

GRAINS RESEARCH UPDATE

2025



PROGRAM DAY 1 – FEBRUARY 4

8.55am	Welcome to Country	<i>Uncle Karrl</i>
9.10am	GRDC Opening	<i>Sharon Starick, GRDC</i>
9.25am	Community trust in food production	<i>Courtney Bailey, Voconiq</i>
10.00am	Current drivers of global grain markets	<i>Dennis Voznesenski, Commonwealth Bank</i>

10:30am Morning tea with barista made coffee sponsored by ADAMA

CONCURRENT SESSIONS

LOCATION	HALL L	ROOM L1	ROOM L2	ROOM L3
11.00am	Key learnings from this year's dry seasonal conditions. <i>Industry Panel</i>	The performance of residual phosphorus, results from 3 years of trials. <i>Sam Trengove, Trengove Consulting</i>	Pulse Physiology, Phenology and Productivity. <i>Victor Sadras, SARDI</i>	Constraint mapping and now-casting of plant available water (PAW) <i>Patrick Filippi, University of Sydney</i>
11.40am	A 2024 update on pulse diseases. <i>Josh Fanning, Agriculture Victoria and Sarah Day, SARDI</i>	Can agronomic management improve soil carbon and nitrogen stocks? <i>Roger Armstrong, Agriculture Victoria</i>	Maximising the uptake of phosphorus by crops to optimise profit in central and southern NSW, Vic and SA. <i>Katherine Dunsford, Agriculture Victoria</i>	Digging Deeper - Assessing the impact and effective testing of root diseases. <i>Blake Gontar, SARDI and Chris Davey, Next Level Agronomy</i>
12.20pm	Key learnings from deeper sowing and long coleoptiles. <i>Bonnie Flohr, CSIRO</i>	Unlocking yield potential in challenging seasons: Maximising rainfall conversion to grain. <i>Kenton Parker, CSIRO</i>	Converting our worst soils to the best - next steps in the amelioration of sandy soils. <i>Chris Saunders, University of SA and Therese McBeath, CSIRO</i>	Digging Deeper - Valuing plant and soil testing information for agronomic decisions. <i>Rick Llewellyn, CSIRO</i>
12.55pm	Lunch			
1.55pm	The performance of residual phosphorus, results from 3 years of trials. <i>Sam Trengove, Trengove Consulting</i>	Mapping of retrospective frost damage to pinpoint frost impact. <i>Si Yang Han, University of Sydney</i>	Pulse Physiology, Phenology and Productivity. <i>Victor Sadras, SARDI</i>	Key learnings from deeper sowing and long coleoptile. <i>Bonnie Flohr, CSIRO</i>
2.35pm	Unlocking yield potential in challenging seasons: Maximising rainfall conversion to grain. <i>Kenton Parker, CSIRO</i>	Can agronomic management improve soil carbon and nitrogen stocks? <i>Roger Armstrong, Agriculture Victoria</i>	Constraint mapping and now-casting of plant available water (PAW). <i>Patrick Filippi, University of Sydney</i>	Maximising the uptake of phosphorus by crops to optimise profit in central and southern NSW, Vic and SA. <i>Katherine Dunsford, Agriculture Victoria</i>
3.15pm	Converting our worst soils to the best - next steps in the amelioration of sandy soils. <i>Chris Saunders, University of SA and Therese McBeath, CSIRO</i>	A 2024 update on pulse diseases. <i>Josh Fanning, Agriculture Victoria and Sarah Day, SARDI</i>	Digital strategies for nitrogen management in grain production systems. <i>Jonathan Richetti, CSIRO</i>	Mapping of retrospective frost damage to pinpoint frost impact. <i>Si Yang Han, University of Sydney</i>
3.50pm	Afternoon Tea			
4.20pm	Re-purposing failed antibiotics in the pursuit of novel herbicides		<i>Ryan McClean, University of Adelaide</i>	
4.30pm	Sustainable growth of pulse crops during drought		<i>Kathryn Schleyer, Flinders University</i>	
4.40pm	Is artificial intelligence helping grow more grain? A perspective on AI applied to agriculture		<i>Jonathan Richetti, CSIRO</i>	

Drinks and finger food sponsored by AGT

GRAINS RESEARCH UPDATE

2025



PROGRAM DAY 2 – FEBRUARY 5

CONCURRENT SESSIONS

LOCATION	HALL L	ROOM L1	ROOM L2	ROOM L3
9.00am	The effect of environmental factors on nozzle selection. <i>Bill Gordon, Bill Gordon Consulting</i>	Cereal disease resistance update. <i>Tara Garrard, SARDI</i>	Metribuzin and imi tolerance in lentils. <i>Jason Brand, Frontier Farming Systems</i>	Crop flowering calculator - an online tool to optimise flowering time. <i>Julianne Lilley, CSIRO</i>
9.40am	A deeper understanding of nitrogen cycling and losses. <i>Mark Farrell, CSIRO</i>	N banking performance in contrasting seasons. <i>James Hunt, University of Melbourne</i>	Tactics for minimising frost damage. <i>Rhaquelle Meiklejohn, EPAG Research and Josh Hollitt, Hollitt Consulting</i>	Persistence of residual herbicides and the impact on crops. <i>Lukas Van Zwieten, NSW DPI</i>
10.20pm	Morning tea with barista made coffee sponsored by ADAMA			
10.50pm	Unlocking the value of strip and disk systems. <i>Amanda Cook, SARDI</i>	Exploring new and alternative lime sources for managing soil acidity in South Australia. <i>Brian Hughes, SARDI</i>	A deeper understanding of nitrogen cycling and losses. <i>Mark Farrell, CSIRO</i>	Crop flowering calculator - an online tool to optimise flowering time. <i>Julianne Lilley, CSIRO</i>
11.30pm	N banking performance in contrasting seasons. <i>James Hunt, University of Melbourne</i>	Tactics for minimising frost damage. <i>Rhaquelle Meiklejohn, EPAG Research and Josh Hollitt, Hollitt Consulting</i>	The effect of environmental factors on nozzle selection. <i>Bill Gordon, Bill Gordon Consulting</i>	Cereal disease resistance update. <i>Tara Garrard, SARDI</i>
12.10pm	Persistence of residual herbicides and the impact on crops. <i>Lukas Van Zwieten, NSW DPI</i>	Metribuzin and imi tolerance in lentils. <i>Jason Brand, Frontier Farming Systems</i>	Unlocking the value of strip and disk systems. <i>Amanda Cook, SARDI</i>	Exploring new and alternative lime sources for managing soil acidity in South Australia. <i>Brian Hughes, SARDI</i>
12.50pm	Lunch			
	PLENARY SESSION:			
1.30pm	Tips for looking after your mental health and that of your clients.		<i>Steph Schmidt, Farm Life Psych</i>	
2.10pm	Herbicide strategies for managing resistance & dry sowing		<i>Chris Preston, University of Adelaide</i>	
2.50pm	Close			