

ADELAIDE
SOUTH AUSTRALIA
TUESDAY 6TH AND
WEDNESDAY 7TH
FEBRUARY 2024

GRAINS RESEARCH UPDATE



GRDC[™]
GRAINS RESEARCH
& DEVELOPMENT
CORPORATION

Adelaide Convention
Centre, North Terrace



Day 1 program

8.15 am registration for a 9.00 am start - 5.15 pm

LIVESTREAM AVAILABLE

The main auditorium program will be available via a free livestream. See back page for registration details.

PLENARY PRESENTATIONS

Current and likely impacts of international grain markets

Nick will provide the big picture view on grain markets. What are the factors impacting current demand, supply and prices. What are the likely scenarios to unfold during 2024?



Nick Carracher,
Lachstock Consulting, Adelaide

Adopting innovative agronomic practices and research - a Canadian experience

Sheri will bring over 20 years of experience focussing on enhancing the profitability of Canadian crop producers. From a background in agronomic research, Sheri also farms with her husband Shane near Neerlandia, Alberta. Sheri will compare and contrast their challenges with those faced by Australian growers.



Dr Sheri Strydhorst,
Alberta, Canada

Profitable nitrogen decision making & risk management

Early learnings from RiskWi\$e, the GRDC Risk Management Initiative, will be shared with a focus around a framework to assist risky decisions.



Peter Hayman (SARDI) & Barry Mudge (Barry Mudge Consulting)

CONCURRENT PRESENTATIONS

Cereal disease management 2024 and key strategies for detection

Grant provides a cereal disease outlook for the 2024 season. Unlock strategies for early disease detection, keeping disease management on the front foot. Grant Hollaway *Astute Ag*

Key learnings from long term lime response trials

Target the best bang for your buck when applying lime for next season. Brian utilises results from long term SA based field trials to provide recommendations around rates, product comparisons, placement and nutrition. Brian Hughes *SARDI*

The market and agronomic challenges of carbendazim usage

Explore the market implications and agronomic impacts of off-label usage of carbendazim. Our expert panel dives into the local practices, implications of carbendazim usage and strategies for effectively managing snails.

Kym Perry (*SARDI*), Gerard McMullen (*National Working Party for Grain Protection*), Jake Rademacher (*Growers Supplies*), Gordon Cumming (*GRDC*)

Management strategies to effectively control crown rot

Don't let crown rot hit your back pocket this season. Steven identifies seed treatments and management strategies to minimise the yield impacts of crown rot. Steven Simpfendorfer *NSW DPI*

The consequences of low rates of liquid P & product efficacy challenges

What are the consequences for low rates of liquid P? Nigel breaks down the product efficacy challenges and opportunities for application on P responsive soils.

BOM developments in long term forecasting accuracy

Discover the latest products on offer in seasonal forecasting accuracy for rainfall, temperatures, and wind patterns. Learn what's in store for sowing this season and how it will impact upon Autumn sowing. Jonathan How *Bureau of Meteorology*

The impacts of canopy closure and N on frost mitigation

What's on the horizon for frost management? Ben explores key strategies for effective frost mitigation including how canopy closure and crop nitrogen levels can impact frost levels. Ben Smith *Agrilink Consultants*

Integrated pest management strategies and the impact of beneficials

Discover how the deregistration of key insecticides has impacted the pest management landscape. Luis provides an update on integrated pest management strategies and the value of beneficial insects. Luis Mata *CESAR*

The N Bank - Why and How?

It's timely to take a systems approach to nitrogen management. James outlines the relationship between nitrogen efficiency and protein output when applying N bank theory. James Hunt *University of Melbourne*

Strategies for optimising glufosinate and tackling efficacy challenges

Learn how to implement strategies to optimise the efficacy of glufosinate applications. Chris Preston *University of Adelaide*

Agronomic strategies when growing lentils in marginal areas

Interact with a panel of growers and agronomists on the dos and don'ts when growing lentils in marginal areas. Sam Holmes (*Central Ag Solutions*), Michael Moodie (*Frontier Farming*), Bill Long (*Ag Consulting Co.*)

“DIGGING DEEPER” FORUM

Back to nitrogen basics - Soil testing and nitrogen budgeting fundamentals

Validate your methods for calculating N targets. James covers the latest tools and resources to accurately determine targets and budgets for nitrogen paired with Jeff's view as an experienced agronomist.

