

RACV Royal Pines Resort
Ross Street, Ashmore
Gold Coast, Queensland

07 - 09 July 2025



2025 Australian Summer Grains Conference



DRAFT PROGRAM

SUNDAY 6TH JULY 2025	
1200-1700	Golf
MONDAY 7th July 2025	
0830-1800	Registration
0900-1300	Young Leaders Forum
	Norfolk Hall Sponsored by Elders
1300-1330	Lunch
1330-1510	Opening Plenary
	Monarch & Marquis Sponsored by Elders
1330-1340	Opening
1340-1410	Megatrends affecting Australian Farmers
	Maree Crawford
1410-1440	Overcoming challenges of farming in 21 st Century
	Mark Allison
1440-1500	AgCarE: Leveraging Emerging Technology to Enhance Farm Sustainability and Resilience
	Grower Panel
1500-1510	Mort & Co Product Launch
	Michael Guerin
1510-1540	Afternoon Tea
1540 - 1800	Plenary 2
	Monarch & Marquis Sponsored by GRDC
1540-1550	Corteva Product Launch
1550-1610	Ag in 2030
1610-1650	Industry Panel
1650-1710	Future of chemistry in Ag
1710-1740	Generational Women in Agriculture
	Sarah & Emma Coggan
1740-1800	GRDC Update
	Rebecca Raymond
1800-2000	Welcome Reception

**** Please note that this is a draft program and subject to change 240123****

TUESDAY 8th July 2025

0730	Registration			
0830 - 1040	Plenary 3			Marquis & Monarch Room
0830-0840	Welcome by Hon Tony Perrett MP, QLD Minister DPI			
0840-0925	Future Outlook: Geopolitics, AI and demographics impacting Australian Summer Grains			Simon Kuestenmacher
0925-1010	Enhancing Agribusiness through AI" a live demo			Julian Moore
1010-1040	Global drivers of the Grain and Oilseed Trade: Navigation geopolitical shifts			Andrew Whitelaw
1040-1110	Morning Tea			Sponsored by
Concurrent	<i>Room: Marquis Room</i> Stream: Mungbean Sponsor: Session Chair: Room Monitor:	<i>Room: Monarch</i> Stream: Maize Sponsor: Session Chair: Room Monitor:	<i>Room: Prince Room</i> Stream: Carbon & Economics Sponsor: Session Chair: Room Monitor:	
1110-1130	Flying high with new Australian mungbean varieties Brolga and Kookaburra Merrill Ryan	South Korean maize grain export market UnHwan Yum	Carbon Insetting for Grains: A Practical Approach to Sustainable Profitability Will Onus	
1130-1150	Soil diseases in mungbeans and where we go from there Prue Bottomley & Paul McIntosh	The Maize Industry in Australia: Current Landscape and Future Opportunities Andrew Whitelaw	Impact of mung bean residue management methods and rainfall pulses on greenhouse gas emissions in no-till agriculture Biswaranjan Behera	
1150-1210	Demystifying Chemical residues and MRLs Jenna Garwood	Panel Discussion: Opportunities and marketing challengers for the Australian Maize Industry Mr Yum (uh Yum), from Dongil Grain, South Korea Andrew Cogswell, Lachlan Commodities Ian Hamono, Grower, Northern Victoria Anthony Furse, Robinson Grain	Scaling up anaerobic digestion for biomethane and the potential role of maize and other crops Michael V Davis	
1210-1230	Nitrogen and Mungbean success with better Inoculation. Paul McIntosh	Panel Discussion: How do Maize Growers across Australia address issues that affect the industry to achieve the greatest return Ian Hamono, Grower, Northern Victoria Paul Lavis, Highest maize crop yield 2024	Navigating the emerging natural capital landscape: considerations for Australian grain growers Rebecca Hurst	
1230-1330	Lunch			Sponsored by
Concurrent	Stream: Soy Sponsor: Session Chair: Room Monitor:	Stream: Biosecurity Sponsor: Session Chair: Room Monitor:	Stream: Enhanced Agriculture Sponsor: Session Chair: Room Monitor:	Stream: Sunflower & Alternate Crop Sponsor: Session Chair: Room Monitor:
1330-1350	Soy Australia - Strategic Plan 2025 Maryann Salvetti	Advances in Biological Control used to suppress damaging pests in Canola and Corn Sophie Gulliver	The Cool Soil Initiative - Solving supply chain reporting through a farmer-focused framework Cassandra Schefe	Damage potential of major stored products pests for postharvest sesame and possible management options Manoj Nayak

