


## Monday 21st of June 2010

11.30am	Golf	Sponsored by	
2.00pm	Tennis		
10.30am - 6.30pm	Registration		
6.30pm - 8.30pm	Summer Grains Welcome Reception	Sponsored by	Summer Grains

## Tuesday 22nd of June 2010

8.30am - 9.00am	Registration	Session Sponsored by	
9.00am - 9.15am	Introduction & Housekeeping		
9.15am - 9.30am	Conference Opening <b>Peter Reading - GRDC</b>		
9.30am - 10.15am	The Future of Grains in Australia <b>Bernard Salt - KPMG</b>		
10.15am - 10.45am	Coffee break		

Stream 1: Sponsored by



Session 1: Feedgrains 1

Stream 2: Sponsored by



Session 1: Plant Nutrition

Stream 3: Sponsored by



Session 1: Mungbeans

Stream 4: Sponsored by



Session 1: Sorghum Physiology

Time	Stream 1: Feedgrains 1	Stream 2: Plant Nutrition	Stream 3: Mungbeans	Stream 4: Sorghum Physiology
10.45am - 11.15am	Global trends in feed grain supply and demand <b>Matthew Pattison-Pentag Nidera</b>	Managing nitrogen to optimise sunflower yield and oil content <b>Loretta Serafin-NSW Industry &amp; Investment &amp; Stephanie Belfield-HMAG</b>	Mungbean improvement in Australia – past, present and future <b>Col Douglas-DEEDI</b>	Plant design features that improve grain yield of sorghum under terminal drought stress <b>Erik van Oosterom-University of Qld</b>
11.15am - 11.45am	Global update on oilseeds <b>Mark Jirik-Cargill</b>	Sorghum grain P concentration and removal at a long-term N x P experiment in Southern Queensland <b>David Lester-DEEDI</b>	Physiology of mungbean and development of the mungbean crop model <b>Yashvir Chauhan-DEEDI</b>	High temperature tolerance in sorghum – what are the possibilities, what do we know? <b>Vara Prasad-Kansas State University</b>
11.45am - 12.15pm	Use of sorghum and corn for feedlot cattle <b>Rob Lawrence-Integrated Animal Production</b>	Plant nutrition and nutritional value in a changing climate <b>Roslyn Gleadow-Monash University</b>	Partnering for profit <b>Ken Stallman-Hawthorne Farming Company</b>	Genotypic variability for nodal root angle in sorghum and its implications on Potential Water Extraction <b>Vijaya Singh-University of Queensland</b>
12.15pm - 12.45pm	Utilisation of summer grains by poultry with a focus on sorghum, amino acids, feed enzymes and mycotoxins <b>Wayne Bryden-University of Qld</b>	Nitrogen use efficiency in summer crops <b>Jim Laycock-Incitec Pivot</b>	Forum on future growth of the mungbean industry and potential constraints <b>Gordon Cumming-Pulse Australia</b>	Fine-mapping candidate genes for 'stay-green' in sorghum – simplicity beyond complexity? <b>Andrew Borrell-DEEDI</b>

