

**DUBBO
NSW**

THURSDAY 25 & FRIDAY 26
FEBRUARY 2021

GRAINS RESEARCH UPDATE

DRIVING PROFIT THROUGH RESEARCH



GRDC™

GRAINS RESEARCH
& DEVELOPMENT
CORPORATION

Dubbo RSL, Cnr Brisbane Street & Wingewarra St, Dubbo, NSW 2830

Thursday 25 & Friday 26 February 2021

The 2-day GRDC Grains Research Update at Dubbo is on again in February 2021. This is a cornerstone event for the grains industry in central west NSW. If you are involved in the production side of the grains industry, this is an event that you cannot afford to miss. Come along and hear the latest grains research information, share ideas and update your knowledge.

The Dubbo GRDC Grains Research Update in 2021 is a Covid Safe event. To ensure we comply with Covid-19 regulations, the event will run slightly differently than previous years. Instead of concurrent sessions, topics will be rotated between two rooms to allow enough people to attend under social distancing guidelines.

Day 1 -

Thursday 25 February 2021

9am registration for a 10am start, finish by 5pm

Topics

Barley markets, risk, seasons and disease

- ▶ **Barley 2030 opportunities** - Vietnam, India and other markets *Mary Raynes (AEGIC)*
- ▶ **Forewarned is forearmed.** Having better conversations with growers on seasonal forecasts and climate risks for more profitable decision making. *Peter Hayman (SARDI)*
- ▶ **Cereal disease bingo!** Learnings from 2020 and planning for 2021. *Steven Simpfendorfer (NSW DPI)*

Weeds

- ▶ **Ryegrass - blowouts at seeding in 2020 and management for 2021.** *Peter Boutsalis (Plant Science Consulting) and John Broster (CSU)*
 - o Causes of poor results - resistance vs environment/dose rate
 - o Paraquat stewardship
 - o Optimising glyphosate performance (tank mixes, AMS, formulation, resistance, adjuvants, timing, application, stress).
- ▶ **Experience fitting new pre-emergent herbicides into farming systems and managing them for longevity.** *Chris Preston (University of Adelaide) and Greg Condon (Grassroots Agronomy/WeedSmart)*
- ▶ **Weeds discussion.** Led by Campbell Muldoon (MPAC Pty Ltd), Peter Boutsalis (Plant Science Consulting), John Broster (CSU), Chris Preston (University of Adelaide) and Greg Condon (Grassroots Agronomy/WeedSmart)
 - o How could we have better managed 2020? Key learnings from blowouts
 - o Messaging for growers on integrating pre-emergents into farming systems.

Canola

- ▶ **Managing upper canopy blackleg and sclerotinia in lower and medium rainfall western canola crops.** *Maurie Street (GOA)*
- ▶ **Optimising canola establishment** *Colin McMaster (NSW DPI) & Maurie Street (GOA)*
 - o Factors affecting establishment
 - o Growing high vigour seed
 - o Optimising P nutrition and placement
 - o Seed testing.

- ▶ **Grazing cattle on dual purpose crops - managing health risks.** *Jeff McCormick (CSU) and Paul Cusack (Central Veterinary Services)*
 - o Adaptation periods for cattle on canola and practices to mitigate risk
 - o Managing rumen pH depression on cereals
 - o Supplements.

Day 2 -

Friday 26 February 2021

Sessions - 8am registration for an 8:30am start, finish by 3:15pm

Data sources, Russian wheat aphid, heat tolerance in cereals and soil constraint ID

- ▶ **Satellites and other useful data sources** that are ready for immediate benefit for on-farm decision making. *Tim Neale (Data Farming)*
- ▶ **ConstraintID** - a free web-based tool to identify areas where soil constraints are most likely to be limiting crop yields. *Yash Dang (UQ)*
- ▶ **Heat tolerance in cereals** - best performing lines, new material, mechanisms of tolerance and in season recommendations. *Rebecca Thistlethwaite (University of Sydney)*
- ▶ **Russian wheat aphid update** - thresholds, yield impact & decision making. *Maarten van Helden (SARDI)*

