

WAGGA WAGGA
NSW

TUESDAY 14 &
WEDNESDAY 15
FEBRUARY 2023

GRAINS RESEARCH UPDATE

DRIVING PROFIT THROUGH RESEARCH



**Joyes Hall & Convention Centre,
Charles Sturt University, Pine Gully Rd, Wagga Wagga, NSW 2650**

The 2-day GRDC Grains Research Update at Wagga Wagga is back with a vengeance in February 2023. 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 discuss the latest grains research information, share ideas, network and update your knowledge.

Day 1 Program: Tuesday 14 February 2023

9am registration for a 10am start, finish at 5:15pm

Time	Topic	Speaker(s)
9:00 am	Registration, morning tea & trade displays	
10:00 am	Welcome	GRDC
10:30 am	Farming systems - profit over time and risk <ul style="list-style-type: none"> The impact of three wet consecutive seasons 	John Kirkegaard (CSIRO)
11:10 am	Nitrogen - strategies for N banking and reducing losses <ul style="list-style-type: none"> How are different strategies performing? N cycling, sources, loss pathways Comparing N in cereals and canola Economics and risk 	James Hunt (Uni of Melbourne) & Ash Wallace (Agriculture Victoria)
12:15 pm	Lunch	
1:15 pm	Concurrent session 1 – See concurrent sessions for details	
3:00 pm	Afternoon tea	
3:30 pm	Concurrent session 2 – See concurrent sessions for details	
5:15 pm	Close	
7:00 pm	Networking dinner & drinks at Thirsty Crow Brewery 153 Fitzmaurice Street, Wagga Wagga (Supported by FMC & AGT)	

Day 2 Program: Wednesday 15 February 2023

7:30–8:20am early risers session. Day sessions 8:30am start, finish at 2:55pm

Time	Topic	Speaker(s)
7:30 am	EARLY RISERS DISCUSSION SESSION. Soil acidity <ul style="list-style-type: none"> Its stratification and how soils respond to amelioration with lime in different environments 	Jason Condon (CSU) & Helen Burns (NSW DPI)
8:30 am	Concurrent session 3 – See concurrent sessions for details	
10:15 am	Morning tea	
10:45 am	Concurrent session 4 – See concurrent sessions for details	
12:30 pm	Lunch	
1:30 pm	Optimising control of annual ryegrass <ul style="list-style-type: none"> Clethodim activity on resistant annual ryegrass Updated herbicide resistance data for SNSW Managing issues with pre-sowing knockdown of glyphosate resistant ryegrass Strategies for HRZ's Are we selecting later germinating biotypes of ryegrass? What's the impact on the performance of pre-emergent herbicides? 	Chris Preston (Uni of Adelaide)
2:15 pm	Hyper yielding cereal agronomy <ul style="list-style-type: none"> Key levers and their interactions - varieties, N and lessons learnt 	Nick Poole (FAR Australia)
2:55 pm	Close	

Location & Timing of Concurrent Sessions

	Main auditorium (Joyes Hall) (Live streamed)	Convention Centre Indyamarra Room (Rm 152)	Convention Centre Bangayarra Room (Rm 151)
Day 1 – Session 1	Farming systems & pulses	Weeds	Soils & pasture legumes
Day 1 – Session 2	Weeds	Farming systems & pulses	Soils & pasture legumes
Day 2 – Session 3	Disease	Canola	Cereal phenology & physiology
Day 2 – Session 4	Canola	Disease	Mental health & finding farm profit

(Agenda subject to change)

Concurrent Sessions – DAY 1		
Farming systems and pulses (Sessions 1 & 2)		
Session Time		Topic and Speaker(s)
1	2	
1:15 pm	3:30 pm	Legacy effects and the value of pulses in the farming system <i>Mathew Dunn (NSW DPI)</i>
1:50 pm	4:05 pm	Pulse agronomy to maximise yield and farming system benefit <i>Rohan Brill (Brill Ag)</i>
2:25 pm	4:40 pm	Pushing yield barriers in faba bean <i>Ben Morris (FAR Australia)</i>
2:50 pm	5:05 pm	Discussion

Weeds (Sessions 1 & 2)		
Session time		Topic and Speaker(s)
1	2	
1:15 pm	3:30 pm	Regulatory needs for green-on-green optical spot sprayers and herbicide tolerance trait stacking • Opportunities and issues for industry <i>Rohan Rainbow (Crop Protection Australia)</i>
1:45 pm	4:00 pm	Weed mapping using drones for targeted weed spraying <i>Ben Single (Single Agriculture)</i>
2:15 pm	4:30 pm	Drones for weed detection and control <i>Tristan Steventon (Stevtech)</i>
2:45 pm	5:00 pm	Discussion

Soils and pasture legumes (Sessions 1 & 2)		
Session time		Topic and Speaker(s)
1	2	
1:15 pm	3:30 pm	Profit drivers when ameliorating sandy soils <i>Therese McBeath (CSIRO)</i>
1:55 pm	4:10 pm	Maximising phosphorus uptake by crops to optimise profit in central and southern NSW <i>Shihab Uddin (NSW DPI)</i>
2:20 pm	4:35 pm	Nitrogen and other legacies of pastures grown in crop rotations <i>Belinda Hackney (Select Carbon)</i>

Live stream of the event

In addition to being run as a face-to-face Update, the Joyes Hall sessions at the Wagga Wagga GRDC Grains Research Update will be live streamed for online viewing.

