



Optimising Irrigated Grains



FAR Australia in association with its collaborators invites you to attend the **2022 Optimising Irrigated Grains Field Day** **Thursday 15th September 2022**

Finley Irrigated Research Centre, 2431 Newell Highway, Finley, NSW 2713

GPS: -35.614639, 145.591306

TIMETABLE

9.45am: Nick Poole (FAR Australia) welcome and introduction to the day.

12noon: Lunch (kindy provided by Tocumwal Pre-School).

12.45pm: Dr Kaara Klepper, GRDC's farming systems north manager to open the afternoon's proceedings and to provide her vision for the Australian Grains Industry going forward.

3.00pm: Close with the chance to have a chat over afternoon refreshments.

KEYNOTE SPEAKER:

Assoc. Prof. Matthew Harrison

is Director of the Carbon Storage Partnership and Systems Modelling Team Leader at the **Tasmanian Institute of Agriculture**. He leads a diverse portfolio of multidisciplinary work that aims to improve the productivity, profitability and social acceptability of the agricultural sector. He leads the economic component of the Optimising Irrigated Grains Project.



Trial site kindly hosted by:



Growers and advisers will have the opportunity to look at the effects of irrigation systems 'surface' and 'overhead' on break crops (chickpeas, canola and faba beans) and cereal crops (wheat, barley, durum) canopy structure and disease.

Topics and trials will include:

- Introduction to WaterCan Profit, a decision framework that allows users to select profitable crop rotations, optimise a limited allocation of irrigation water across the whole farm, and to contrast strategic investments in irrigation infrastructure.
- What is the effect of soil amelioration and soil amendments on a faba bean - canola - drum crop sequence?
- What are the optimum rates and timing of nitrogen applications for canola and how important is residual N from the previous crop?
- How do we keep barley and durum crops standing under irrigation? – Trials examine the effect of plant population, grazing and PGR's.
- How do we achieve high protein combined with high yields in durum wheat?
- How do Vetch Varieties respond to various irrigation strategies, and what is the optimum cutting time? (supported by Dairy Australia)?
- Join some local farmers for a panel session on some on-farm demonstrations achieved through the optimising irrigated grains.
- Whole Farm Irrigation Automation with Rubicon, see a hands-on practical demonstration of how we have fully automated our trial farm.



We are fortunate to have secured the following speakers:

Assoc. Prof. Matthew Harrison, University of Tasmania • Nick Poole, Ben Morris, Tom Price & Rebecca Murray, FAR Australia • Dr Ehsan Tavakkoli, NSW DPI • Stephanie Chappell & Russell Ford, Southern Growers • Jake Plattfuss, Grower • Brett Orin, Schedule it, Kevin Saillard, Rubicon Water