Farming systems & soils

- ▶ **Soil moisture, nitrogen and disease legacy effects of Central Western farming systems** - 5 years of findings at Trangie. *Greg Brooke (NSW DPI)*
- ▶ **The potential role of companion and intercropping systems in Australian grain farming. Should we be considering them?** *Andrew Fletcher (CSIRO)*
- ▶ **Ameliorating soils for sodicity** - deep ripping and soil amendment research. Engineering challenges; yield responses to ripping, gypsum and organic matter placement in constrained soils. *Chris Guppy (UNE) and Ehsan Tavakkoli (NSW DPI)*

Pulses

- ▶ **A new chickpea desi variety 'CBA Captain[®]' for NSW and QLD in 2021.** *Kristy Hobson (NSW DPI)*
- ▶ **Impact of Ascochyta on chickpea when disease occurs at different growth stages.** *Kevin Moore and Leigh Jenkins (NSW DPI)*
- ▶ **Viral diseases in fababean, chickpeas, lentil and lupins** - impacts, vectors/causes and management strategies for 2021. *Joop van Leur and Zorica Duric (NSW DPI)*
- ▶ **Agronomic strategies to optimise pulse productivity in 2021.** Discussion led by Leigh Jenkins (NSW DPI) & Garry Lane (LaneGrain)

*** We will be operating under Covid-safe guidelines, pre-registration is essential as we may not be able to take walk-ins on the day.**

(Agenda subject to change)



Grains Research Update Registration Form

Fill out & fax/mail/email the attached to 02 9482 4931, erica@icanrural.com.au or register online at <http://www.icanrural.com.au>

For face-to-face registrations, a tax invoice will be issued on receipt of payment to:
ICAN Pty Ltd ABN: 48 069 548 287, PO Box 718, Hornsby NSW 1630

I would like to register* for the following:		Amount
DAY 1 – Thursday 25 February 2021 Dubbo GRDC Grains Research Update (RSL)	Cost: \$100 pp No of participants: <input type="text"/>	<input type="text"/> \$ <input type="text"/>
DAY 2 – Friday 26 February 2021 Dubbo GRDC Grains Research Update (RSL)	Cost: \$100 pp No of participants: <input type="text"/>	<input type="text"/> \$ <input type="text"/>
<input type="checkbox"/> I would like <input type="text"/> extra copies of the proceedings (collect at conference) #	\$40 ea	<input type="text"/> \$ <input type="text"/>
<input type="checkbox"/> I am unable to attend but would like <input type="text"/> copies of proceedings (includes postage) #	\$55 ea	<input type="text"/> \$ <input type="text"/>
Total		<input type="text"/> \$ <input type="text"/>

* Day registration covers lunch, morning/
afternoon tea & proceedings

(All prices are GST inclusive)

Details for tax invoice and further correspondence:

Name: _____	
Organisation: _____	
Address: _____	Postcode: _____
Phone: _____	Mobile: _____
E-mail: _____	

☐ I am not a participant (i.e. the above is for tax invoice/receipt only) OR ☐ I am a participant



Grains Research Update Registration Form cont.

Participants:

Name:	Email address:	Mobile:	Day 1 attend (tick)	Day 2 Attend (tick)
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Privacy

- ☐ I am happy to have my contact details retained by the Grains Research Development Corporation (GRDC) and Independent Consultants Australia Network Pty Ltd (ICAN) to communicate information regarding new developments in the grains industry. Your information will be handled in accordance with Australian Privacy Principles and the GRDC's privacy policy which can be accessed from the GRDC's website at www.grdc.com.au
- ☐ I wish my contact details to be removed from the database soon after this event.

Payment method (please tick): *(Sorry Amex & Diners not accepted)*

- ☐ Visa ☐ MasterCard ☐ Cheque (enclosed) - Cheques should be made payable to 'ICAN Pty Ltd'

Card Number:

Expiry date: / 3 digit CVV number:

Card Holder (as on card):

Signature of cardholder:

Cancellation policy

We will happily refund your registration fee, providing you notify us two working days prior to the function. Refunds are not guaranteed for cancellations made after this date.

Contact details

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