

# GRAINS RESEARCH UPDATE 2025



**Wagga Wagga, NSW**  
**Tuesday 11 & Wednesday 12 February**



# GRAINS RESEARCH UPDATE

# 2025



Charles Sturt University, Pine Gully Rd, Wagga Wagga, NSW 2650  
Convention Centre & Lecture Rooms (178 & 182)

## PROGRAM DAY 1 – TUESDAY 11 FEBRUARY

9.00am Registration, morning tea & trade displays

10.00am Welcome

GRDC

10.30am N cycling and loss pathways – what don't we know and insights and questions from preliminary data sets in a major new national project

Mike Bell (Uni of Qld)

11:05am Interactions between water & plant nutrition

Victor Sadras (SARDI)

11.40am Regional fungicide resistance and disease management update

Brad Baxter (NSW DPIRD)

12.20pm Lunch

1.20pm Concurrent session 1 – see concurrent sessions for details

3.05pm Afternoon tea

3.35pm Concurrent session 2 – See concurrent sessions for details

5.20pm Close

7:00pm Networking dinner & drinks – courtesy of AGT & Pioneer

## PROGRAM DAY 2 – WEDNESDAY 12 FEBRUARY

7:30am EARLY RISERS DISCUSSION

Glufosinate and Group 14 herbicides in double knocks – where do they fit in the farming system and how do we optimise performance?

Mitch Allen (Nufarm),  
Greg Condon (Grassroots  
Agronomy) & Eric Koetz (NSW  
DPIRD)

8:30am Concurrent session 3 – see concurrent sessions for details

10:15am Morning tea

10:45am Concurrent session 4 – see concurrent sessions for details

12:30pm Lunch

1:30pm Scaling up 10 years of farming systems research: The profit and practicality of increasing pulse crops at the whole farm level

Tony Swan (CSIRO)

2:10pm Panel discussion

Tony Swan (CSIRO),  
Greg Condon (Grassroots  
Agronomy) & John Stevenson  
(Warakirri Cropping)

2:40pm Close

### Concurrent sessions location

Location	Convention Centre (live streamed)	Graham Building Room 178	Graham Building Room 182
Day 1 – Session 1	Farming systems	Nutrition	Insects
Day 1 – Session 2	Nutrition	Farming systems	Insects
Day 2 – Session 3	Grain Automate	Soils	Phenology
Day 2 – Session 4	Soils	Grain Automate	Phenology



Wagga Wagga's 2-day GRDC Grains Research Update is one not to be missed for the Southern New South Wales and Northern Victorian grains industry. Come along to hear and discuss the latest grains research topics, share ideas and network with colleagues and friends.

## CONCURRENT SESSIONS – Day 1

FARMING SYSTEMS (SESSIONS 1 & 2)		
Session Time		Topic and Speaker(s)
1	2	
Live Stream		
1.20pm	3.35pm	Incidence and impact of sclerotinia in canola from double break strategies <i>Kurt Lindbeck (NSW DPIRD)</i>
1.50pm	4.05pm	Farming systems impact on soil biology, soil pathogens and system resilience <i>Gupta Vadakattu (CSIRO)</i>
2.20pm	4.35pm	Fabas – 4 years of trials; plant density, disease, sowing date, N fixation & variety <i>Rohan Brill (Brill Ag)</i>
2.50pm	5.05pm	Panel session <i>Kurt Lindbeck, Gupta Vadakattu &amp; Rohan Brill</i>

NUTRITION (SESSIONS 1 & 2)		
Session Time		Topic and Speaker(s)
1	2	
Live Stream		
1.20pm	3.35pm	Response of wheat, chickpea and canola to dual P fertiliser placement in SE Aust. <i>Shihab Uddin (NSW DPIRD) &amp; Olivia Brunton (CSIRO)</i>
1.50pm	4.05pm	N loss pathways – levers to mitigate loss <i>Mike Bell (Uni of Qld)</i>
2.20pm	4.35pm	Risk & reward of different N decisions – insights from farming system and RiskWi\$e research <i>James Hunt (Uni of Melb)</i>
2.45pm	5.00pm	Panel session <i>Shihab Uddin, Olivia Brunton, James Hunt &amp; Mike Bell</i>

INSECTS (SESSIONS 1 & 2)		
Session Time		Topic and Speaker(s)
1	2	
1.20pm	3.35pm	Turnip yellows virus and Green peach aphid in canola; yield losses and management options <i>Ben Congdon (DPIRD WA)</i>
1.50pm	4.05pm	Managing aphids in grains crops and understanding the rise of insecticide resistance <i>Evatt Chirgwin (Cesar Aust)</i>
2.20pm	4.35pm	Beneficials to aid pest control in grains – Grains beneficial toxicity table; parasitoid wasps for control of aphids in canola <i>Lilia Jenkins (Cesar Aust)</i>
2.50pm	5.05pm	Panel session <i>Ben Congdon, Evatt Chirgwin &amp; Lilia Jenkins</i>

