

2024 ADELAIDE GRAINS RESEARCH UPDATE



PROGRAM DAY 1 - FEBRUARY 6th

- 8:00am **Registrations**
- 8:55am **Welcome to country**
- 9:05am **GRDC Opening** *Nigel Hart, Managing Director, GRDC*
- 9:15am **Current and likely impacts on international grain markets** *Nick Carracher, LachStock, Adelaide*
- 9:45am **Adopting innovative agronomic practices and research - a Canadian experience** *Dr Sheri Strydhorst, Alberta, Canada*
- 10:20am **GRDC awards presentation**
- 10:30am **Morning tea**

CONCURRENT SESSIONS (40 minutes including time for room change)

	Hall C	Room E1	Room E2	Room E3
11:00am	The market and agronomic challenges of carbendazim usage. <i>Panel: Leigh Nelson, GRDC, Gerrard McMullen, National Working Party for Grain Protection, Jake Rademacher, Grower Supplies</i>	An update on powdery mildew <i>Sam Trengove, Trengove Consulting</i>	Cereal disease management 2024 and key strategies for detection <i>Grant Hollaway, Astute Ag</i>	Key learnings from long term lime response trials <i>Brian Hughes, SARDI</i>
11:40am	Leveraging seed treatments and management strategies to effectively control crown rot <i>Steven Simpfendorfer, NSW DPI</i>	New development scales for wheat and barley <i>Corinne Celestina, University of Melbourne</i>	Back Chat' discussion with Dr Sheri Strydhorst. Facilitated Q & A in follow up to Plenary with Sheri. <i>Sheri Strydhorst, Alberta, Canada</i>	Digging Deeper - Back to nitrogen basics - Soil testing and nitrogen budgeting fundamentals <i>James Hunt, University of Melbourne. Jeff Braun, The Agronomist</i>
12:20pm	BOM developments in long term forecasting accuracy - The implications for Autumn sowing <i>Jonathan How, BOM</i>	The impacts of canopy closure and N on frost mitigation <i>Ben Smith, Agrilink Consultants</i>	Integrated pest management strategies and the impact of beneficials <i>Luis Mata, CESAR Australia</i>	Digging Deeper - Broad leaf weed management - Identifying critical growth stages, timings and treatments <i>Chris Davey, Next Level Agronomy. Darren Pech, Elders</i>
12:55pm	LUNCH			
1:55pm	The N Bank - Why and How? <i>James Hunt, University of Melbourne</i>	An update on powdery mildew <i>Sam Trengove, Trengove Consulting</i>	Cereal disease management 2024 and key strategies for detection <i>Grant Hollaway, Astute Ag</i>	BOM developments in long term forecasting accuracy - The implications for Autumn sowing <i>Jonathan How, BOM</i>
2:35pm	Key learnings from long term lime response trials <i>Brian Hughes, SARDI</i>	The impacts of canopy closure and N on frost mitigation <i>Ben Smith, Agrilink Consultants</i>	Strategies for optimising glufosinate and tackling efficacy challenges <i>Chris Preston, University of Adelaide</i>	Leveraging seed treatments and management strategies to effectively control crown rot <i>Steven Simpfendorfer, NSW DPI</i>
3:15pm	Agronomic strategies when growing lentils in marginal areas <i>Agronomist Panel</i>	Integrated pest management strategies and the impact of beneficials <i>Luis Mata, Cesar Australia</i>	The N Bank - Why and How? <i>James Hunt, University of Melbourne</i>	Strategies for optimising glufosinate and tackling efficacy challenges <i>Chris Preston, University of Adelaide</i>

Day 1 continued ...

3:50pm **AFTERNOON TEA**

4:20pm **Molecular and phenotypic characterisation of synthetic auxin herbicide tolerant pulse germplasm.**

Simon Michelmore, (PhD)

4:30pm **Physiology of yield determination in faba bean genotypes with differing phenological and morphological traits**

James Manson, (PhD)

4:40pm **Profitable nitrogen decision making & risk management** *Peter Hayman SARDI & Barry Mudge Barry Mudge Consulting*

5:20pm **DRINKS & FINGER FOOD IN TRADE DISPLAY AREA**

PROGRAM DAY 2 - FEBRUARY 7th

8:15am **REGISTRATIONS**

	Hall C	Room E1	Room E2	Room E3
9:00am	Strategies for post amelioration sowing and crop establishment on sandy soils <i>Mel Fraser, Soil Function Consulting</i>	Novel weed control technologies from the USA - New possibilities for Australian growers <i>Michael Walsh, Charles Sturt University, Wagga Wagga</i>	The efficacy of mice baits and impact of background food availability. <i>Steve Henry, CSIRO</i>	Establishing A decision matrix for disease management strategies <i>Thomas Jones, BCG</i>
9:40am	Does timing trump precision? - Optimising canola establishment <i>Kenton Parker, CSIRO</i>	Showcasing new rhizobium strains for group E and F inoculent groups <i>Liz Farquharson, SARDI</i>	Building soil biological capacity on low performing soils <i>Gupta Vadakattu, CSIRO</i>	Evaluating varietal response in oaten hay <i>Alison Frischke, BCG</i>

10:20am **MORNING TEA**

10:50am	Emerging strategies for managing pulse foliar diseases <i>Sara Blake, SARDI</i>	GRDC Ag Tech Startups Forum <i>Michelle Demers, BioScout, Peter Johnston, Honeag, Les Finemore, Yarta</i>	Does timing trump precision? - Optimising canola establishment <i>Kenton Parker, CSIRO</i>	Establishing A decision matrix for disease management strategies <i>Thomas Jones, BCG</i>
11:30pm	Building soil biological capacity on low performing soils <i>Gupta Vadakattu, CSIRO</i>	GRDC Ag Tech Startups Forum <i>Michelle Demers, BioScout, Peter Johnston, Honeag, Les Finemore, Yarta</i>	Novel weed control technologies - New possibilities for Australian growers <i>Michael Walsh, Charles Sturt University, Wagga Wagga</i>	Evaluating varietal response in oaten hay <i>Alison Frischke, BCG</i>
12:10pm	The efficacy of mice baits and impact of background food availability. <i>Steve Henry, CSIRO</i>	Showcasing new rhizobium strains for group E and F innoculent groups <i>Liz Farquharson, SARDI</i>	Strategies for post amelioration sowing and crop establishment on sandy soils <i>Mel Fraser, Soil Function Consulting</i>	Emerging strategies for managing pulse foliar diseases <i>Sara Blake, SARDI</i>

12:50pm **LUNCH**

PLENARY SESSION :

1:30pm **Building rapport and effective communication with clients**

Clint Vawser, Oasis

2:10pm **Optimising efficacy of pre-emergent chemistry**

Chris Preston, University of Adelaide

2:50pm **CLOSE**