Those who register for the free live streams will receive links closer to the event and a link to the online proceedings. Not all concurrent sessions will be run in Joyes Hall, Please refer to above agenda.

Register for the livestream at <https://icanrural.com.au/updates.html>

Concurrent Sessions – DAY 2		
Disease (Sessions 3 & 4)		
Session Time		Topic and Speaker(s)
3	4	
8:30 am	10:45 am	Rust in 2023 & beyond • Pathotypes, varieties & strategies for durable deployment of new resistance genes <i>Robert Park (Uni of Syd PBI)</i>
9:00 am	11:15 am	Cereal diseases - an autopsy of 2022 & management to do better in 2023 • Stripe rust, powdery, septoria and root diseases <i>Brad Baxter (NSW DPI)</i>
9:35 am	11:50 am	Fungicide resistance update <i>Fran Lopez (Curtin University/CCDM)</i>
10:05 am	12:20 pm	Discussion • Implications for varietal selection & fungicide planning in 2023

Canola (Sessions 3 & 4)		
Session time		Topic and Speaker(s)
3	4	
8:30 am	10:45 am	Hyper yielding canola agronomy • Key levers & their interactions; varieties, N and lessons learnt <i>Rohan Brill (Brill Ag)</i>
9:00 am	11:15 am	Just how much damage does frost & heat stress do to yield & quality in canola? <i>Rajneet Uppal (NSW DPI)</i>
9:25 am	11:40 am	Canola diseases • A regional update on sclerotinia & blackleg management for 2023 <i>Kurt Lindbeck (NSW DPI)</i>
9:45 am	12:00pm	The genetics of crown canker and upper canopy infection in canola and response to fungicides <i>Steve Marcroft (Marcroft Pathology Services)</i>

Cereal phenology & physiology (Session 3 only)	
Time	Topic and Speaker(s)
8:30 am	Understanding the physiology of wheat yield & interactions between temperature, nitrogen & water <i>Victor Sadras (SARDI)</i>
9:00 am	An updated cereal phenology classification • Fitting new wheat and barley varieties <i>Felicity Harris (CSU)</i>
9:50 am	100-day wheats for Australian systems & traits for yield in short season late sown wheat <i>Tim Green (CSU)</i>

Mental health & finding farm profit (Session 4 only)	
Time	Topic and Speaker (s)
10:45 am	Looking after yourself to look after your clients in challenging times <i>Tammy Elwin (RAMHP)</i>
11:40 am	Finding profit in the face of increasing input costs, interest and land value <i>Simon Fritsch (Agripath)</i>

Registration Form

Register online at <http://www.icanrural.com.au> or complete & mail/email or fax the attached to 02 9482 4931.
 If registering to attend this event in person (ie not livestream), a tax invoice will be issued on receipt of payment.

I would like to register* _____(no people) for the following:

	Face-to-face* participation*	Face-to-face* participation*	Amount
	Standard registration (received by COB Tue 7 Feb 2023)	Late registration (received after 7 Feb 2023)	\$
	No of participants	No of participants	
Both days: Tue 14 & Wed 15 Feb 2023	Cost: \$200 pp <input type="checkbox"/>	Cost: \$220 pp <input type="checkbox"/>	\$ _____
Day 1: Tue 14 Feb 2023	Cost: \$130 pp <input type="checkbox"/>	Cost: \$140 pp <input type="checkbox"/>	\$ _____
Day 2: Wed 15 Feb 2023	Cost: \$130 pp <input type="checkbox"/>	Cost: \$140 pp <input type="checkbox"/>	\$ _____
<input type="checkbox"/> I would like <input type="checkbox"/> extra copies of the proceedings (collect at conference) (\$40 each)			\$ _____
<input type="checkbox"/> I am unable to attend but would like <input type="checkbox"/> copies of proceedings (includes postage) (\$55 each posted after the event)			\$ _____
Total			\$ <input style="width: 100px;" type="text"/>
			(GST inclusive)

Networking dinner (Supported by FMC & AGT) Free to face-to-face participants. No of participants:

Register for the livestream at <https://icanrural.com.au/updates.html>

Details for tax invoice and further correspondence:

Name: _____
Organisation: _____
Address: _____ Postcode: _____
Phone: _____ Mobile: _____
Email: _____
<input type="checkbox"/> I am not a participant (i.e. the above is for tax invoice/receipt only) OR <input type="checkbox"/> I am a participant

Participant details (fill in and tick)

Name	Email address	Mobile	Face to face		Network dinner
			Day 1	Day 2	
			<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"/>

* Day registration covers lunch, morning/afternoon tea & papers. Day registrants are welcome to attend the networking event on Tuesday 14 February 2023 at the Thirsty Crow. This free networking function is courtesy of FMC and AGT. You must be registered for the face-to-face event to attend the networking function.

Dietary requirements (include name):

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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: / CCV Number:

Card Holder (as on card): Signature of cardholder:

Cancellation policy

Registration fees will be refunded if you are unable to attend and we are advised two working days or more prior to the event.

Contact details

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