

BENDIGO
VICTORIA
TUESDAY 20TH AND
WEDNESDAY 21ST
FEBRUARY 2024

GRAINS RESEARCH UPDATE



Ulumbarra Theatre,
Gaal Rd, Bendigo



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

Can our farming systems meet the global challenges of climate change, food security and sustainability?

A strategic assessment of production systems as they come under increasing pressure and scrutiny over

the next decade. Andrew discusses key global trends in agricultural ecosystems and environmentalism, and objectively assesses the farm policies and systems proposed to meet these challenges. Local implications and a way forward will be outlined.



Andrew Barr,
Grain grower,
Pinery SA

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

Farming systems profit and risk outcomes over time

John provides key insights into applying a farming systems approach to managing profitability and risk for high and medium rainfall production systems.



John Kirkegaard
CSIRO

CONCURRENT PRESENTATIONS

Are rising input costs the biggest threat to farm profitability?

Ben will unpack how the costs of growing grain have changed and the impact on farm profitability. Includes a 10-year trend analysis of cropping financial performance and the relationship between cropping intensity and input spending. Ben Hogan *ORM*

Developing integrated disease management strategies for cereals

With Stripe Rust and Septoria proved to be problematic this season. Grant and Hari provide an update on inoculum levels and fungicide strategies for the 2024 season. Hari Dadu *Agriculture Victoria* & Grant Hollaway *Astute Ag*

Managing black leg with retained seed

Minimise the disease threat this season when retaining canola seed. Steve identifies key strategies for managing blackleg this season. Steve Marcroft *Marcroft Grains Pathology*

Strategic use of glufosinate

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

Slug management

Tackle slugs head on this season by implementing a targeted baiting strategy. Michael provides insights into the impacts of biology and environmental conditions on slug baiting. Michael Nash *What Bugs You*

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 Australia*

Triple Knock Strategies with paraquat and Group G Herbicides

Roberto showcases triple knock strategies for paraquat and group G herbicides based on trial data. Roberto Busi *University of Western Australia*

Long term lime response from local field trials

Its time to tackle topical issues around soil stratification and sampling. Lisa provides insights into what is considered to be best practice and how liming fits within the broader farming system. Lisa Miller *Southern Farming Systems*

Building soil biological capacity on low performing soils

Gupta provides a window into the world of soil biology and understanding their impact on soil traits and performance. Gupta Vadakattu *CSIRO*

Vetch agronomy in the lower Vic Mallee

Develop a deeper understanding of vetch agronomy. Brooke highlights the impacts of nitrogen and soil moisture when growing vetch under different management strategies. Yolanda Plowman *Birchip Cropping Group*

Novel weed control technologies - New technologies 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*

“DIGGING DEEPER” FORUM

Climate drivers 101

A review of the basic drivers behind Victoria's climate including east coast lows, IOD, SAM, sub-tropical ridges and El Nino and how they impact seasonal forecasts. Dale Grey *Agriculture Victoria*

Key growth stages in legumes

The key fundamentals when identifying key growth stages in pulses. Discover which growth stages are pivotal when considering withholding periods and application timings. Audrey Delahunty *Agriculture Victoria*

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

A framework to aid farm level decision making

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



Peter Hayman
SARDI

Optimising 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

CONCURRENT PRESENTATIONS

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

Key varietal interactions for beans and lentils

Learn how to close the yield gap when growing beans and lentils. Jason identifies strategies for optimising varietal selection when managing emerging weed and disease challenges.

Jason Brand Agriculture Victoria

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

Applicability of N Bank theory

Its 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

A decision matrix to support disease management

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 Birchip Cropping Group

An integrated approach to effectively managing pulse diseases

Develop an integrated approach when managing pulse diseases this season. Josh highlights strategies for managing sclerotinia and emerging pulse diseases.

Josh Fanning Agriculture Victoria

BOM developments in long term forecasting accuracy - The implications for Autumn sowing

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.

Claire Yeo Bureau of Meteorology

Evaluating varietal response in hay oats

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 Birchip Cropping Group

A deeper understanding of high yielding irrigated crops

Develop a deeper understanding of hyper yielding crops. Ben identifies management guidelines for optimising the yields of irrigated crops.

Ben Morris FAR Australia

GRDC Ag Tech Startup Forum

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

Barista coffee cart courtesy of ADAMA

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 **18 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 nearby. Delegates are responsible for their own parking arrangements.

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)