## CONCURRENT SESSIONS – Day 2

GRAIN AUTOMATE (SESSIONS 3 & 4)		
Session Time		Topic and Speaker(s)
3	4	
Live Stream		
8.30am	10.45am	On farm autonomy – connectivity, robots and machinery <i>Tom Andrews (Connected Farms)</i>
9.00am	11.15am	The autonomous agronomist – automating data collection tasks for agros <i>Tim Neale (Data Farming)</i>
9.30am	11.45am	Technology to enable site-specific herbicide application or prescriptions <i>Alec Duffy (Syngenta)</i>
10.00am	12.15pm	Panel discussion <i>Tom Andrews, Tim Neale &amp; Alec Duffy</i>

SOILS (SESSIONS 3 & 4)		
Session Time		Topic and Speaker(s)
3	4	
Live Stream		
8.30am	10.45am	Subsoil amelioration on clay soils in South-Eastern Australia: where will it succeed? <i>Roger Armstrong (Vic Agriculture)</i>
9.00am	11.15am	Lime incorporation: cost/benefit from different approaches <i>Jason Condon (CSU)</i>
9.35am	11.50am	Lime response on acid, low rainfall, sandy soils of South-Western NSW <i>Albert Gorman (AgGrow)</i>
9.55am	12.10pm	Panel session <i>Roger Armstrong, Jason Condon &amp; Albert Gorman</i>

PHENOLOGY (SESSIONS 3 & 4)		
Session Time		Topic and Speaker(s)
3	4	
8.30am	10.45am	Crop Flowering Calculator – an online tool to optimise sowing date for wheat, barley and canola <i>Julianne Lilley (CSIRO)</i>
9.00am	11.15am	Can we use canopy management as a strategy to manage flowering date? <i>Rick Graham (NSW DPIRD)</i>
9.25am	11.40am	Optimising wheat phenology for late sowing options (PhD presentation) <i>Timothy Green (CSU)</i>
9.40am	11.55am	Rethinking flowering date in winter cereals – comparing flowering date risk in new wheat and barley varieties <i>Felicity Harris (CSU)</i>

### Live stream of the events

In addition to being run as a face-to-face Update, the Convention Centre sessions will be live streamed for online viewing.

Those who register for the live stream (free), receive a link to the live stream close to the event and a link to the online proceedings. Not all concurrent sessions will be run in the Convention Centre, so not all sessions will be live streamed. Please refer to above agenda.

To register for livestream sessions, please go to

<https://icanrural.com.au/updates.html>

(Agenda subject to change)

# GRAINS RESEARCH UPDATE

# 2025



## Wagga Wagga Registration Form

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



I would like to register\* \_\_\_\_\_ (number of people) for the following:

	Number of participants attending face-to-face*				Amount
	Standard registration (received by COB Fri 31 Jan 2025)		Late registration (received after Fri 31 Jan 2025)		
	Non grower	Grower	Non grower	Grower	
<b>Both days:</b> Tue 11 & Wed 12 Feb 2025	Cost: \$200 pp —	Cost: \$100 pp —	Cost: \$220 pp —	Cost: \$110 pp —	\$ _____
<b>Day 1:</b> Tuesday 11 February 2025	Cost: \$130 pp —	Cost: \$65 pp —	Cost: \$140 pp —	Cost: \$70 pp —	\$ _____
<b>Day 2:</b> Wednesday 12 February 2025	Cost: \$130 pp —	Cost: \$65 pp —	Cost: \$140 pp —	Cost: \$70 pp —	\$ _____
I would like _____ extra copies of the proceedings (collect at conference) (\$40 each)					\$ _____
I am unable to attend but would like _____ copies of proceedings (includes postage) (\$55 each, posted after the event)					\$ _____
				<b>Total (including GST)</b>	\$ <span style="border: 1px solid black; padding: 2px 20px;"></span>

**Networking dinner – Tuesday 11 February 2025** (Supported by AGT & Pioneer) No of participants: \_\_\_\_\_

\* Day registration covers lunch, morning/afternoon tea & proceedings. Day registrants are welcome to the networking event on Tuesday 11 February 2025. This is a free event, courtesy of sponsorship from AGT & Pioneer. You must be registered for the face-to-face event to attend the networking function.

### Details for tax invoice and further correspondence

Name: \_\_\_\_\_  I am not a participant (i.e. the above is for tax invoice/receipt only)  
 Organisation: \_\_\_\_\_ OR  I am a participant  
 Address: \_\_\_\_\_ Postcode: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_  
 Email: \_\_\_\_\_

### 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"/>

### Dietary requirements (include name):

**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 on the GRDC's website at [www.grdc.com.au](http://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

Independent Consultants Australia Network (ICAN) Pty. Ltd. ABN: 48 069 548 287  
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