James Hunt *University of Melbourne* and Jeff Braun *The Agronomist*

Broad leaf weed management - identifying critical growth stages, timings and treatments

Level up your broad leaf weed control in cereals. Chris identifies key growth stages and timings to optimise control while minimising crop damage. Darren shares his in-paddock experiences and observations.

Chris Davey *YP AG* and Darren Pech *Elders*

Networking drinks and food in the trade display area courtesy of AGT 5.15 pm – 6.45 pm

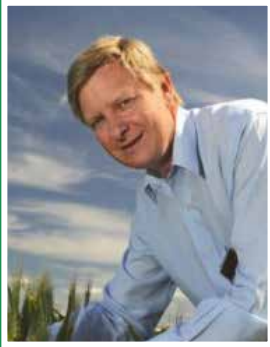
Day 2 program

9.00 am to 3.00 pm

PLENARY PRESENTATIONS

Continuing to optimise the efficacy of pre-emergent chemistry

Efficacy in dry vs wet conditions. Assessment of 2023 pre-em behaviour and learnings for 2024.



Chris Preston
University of Adelaide

Building rapport and communicating with clients

Clint will share insights and tips to adapt your messaging and communication to most likely influence on-farm practice change.



Clint Vawser
Oasis

Barista coffee cart courtesy of
ADAMA

CONCURRENT PRESENTATIONS

Strategies for post amelioration sowing and crop establishment on sandy soils

Optimising crop establishment on sandy soils after amelioration treatment has some unique challenges. Mel provides guidelines and recommendations for the first-year post amelioration.

Mel Fraser *SARDI*

Novel weed control technologies from the USA - new possibilities for Australian growers

With ryegrass control becoming more challenging discover what innovative weed control strategies are on the horizon. Michael showcases novel weed control strategies and their applicability for Australian farming systems.

Michael Walsh *University of Sydney*

Establishing a decision matrix for disease management strategies

Cereal diseases management can be a costly and complex component of any farming system. Thomas introduces a disease decision matrix to support grower decision making when implementing disease management strategies.

Thomas Jones *BCG*

Does timing trump precision? - optimising canola establishment

Unlock key tactics for optimising canola establishment. Kenton outlines the risks of prioritising moisture and placement over sowing time.

Kenton Porker *CSIRO*

Showcasing new rhizobium strains for group E and F inoculant groups

Discover how new Group E and F inoculant groups will shake up the pulse landscape. Liz provides an update on the latest rhizobium strains available for the 2024 growing season.

Liz Farquharson *SARDI*

Building soil biological capacity on low performing soils

Gupta provides a window into the world of soil biology and understanding its impact on soil traits and performance.

Gupta Vadakattu *CSIRO*

Evaluating varietal response in oaten hay

Develop an understanding of the key agronomic levers underpinning profitable & quality oaten hay production. Alison explains how variety, nitrogen, PGR's and sowing rates impact upon yield and quality.

Alison Frischke *BCG*

Emerging strategies for managing pulse foliar diseases

What is best practice when managing pulse diseases? Sara provides a pulse wrap up from previous years highlighting key disease management implications for the 2024 season.

Sara Blake *SARDI*

GRDC Ag Tech Startup Forum

The startup forum showcases technologies currently available for farmers and advisors. Discover how these technologies are changing the status quo within the agricultural industry.

EVENT DETAILS



Registration options

Cost: **\$130** one-day inc. GST | **\$200** two-days inc. GST

Student: **\$80** one-day inc. GST | **\$120** two-days inc. GST

Extra proceedings: **\$80** posted inc. GST

Main auditorium livestream - Free

[Click here to register and pay online](#)

Cancellation

Cancellations prior to **3 February 2024** will receive a full refund. **There will be no refunds for cancellations received on or after this date.** Registration is transferable at any time, contact ORM.

Car parking

Parking is available at the North Terrace and Riverbank car parks.

Catering

Food and beverages are provided throughout the day.

Accommodation

A list of accommodation options is available [here](#).

Program

Topics and speakers are subject to change.

The final program will be provided to registered attendees and made available via the GRDC website in January 2024.

Industry supporters

Opportunities for industry supporters are available. For details contact [**bev@orm.com.au**](mailto:bev@orm.com.au)

Contact details

For enquiries, contact ORM Pty Ltd on **03 5441 6176** or email [**admin@orm.com.au**](mailto:admin@orm.com.au)