



Want a BBQ with your GRDC Update?

The Wagga Wagga GRDC Grains Research Update (February 16 & 17) will be live streamed. You can attend in person, or watch sessions live from the comfort of your own home, but why not get together with colleagues or clients and make a day of it – even if viewing it on-line?

The 2021, GRDC Grains Research Update at Goondiwindi has been split into two one-day events to be run at Dalby (2 March) and Narrabri (4 March), both of which will also be live streamed.

We hope that as many as possible will attend face to face, but venue capacity restrictions will mean that not everyone will be able to attend this year. So we are streaming these events for people to watch live and participate in remotely.

How it works

Register for the live stream (its free to view on-line) and you will be sent a link to the live stream closer to the event. You will be able to ask questions, interact with speakers and hear questions from the audience.

Why not go one step better and watch it together with a group of your clients or colleagues? Make a day of it – have a BBQ – invite friends - convene your own discussion sessions during breaks – focus on the sessions that really interest you.

After registering for the live stream, a link to the live stream will be emailed to you. Proceedings will be made available electronically, not in hard copy, (unless you elect to purchase a hard copy).

Session times are included below. We will run as close to these times as possible on the day, so it's possible to drop in and out to view topics of particular interest to you or your clients and run discussion or social sessions during the breaks.

The live stream will also be recorded. Links to the recordings will be sent out to all registrants and attendees of the Updates.

How to register

[Click here to register for the live stream events \(on-line participation is free of charge\)](#)

If you intend on running a day for multiple people, make sure that you check the box that asks you if you are registering for a group. If you tell us you are planning to run an event for multiple people around the Update live stream, we will correspond with you and let you know how people at your event can register with us so that they also receive e-mails with links to resources such as Update papers and recordings.

[Click here to register to attend the Wagga Wagga Update in person \(fees apply\)](#)

How to use the live stream

There are many ways to take advantage of the live stream event. It's an opportunity to bring together colleagues, clients or neighbours to watch the whole day, or just focus on one part of the agenda that matters to you. Why not organise a BBQ lunch and make a day of it?

Think of it a bit like the grand final of your favourite sporting code. People often create their own events around watching the final. This time, you can organise your own event around hearing the latest grains research relevant for the coming season.

Agronomists can consider facilitating your own discussion sessions to discuss how research is applicable to your region.

Questions?

Contact John Cameron or Erica McKay on 02 9482 4930 or erica@icanrural.com.au

Wagga Wagga Day 1 – Tuesday 16 February

NOTE: The agenda may be subject to changes in the sequence, duration, speakers and topics presented. We strongly recommend that the day before you tune in to the live stream, that you ensure that you have checked an updated version of the agenda in this flier online. On the day we recommend logging in 10 minutes before you wish to view a session.

Time	Topic	Speaker (s)
10:00 AM	Welcome	Tony Williams (CEO, GRDC)
<i>Varieties and subsoil constraints</i>		
10:20 AM	Getting phenology right, what's next? Project learnings from 2017-20, comparing wheat and barley responses and tactical agronomy to increase yield.	Felicity Harris (NSW DPI)
10:55 AM	Amelioration of hostile subsoils to improve crop productivity <ul style="list-style-type: none">• Techniques• Impact on crop water use and yield• Soil water and crop physiological impacts• Financial implications.	Ehsan Tavakkoli (NSW DPI) & Peter McInerney (3D Ag)
11:30 AM	Within-paddock variability of subsurface pH in southern NSW – its relationship to surface soil properties (pH, buffering capacity) and implications for decision making	Eva Moffitt (EM Ag Consulting)
12:00 PM	Lunch	
<i>Canola establishment, rhizobia, Russian wheat aphid and grazing crops</i>		
12:40 PM	Optimising canola establishment <ul style="list-style-type: none">• Factors affecting establishment• Growing high vigour seed• Optimising P nutrition and placement• Seed testing.	Col McMaster (NSW DPI) & Maurie Street (GOA)