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1350-1410	Soybean - Breeding Program Update Anh Tung Pahn	Automated monitoring of fall armyworm natural enemies in summer grain crops Alison McCarthy	Summer Grains and Carbon Liz King	Heavy metal uptake and translocation by <i>Helianthus annuus</i> L. during phytoextraction of HMs from different waste Tania Rani
1410-1430	Unveiling insights into drought-tolerant responses in soybean: a data-driven pipeline for feature engineering in biomarker discovery Pei-Hsiu (Edward) Kao	An Australian Endemic Fungus, <i>Metarhizium rileyi</i> as an effective biopesticide for managing Fall Armyworm (<i>Spodoptera frugiperda</i>). Ian Newton		Regenerative agriculture: Understanding the intent, practices, challenges and benefits of farming systems inclusive of Sunflowers Kellie St John Sweeting
1430-1450	Transforming Challenges into Sustainable Farm Profitability Neil Halpin		Improving personal cropping decisions with ARMonline and adult learning principles Andrew Zull	Sunflowers – what is the right row spacing and plant population? Loretta Serafin
1450-1530	Afternoon Tea Sponsored by:			
Concurrent	Stream: Farming Systems Sponsor: Session Chair: Room Monitor:	Stream: Sorghum Physiology Sponsor: Session Chair: Room Monitor:	Stream: Economics & Innovation Sponsor: Session Chair: Room Monitor:	Stream: Agronomy Sponsor: Session Chair: Room Monitor:
1530-1550	Prospects of Integrating Peanut in Australian Summer Grains Farming Systems Surya Bhattaria	Pathways to Prosperity: Unlocking Plant Potential Alex Wu	A market landscape 101 on U.S. sorghum. Sarah Sexton-Bowser	Predicting the impact of residual herbicides on establishment and yield Mark Congreve
1550-1610	Quantifying economic impacts of feral pigs in Summer Grains Tony Lockrey	The plasticity of root traits and their effects on crop yield and yield stability Dongxue Zhao	Lessons in farming systems economic adaptability from a decade of trials James Hagan	Managing Moisture in Australian Summer Crops – Harvest to Processing Andrew Kotzur
1610-1630	Mechanised Grain Production of Pigeonpea in Australia Yash Chauhan	Understanding and modelling leaf gas-exchange traits for supporting drought adaptation in sorghum Xia Jin	Innovation on Farm TBC	“The latest information on Herbicide resistance issues and progress” Paul McIntosh
1630-1650	Field trials confirm the potential of pigeonpea as a new summer pulse crop Bruce Winter	Yield gap analysis for rainfed sorghum in the United States Sarah Sexton-Bowser	Circular Economy on Farm Charlie Mort	Advances in high-throughput functional root phenotyping in the field: Implications for breeding and agronomy Dongxue Zhao
1700	Maize Association AGM			Prince Room
1800-2000	NETWORKING FUNCTION			

