

GOONDIWINDI
QLD

TUESDAY 30 &
WEDNESDAY 31
JULY 2024

GRAINS RESEARCH UPDATE

DRIVING PROFIT THROUGH RESEARCH



**Goondiwindi Waggamba Community Cultural Centre
26 Russell St, Goondiwindi QLD 4390**

'Goondi in July' is a two-day Grains Research Update with extra focus on summer crops and late season management of winter crop – plus a whole lot more!

Come to hear and discuss the latest grains research, share ideas and have a wonderful time with colleagues and friends.

Day 1 Program: Tuesday 30 July 2024

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	Opportunities for on-farm decision making and data management from high resolution earth observation satellites and drones – case studies	Tim Neale (DataFarming)
11:05 am	Connectivity & data access: management options in more remote locations – what's available now, known potential disruptors and risks of tech obsolescence	Tom Andrews (Connected Farms)
11:35 am	Mapping soil constraints in 3D for more informed decisions on soil water and constraints	Brendan Griffiths (PCT)
12:05 pm	Improving grain grower business resilience before, during and post drought. ARM online tools to assist on-farm decision making by enabling outcomes of different cropping scenarios to be compared	Keith Pembleton (USQ)
12:25 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 at O'Shea's Royal Hotel, 48 Marshall St	

Day 2 Program: Wednesday 31 July 2024

7:30–8:20am early risers session. Day sessions 8:30am start, finish at 3:15pm

Time	Topic	Speaker(s)
7:30 am	EARLY RISERS DISCUSSION SESSION Paddock selection for summer crop 2024/25 in the face of fallow residuals and glyphosate resistant weeds	Mark Congreve (ICAN) facilitating Jeff Werth (QDAF), Graham Charles (NSW DPI), Belinda Chase, Garry Onus (Nutrien Ag)
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	Fall armyworm impacts & thresholds in sorghum & maize - management options & guidance for 2024/25	Melina Miles (QDAF) & Joe Eyre (UQ)
2:05 pm	Why ethics will be important for agricultural professionals as the agtech sector develops	Elizabeth Read (AIA)
2:35 pm	Cereal rust & disease management update	Steven Simpfendorfer (NSW DPI)
3:15 pm	Close	

Location & timing of concurrent sessions

	Main auditorium (live streamed)	River Room	Training Centre
Day 1 – Session 1	Nutrition	Time for a pea?	Weeds
Day 1 – Session 2	Time for a pea?	Nutrition	Weeds
Day 2 – Session 3	Mungbeans	Crop protection	Optimising sorghum in western growing regions
Day 2 – Session 4	Crop protection	Mungbeans	Optimising sorghum in western growing regions

(Agenda subject to change)

Concurrent Sessions – DAY 1

Nutrition (Sessions 1 & 2)

Session Time		Topic and Speaker(s)
1	2	
1:15 pm	3:30 pm	Managing N risk in farming systems – implications of N banking and other strategies <i>Lindsay Bell (CSIRO)</i>
1:45 pm	4:00 pm	SmartFarm testing of 270 paddocks across 90 farms over 10 years to better understand soil health changes and implications for management <i>Jayne Gentry (QDAF)</i>
2:10 pm	4:25 pm	Impacts of long-term cropping on soil carbon <i>Meghan Barnard (UQ, PhD candidate)</i>
2:35 pm	4:50 pm	Formulating conventional fertilisers with waste materials to achieve benefits from the ratio of C:N; lower nitrous oxide emission, lower vulnerability to losses, and greater uptake efficiency <i>Matthew Redding (QDAF)</i>

Time for a pea? (Sessions 1 & 2)