1:20 PM	What difference does rhizobia strain make on grain legume nodulation, nitrogen fixation and grain yield? o Strain performance in acid soils o Herbicide residue impacts.	Belinda Hackney (NSW DPI)
1:50 PM	Russian wheat aphid update • Thresholds • Yield impact • Decision making.	Maarten van Helden (SARDI)
2:15 PM	Grazing cattle on dual purpose crops - managing health risks • Adaptation periods for cattle on canola and practices to mitigate risk • Managing rumen pH depression on cereals • Supplements.	Jeff McCormick (CSU) & Paul Cusack (Central Veterinary Services)
3:00 PM	Afternoon tea	
<i>Diseases</i>		
3:30 PM	Fungicide resistance in cereals - which pathogens and strategies to deal with it.	Nick Poole (FAR Australia)
3:55 PM	Wheat rust developments - a new stripe rust pathotype in bread wheat and durum varieties; LR24 virulence in leaf rust.	Robert Park (University of Sydney)
4:20 PM	Cereal pathology update - survey data; learnings from 2020; planning for 2021.	Andrew Milgate (NSW DPI)
4:45 PM	Are there economic benefits in control of foliar fungal disease in canola crops in the low to medium rainfall zones of NSW?	Maurie Street (GOA)
5:10 PM	Diseases in pulse's and canola - what happened where and why in 2020, and what are the implications for 2021?	Kurt Lindbeck (NSW DPI)
5:35 PM	Close	

Wagga Wagga Day 2 – Wednesday 17 February

Time	Topic	Speaker (s)
<i>De-risking nitrogen - the case for change!</i>		
8:30 AM	Nitrogen loss pathways. How much N is lost when urea is not mechanically incorporated after application?	Graeme Schwenke (NSW DPI)
9:00 AM	Managing water and nitrogen use efficiency across years and crop sequences to drive profit - crop legacies and learnings from regional farming systems research and longer term farming systems studies.	John Kirkegaard (CSIRO)
9:35 AM	Strategies for longer term management of the soil N bank across the farming system.	James Hunt (La Trobe University) & John Kirkegaard (CSIRO)
10:05 AM	Discussion on de-risking nitrogen. • Agronomist advice to clients - what needs to change? • Managing risk and N decision making - optimising N decision making for multiple seasonal outcomes	Led by John Kirkegaard (CSIRO), James Hunt (La Trobe University) and Graeme Schwenke (NSW DPI)
10:25 AM	Morning tea	

<i>Pulses</i>		
10:55 AM	Developing new hard seeded self-regenerating legume species for crop and pasture systems to fix more N for crops and feed livestock in medium and low rainfall zones.	Belinda Hackney (NSW DPI)
11:25 AM	Profitable pulses in lower rainfall farming systems	Michael Moodie (Frontier Farming Systems)
12:00 PM	Integrating pulses into the farming system - double breaks, fallow vs pulses and optimising crop sequence - a grower's perspective	John Stevenson (Grower/SNSW Manager, Warakirri)
12:25 PM	Discussion	
12:40 PM	Lunch	
<i>Weeds</i>		
1:20 PM	Ryegrass - blowouts at seeding in 2020 and management for 2021 <ul style="list-style-type: none"> • Causes of poor results - resistance vs environment/dose rate • Paraquat stewardship • Optimising glyphosate performance (tank mixes, AMS, formulation, resistance, adjuvants, timing, application, stress) 	Peter Boutsalis (Plant Science Consulting) & John Broster (CSU)
1:55 PM	Seed dormancy and emergence patterns in annual ryegrass populations from cropped fields - why a big flush was expected in 2020 and what's on the cards for 2021 in SNSW?	Chris Preston (University of Adelaide)
2:15 PM	Challenges in fitting new pre-emergent herbicides into farming systems and managing them for longevity.	Greg Condon (Grassroots Agronomy/WeedSmart), Chris Preston (University of Adelaide)
2:55 PM	Weeds discussion <ul style="list-style-type: none"> • Managing ryegrass blowouts • Agronomist advice to clients - what needs to change? 	Peter Boutsalis (Plant Science Consulting), John Broster (CSU), Greg Condon (Grassroots Agronomy/WeedSmart), Chris Preston (University of Adelaide)
3:20 PM	Close	

(Agenda subject to change)

[If you want more detail on the Dalby \(March 2\) and Narrabri \(March 4\) Update live streams, click here.](#)