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WEDNESDAY 9th July 2025

Plenary 4		Maquis & Monarch		
0830-0900	Climate change	Mark Howden		
0900-0930	Dynamic Constraints - Optimizing Productivity and Resilience in Water-limited Agricultural Systems	Sarah Sexton-Bowser		
0930-1000	The role of new technologies and innovation in reducing emissions from Australian agriculture	Richard Heath		
1000-1030	Morning Tea		Sponsored by	
Concurrent Sessions	<i>Room: Marquis Room</i> Stream: Sorghum/Mungbean Sponsor: Session Chair: Room Monitor:	<i>Room: Monarch Room</i> Stream: Maize Agronomy Sponsor: Session Chair: Room Monitor:	<i>Room: Prince Room</i> Stream: Sorghum Breeding Sponsor: Session Chair: Room Monitor:	
	1030-1050	Getting wild with bradys Mandy Christopher	Optimising nitrogen application for Maize production in a continuous maize silage - annual ryegrass cropping system Rowland Tsimba	Commercial sorghum breeding Ivan Calvert
	1050-1110	Phenotyping tan spot across mungbean cultivars for disease severity and pathogen load Noel L Knight	Australian economic management thresholds for Fall Armyworm in maize (rainfed and irrigated): crop loss and dynamic threshold tool. Joseph X Eyre	Sorghum pre-breeding current status future prospects David Jordan
	1110-1130	New Genomic Resources in the Australian Grains Genebank: Delivering Transformative Impact to the Australian Grains Industry. Sally Norton	Exploring the effect of tillers on the water economy, plant growth and kernel set of low-density maize crops Daniel Rodriguez	A screening method to assess lodging resistance in a diverse set of sorghum germplasm Geetika Geetika
	1130-1150	Impact of nitrogen, antinutritional compounds and abiotic stresses on grain quality parameters in grain sorghum Impa Somayanda	Maize and soybean agronomic management and associated yield gaps in central Argentina. Raul Gimenez	Predicting Lodging in Sorghum using Unmanned Aerial Vehicle (UAV) imagery Srinivasa Reddy Mothukuri
	1150-1210	Epigenetic Regulation in the Sorghum grain: Investigating Endosperm Demethylation Patterns and Their Implications Kusumitha Shrinivasan	Untangling genotype by management interactions in multi-environment on-farm maize experimentation Daniel Rodriguez	Transforming grain sorghum's yield potential through trait-based ideotype breeding Krishna Jagadish SV
	1210-1310	Lunch		Sponsored by:
		<i>Room: Marquis Room</i> Stream: Soybean Agronomy Sponsor: Session Chair: Room Monitor:	<i>Room: Monarch Room</i> Stream: Technology & Innovation Sponsor: Session Chair: Room Monitor:	<i>Room: Prince Room</i> Stream: Sorghum Agronomy Sponsor: Session Chair: Room Monitor:
1310-1330		The impact of in-crop nitrogen fertiliser additions on soybean productivity and protein yields Neil Halpin	Innovations in agricultural tyres and reducing costs – increasing yields and farm profitability. Phil Littlejohn	Agronomic adaptations to heat stress: Sowing summer crops earlier Daniel Rodriguez

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1330-1350	Investigating the effect of four different rates of sowing upon four varieties of soybean grown within a sugarcane summer fallow Nick Hill	John Deere's Innovative Planter Technology Joel Gorman	Is there value in PSK nutrition in sorghum? Loretta Serafin
1350-1410	The need for soybean foliar disease management Decision Support Tools Neil Halpin	Utilising the existing equipment available to improve your bottom line when Planting. David McGavin	The role of biological enhancers as a risk mitigation tool Maree Crawford
1410-1430	NSW soybean expansion project key findings Sam Blanch	weedSAT - detecting weeds in cropping using ultra high-resolution satellite imagery Tim Neale	Is nitrogen management in Sorghum the never-ending story? Loretta Serafin
1430-1450	Soybean Production Manual updates Judy Plath	On farm Automation, where are we at now Andrew Bates	Sorghum Grower Talk
1550-1520	Afternoon Tea	Sponsored by:	
	Closing Plenary	Sponsored by:	
1530-1615	On Farm Wellbeing	Session Chair:	
1615-1630	Conference Close	Brad Hogg	
1830-2230	Elders CONFERENCE GALA DINNER INDUSTRY AWARDS <ul style="list-style-type: none"> • Significant contribution to Summer Grain Sorghum, Maize, Sunflower, Mungbean, Soybean • Elders Innovation in Technology Farmer and Industry • Mort & Co Women in Agriculture • Bayer Rising Star • AMA Zoe McInnes Memorial Award • Suncorp/ASGC Ben Coleman Memorial Award 		