle,		
Griffith	IrriSAT	2015-16	for irrigation scheduling	Deakin Uni	j.hornbuckle@deakin.edu.au	0429 862 920
				Wendy Quayle,		
Whitton	Manure trial	2015-16	BMP for manure amendments	Deakin Uni	w.quayle@deakin.edu.au	0417 436 775
			R&D for Profit programme: Smarter Irrigation for	John Smith, NSW		
Whitton	Max project	2015-16	Profit trial - Maximising N and water use efficiency	DPI	john.smith@dpi.nsw.gov.au	0427 060 597
	Biodegradable		Effect of biodegradable plastic on establishment and	Heath McWhirter,		
Griffith	plastic trial	2015-16	development	Elders	heath.mcwhirter@elders.com.au	0428 386 393
				Kieran O'Keeffe,		
Whitton	IREC field site	2015-16	Automation upgrade	CottonInfo	kieran.okeeffe@cottoninfo.net.au	0427 207 406