12.45 - 1.45pm Lunch				
	<b>Session 2: Feedgrains 2</b>	<b>Session 2: Water Use 1</b>	<b>Session 2: Soybeans 1</b>	<b>Session 2: Herbicides &amp; Weeds 1</b>
1.45pm - 2.15pm	Challenges and opportunities for use of sorghum and other summer grains in pig diets Neil Gannon-University of Queensland	Improving profitability of irrigated sorghum through partial irrigation of larger areas Trevor Philp-Pacific Seeds & Allan Peake-CSIRO	The Australian soybean breeding program Andrew James-CSIRO	Pyroxasulfone (KIH-485) for weed control in sunflower Phil Stahlman-Kansas State University
2.15pm - 2.45pm	Development of NIRS equations for sorghum feed quality Glen Fox-DEEDI	Water requirements of irrigated summer grain crops in Queensland Dhananjay (Jay) Singh-DEEDI	The importance of non-GMO edible soybeans in the Japanese market Masayuki Kodaira-Kanematsu, Tokyo	Glyphosate resistant weeds – the implications for summer crops Steve Walker-DEEDI
2.45pm - 3.15pm	Is silage from grain sorghum an option? Neil Griffiths-NSW Industry & Investment	Agile farming – the dynamic nature of southern irrigation farming Kieran O’Keeffe-NSW Industry & Investment	Soybean marketing Stephen Strong-Brand Box	Managing difficult to control weeds in summer crops Michael Widderick & Vikki Osten-DEEDI
3.15pm - 4.00pm Coffee break and poster session				
	<b>Session 3: Feedgrains 3</b>	<b>Session 3: Water Use 2</b>	<b>Session 3: Soybeans &amp; Oilseeds 1</b>	<b>Session 3: Financial Planning/ Plant Diseases 1</b>
4.00pm - 4.30pm	Variation in starch genes explain differences in phenotypic properties in sorghum Helen Hill-Southern Cross University	Comparative adaptation of sorghum and maize – are there differences in transpiration efficiency? Kurt Deifel-University of Queensland	Culinary and edible soybean markets and end uses Paul Smith-Soy Products (Sales) Pty Ltd	Tim Glass-Financial Expert / Grain Industry-NAB
4.30pm - 5.00pm	Allele mining sorghum and its relatives for improving end-use quality Edward Gilding-University of Queensland	Optimising phenotypes for dryland maize in northern New South Wales and southern Queensland Doug George-University of Queensland	Taking Australian soybeans to the world Denis M’Gee-Soy Australia	Epidemiology of Tobacco Streak Virus in Queensland, Australia Murray Sharman-DEEDI
7.00pm - 9.00pm Pacific Seeds Networking Barbeque				

## Wednesday 23rd of June 2010

Session 1: Plenary Lectures Sponsored by  **Grains Research & Development Corporation**

8.30am - 9.00am	Agricultural research drivers for change Peter Reading-GRDC
9.00am - 9.30am	Future of plant breeding – enhancing the numbers game Mark Cooper-Pioneer
9.30am - 10.00am	Future impact of GM technology TJ Higgins-CSIRO
10.00am - 10.30am	Coffee break

**Session 2:**

**Plenary Lectures**

10.30am - 11.00am	Global perspective on GM crops and new herbicide options <a href="#">Phil Stahlman-Kansas State University</a>
11.00am - 11.30am	What's slowing commercialisation of GE Crops? Regulatory, economic, intellectual property and consumer acceptance issues <a href="#">Peggy G Lemaux-University of California, Berkeley</a>

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	Session 3: Grain Storage & Biosecurity	Session 3: Sorghum Agronomy	Session 3: New Technologies in Genetics	Session 3: International Mungbean Collaborations
11.40am-12.10pm	Grain storage – obtaining the best results <a href="#">Philip Burrill-DEEDI</a>	Effect of plant spacing – impact on yield in grain sorghum <a href="#">Trevor Philp-Pacific Seeds</a>	Gene flow from cultivated sorghum to weedy relatives <a href="#">Jeff Pedersen-USDA and University of Nebraska, Lincoln</a>	The economic performance and management practices of mungbean production systems in Belu, West Timor <a href="#">Fred Benu-University of Nusa Cendana</a>
12.10pm-12.40pm	Grains biosecurity – protecting market access and production <a href="#">Kym McIntyre-DEEDI</a>	Row direction, row spacing and plant population interactions in grain sorghum under high yielding conditions <a href="#">Loretta Serafin-NSW Industry &amp; Investment</a>	Development in maize seed technology from a world perspective <a href="#">Errol Corsan-Pacific Seeds</a>	International collaboration to develop the Australian mungbean industry <a href="#">Warwick Easdown-AVRDC-The World Vegetable Center</a>
12.40pm - 1.40pm Lunch				
	Session 4: Plant Diseases 2	Session 4: Soybeans & Oilseeds 2	Session 4: Breeding	Session 4: Maize 1
1.40pm - 2.10pm	Integrated management of foliar pathogens of mungbean in Australia <a href="#">Malcolm Ryley-DEEDI</a>	Better oilseeds – a new paradigm in industry support <a href="#">Liz Alexander &amp; Nick Goddard-Better Oilseeds</a>	Private sector sorghum breeding in Australia and Internationally <a href="#">Neil Muller-Pacific Seeds &amp; Ivan Calvert-Pioneer</a>	Overview and trends in selected Asian markets from an Australian maize industry perspective <a href="#">Nick Edols-DEEDI</a>
2.10pm - 2.40pm	Phomopsis Stem Canker – an emerging disease of Australian sunflowers <a href="#">Sue Thompson-DEEDI</a>	Grower's perspective on soy beans <a href="#">Mark North-Grower</a>	Do we need public sector sorghum breeding? <a href="#">David Jordan-DEEDI</a>	Importing maize – a Korean perspective <a href="#">Un Hwan Yum-Dongil Grain Co. Ltd., Seoul</a>
2.40pm-3.10pm	Fusarium species associated with sorghum stalk rot and lodging <a href="#">Lisa Keller-DEEDI</a>	Improving soybean and nitrogen management in sugar cane systems in subtropical NSW <a href="#">Natalie Moore-NSW Industry &amp; Investment</a>	DNA bytes – information technologies in support of breeding <a href="#">Andrzej Kilian-Diversity Arrays Technology Pty Ltd</a>	Opportunities for Australian maize – views from the marketplace <a href="#">Andrew McCarrol-DEEDI</a>
3.10pm - 4.10pm Coffee break and poster session				

