



Optimising  
Irrigated Grains



# FAR Australia invites you to attend the 2020 Optimising Irrigated Grains Project Field Day

In collaboration with **SOUTHERN GROWERS**

**REGISTRATION IS COMPULSORY – NSW GROWERS ONLY**

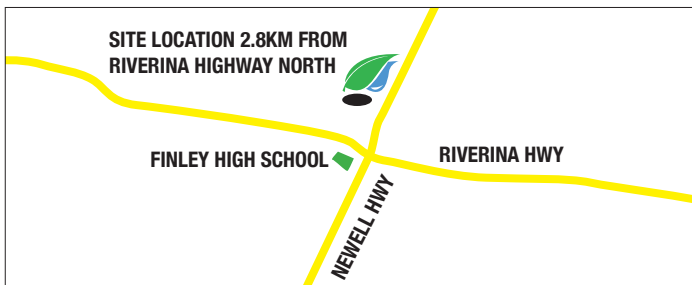
**WHEN:** Thursday 17 September 2020

Session 1: 10:00 am

Session 2: 11:00 am

Session 3: 12:00 pm

**WHERE:** Finley Irrigated Research Centre,  
2431 Newell Highway, Finley, NSW, 2713



On the day FAR Australia will showcase its field research site which has been set up in collaboration with Southern Growers as part of a GRDC funded Initiative "Optimising Irrigated Grains". The irrigated research site aims to assist NSW and Victorian growers in realising the genetic potential of irrigated grain crops grown under higher yield potential in the region. The research programme will look at crops grown under overhead irrigation and flood-based systems with the aim of covering the major irrigation types distributed across the Murrumbidgee and Murray Valleys of southern NSW. There are no trial results at this stage since this is the first year of trials however there will be the opportunity to view trials in four different crops (canola, faba beans, durum wheat and barley).

## TOPICS WILL INCLUDE:

Keynote Field Day speaker **Dr Ehsan Tavakkoli**, Senior Research Scientist, Soil and Water R&D, NSW Department of Primary Industries (Agriculture) will address:

- What is the influence of soil amelioration and soil amendments on crop yield and profitability in irrigated farming systems?

Guest speaker Alex Schultz, Research Development Officer, Soil and Water R&D, NSW Department of Primary Industries (Agriculture) will address:

- An update on the continual rice/winter crop rotations demonstration and the importance of soil moisture monitoring, what do the readings mean?

FAR Australia research staff Ben Morris and Tom Price will tour groups around the research trials talking about the trial objectives and inputs to date.

- Growers and advisers will have the opportunity to look at the effects of irrigation systems 'flood' and 'overhead' in break crop (Canola and faba beans) canopy structure and disease.
- With increased yield potential under irrigation, trials look at how high we should push our N fertiliser nutrition in durum, barley and canola.
- How do we keep crops of barley standing under irrigation? – trials examine the effects of plant population, grazing and PGR's.
- What are the effects of soil amelioration and soil amendments on faba beans?
- Does European winter barley germplasm as opposed to spring germplasm e.g. RGT Planet, have a place in irrigated farming systems in southern NSW?

**Please come prepared with clean outdoor clothing to ensure good farm biosecurity hygiene.**



## KEYNOTE SPEAKER: DR EHSAN TAVAKKOLI

Dr Ehsan Tavakkoli is a Senior Research Scientist at the NSW DPI and has over 15 years of R&D experience and specialises in soil:plant interactions and soil based constraints in farming systems. He currently leads a research program with a range of projects from studies on amelioration of subsoil constraints and development of innovative amendments through to projects, which investigate soil nutritional chemistry. He has close relationships with growers, advisers and grower groups and participated in several field days and GRDC updates in south-eastern Australia.

**DUE TO CURRENT COVID-19 RESTRICTIONS, NUMBERS ARE LIMITED AND REGISTRATION IS COMPULSORY**  
**REGISTRATION IS OPEN TO RESIDENTS OF NSW ONLY. FIRST COME FIRST SERVED. APOLOGIES IF YOUR PREFERENCE IS NOT AVAILABLE.**  
**PLEASE DO NOT ATTEND UNLESS YOU HAVE WRITTEN CONFIRMATION.**

Please register your attendance and preferred session time by email or phone:  
**rachel.hamilton@faraustralia.com.au, 0428 843456 or southerngrowersinc@gmail.com, 0417 444750**

FAR1906-003RTX: Development and validation of soil amelioration and agronomic practices to realise the genetic potential of grain crops grown under a high yield potential, irrigated environment in the northern and southern regions is part of a wider GRDC funded project in irrigated grain production called "Optimising Irrigated Grains" involving a wide range of collaborators.



**Please contact event coordinator Rachel Hamilton for further information**

**Ph: 04 2884 3456 Email: rachel.hamilton@faraustralia.com.au**

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