



# Program

Irrigation Insights Conference

## Session 1 – Navigating a Modern Water Environment

Proudly supported by Eagle-I

### The Value of Water

Daryl Poole, Associate, RMCG

The water operating environment and how we use water on farm has changed. Gain a deeper understanding of strategies to manage water portfolio's and make profitable water use decisions.

### Transforming Industries Panel

Dehne Vinnicombe, Calivil, Rob Houghton, Gogelderie

Growers will share how they have adapted to the changing water environment. Learn how they are integrating enterprises, managing their water portfolios, mitigating risk, improving efficiencies and future proofing their businesses.

## Session 2 – GRDC Improving and Adapting Irrigation Systems

Proudly supported by GRDC

### Pros and Cons – making irrigation systems work for you!

Lou Gall, Project Officer, Gwydir Valley Irrigators Association, Alex Schultz, Research Development Officer, NSW DPI and Andy McCallister, Senior Research Scientist, DJPR

Discover the results from 10 year's worth of data about irrigation systems, what works in what situation? How can producers optimise the system they have to maximise their productivity? What are some of the aspects to consider when making system investments?

### Automated irrigation as an enabling technology to achieve aerobic rice

Matt Champness, PhD Candidate, Deakin University

This project aims to develop linked sensing, forecast and automation systems to achieve optimal water management. Systems capable of sensing soil, water and crop stress; together with automated Internet of Things (IoT) irrigation control structures and weather forecasts will allow water and labour savings to be achieved.

### Design and monitoring of centre pivot and lateral move systems to improve efficiency

Nick O'Halloran, Senior Irrigation Officer, Agriculture Victoria

Find out more about this local work aimed at improving energy efficiency (running costs) and application uniformity (for better infiltration and irrigation scheduling) of irrigation systems. Nick has assessed over 50 systems in northern Vic and southern NSW and found a range of issues and solutions.



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## Session 3 – Systems Thinking - Integrating Enterprises

Proudly supported by AgriFutures Australia

### Integrating livestock into a continuous grain cropping enterprise

TBC

Take a closer look at successful grain, graze and fodder systems

### Transforming Industries Panel

Michael Hughes, Pretty Pine, Andrew Murphy, Kyabram and Cameron Robertson, Finley

Discover how farmers are mitigating risk and building flexibility into their systems through successful integration of enterprises and diversification of farm income. Delve into how growers make the best decisions from year to year with how best to manage water to max efficiency and profitability? Improve your understanding of how to manage limited water for the best outcome.

## Session 4 – Future Opportunities and Challenges

Proudly supported by Rural Bank

### Carbon neutral farms – is it possible?

Francois Visser Managing Director, Carbon Friendly Pty Ltd

There is increasing interest in carbon neutral farming and carbon credits, how can growers minimise their ecological footprint? What are the tools available to make decisions about land management to achieve Carbon neutrality? What opportunities are there with carbon credits?

### Leading the way! Proactive approach to our social licence

Catherine Marriott, Chief Executive Officer Riverine Plains

Develop your critical thinking around "right to farm", how can we proactively contribute to ensuring our social licence across irrigated ag industries.

### Networking Drinks

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