	Session 5: Pathogens & Pests	Session 5: Desiccation	Session 5: Genetic Resources	Session 5: Maize 2
4.10pm - 4.40pm	Developing management options for Rutherglen bug in sorghum Hugh Brier (for Melina Miles)-DEEDI	Saflufenacil – a new preharvest desiccant of sunflower Phil Stahlman-Kansas State University	Plant genetic resources – securing the future of the Australian summer grains industries Sally Norton-DEEDI	Three 10 minute talks by maize growers NSW, SE QLD and Burdekin Murray Cannavan, Andrew Pursehouse, Matt Toscan
4.40pm - 5.10pm	Economic thresholds for Helicoverpa and other pests in summer pulses – challenging our perceptions of pest damage Hugh Brier-DEEDI	Sorghum desiccation – when is the right time? Alan Bowring-NSW Industry & Investment	Bridging the gene-to-phenotype gap – a set of integrated resources for sorghum Emma Mace-DEEDI	An interactive session – discussing export of corn to Asia Tony Cogswell, Andrew McCarrol, Nick Edols, Un Hwan Yum
5.10pm - 6.10pm				Maize AGM and presentation of Ian Hamparsum Award
7.00pm - 10.30pm GRDC Conference Dinner				

## Thursday 24th of June 2010

Stream 1: Sponsored by



Queensland Government

Stream 2: Sponsored by



	Session 1: Integrated Pest Management in Pulses/Capacity Building	Session 1: Summer Grains in Practice
8.30am - 9.00am	IPM in Australian mungbeans and soybeans – swings, roundabouts and conundrums Hugh Brier-DEEDI	Three 15 minute talks by sorghum growers NSW, Western Queensland and Darling Downs Shaun Nolan, Bill Town, Richard Heath
9.00am- 9.30am	Integrated Pest Management in soybeans and mungbeans – a question of education Kate Charleston-DEEDI	Sorghum Growers continued
9.30am- 10.00am	Capacity Building Jill Rigney-The Right Mind	Challenges to improving the long-term sustainability of northern grains cropping systems Mike Bell-DEEDI
10.00am- 10.30am	Capacity Building- continued	Simulation modelling of alternative summer crop strategies for adaptation to climate change Bob Martin-University of New England

### Session 2:

Plenary Lectures

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Grains Research & Development Corporation

11.00am - 11.30am

“Ups and downs” – dealing with the challenges of rural life in Australia  
Steven Mayers-Lifeline

11.30am - 12.00pm

Farmer decision making in summer crops  
James Kahl-Merced Farming

12.00pm - 12.30pm

Climate change – what are the implications for summer cropping in Australia?  
Jeff Clewett-Agroclim Australia

12.30pm - 13.30pm

Panel session – key points from the conference  
Chaired by Jill Rigney-The Right Mind