Session Time		Topic and Speaker(s)
1	2 Live stream	
1:15 pm	3:30 pm	Managing Ascochyta blight in chickpeas – varietal genetics, increasing levels of pathogen virulence and new strategies to reduce inoculum loads <i>Ido Bar (Griffith University)</i>
1:40 pm	3:55 pm	Effect of soil water on flowering and pod-set in chickpea and implications for managing frost and heat stress <i>Yash Chauhan (QDAF)</i>
2:05 pm	4:20 pm	Pigeon pea performance in field trials and its prospects as a rotation crop in northern farming systems <i>Bruce Winter (QDAF)</i>
2:35 pm	4:50 pm	Keeping the insects out of pigeon pea - key pests and strategies <i>Trevor Volp (QDAF)</i>

Weeds (Sessions 1 & 2)

Session Time		Topic and Speaker(s)
1	2	
1:15 pm	3:30 pm	Optimising the performance of sensor sprayers – impacts of setup, nozzles, speed and system management <i>Jeremy Jones (Darling Downs Spray Tech) & Bill Gordon (ICAN)</i>
1:50 pm	4:05 pm	Managing weeds in cotton and grain systems, red flags for residuals and crop impacts, and efficacy and using glufosinate for double knocking <i>Jeff Werth (QDAF) & Graham Charles (NSW DPI)</i>
2:30 pm	4:45 pm	Manipulating sorghum agronomy to suppress summer grass weeds & Farming systems implications and lessons for weed management <i>Jeff Werth (QDAF)</i>

Concurrent Sessions – DAY 2

Mungbeans (Sessions 3 & 4)

Session Time		Topic and Speaker(s)
3 Live stream	4	
8:30 am	10:45 am	Mitigating mungbean risk – time of sowing, soil water and management <i>Kylie Wenham (UQ)</i>
8:55 am	11:10 am	Mungbean harvest management – swathing, desiccation & MRLs <i>Jayne Gentry (QDAF)</i>
9:20 am	11:35 am	New insight and tools to increase yield potential and reliability in mungbean <i>Shanice van Haeften (UQ, PhD candidate)</i>
9:45 am	12:00 pm	Managing powdery mildew in mungbean <i>Lisa Kelly (QDAF, PhD candidate)</i>

Crop protection (Sessions 3 & 4)

Session Time		Topic and Speaker(s)
3	4 Live stream	
8:30 am	10:45 am	Incidence of reduced sensitivity to DMI fungicides in barley net blotch in Qld – implications for management <i>Noel Knight (USQ)</i>
8:50 am	11:05 am	Rutherglen bug: risk forecasting and management - climate and canola as factors that impact risk in summer grain crops such as sorghum. <i>Zorica Duric (NSW DPI) & Hazel Parry (CSIRO)</i>
9:25 am	11:40 am	Using plant growth regulators to manage excessive growth in barley in the northern region <i>Matt Gardner (AMPS Research)</i>
9:50 am	12:05 pm	Root-lesion nematode tolerance, resistance ratings & selecting varieties to minimise losses. Wheat and mungbean yield impacts. <i>Jason Sheedy (USQ)</i>

Optimising sorghum in western growing regions (Session 3 & 4)

Session Time		Topic and Speaker(s)
3	4	
8:30 am	10:45 am	Designing crops bottom up: matching root systems to sites and seasonal conditions <i>Daniel Rodriguez (UQ) & Ken Haxen (Pioneer)</i>
8:55 am	11:10 am	Grain sorghum - an analysis of crop performance, row spacing, varietal traits, & seasonal risk in drier more westerly areas <i>Genevieve Durrington (UQ, PhD candidate)</i>
9:15 am	11:30 am	Optimising sorghum grain yield in western growing regions – a focus on nutrition and agronomy <i>Loretta Serafin (NSW DPI)</i>
9:55 am	12:10 pm	Panel discussion: How big is the yield gap in western regions and what needs to be done to address it? <i>Loretta Serafin (NSW DPI), Genevieve Durrington (UQ) Daniel Rodriguez (UQ) & Ken Haxen (Pioneer)</i>

Live stream of the event

The *Main auditorium* sessions at the Goondiwindi Update will be live streamed for online viewing. Those who register for the free live streams, will receive links to the live streams close to the event & a link to the online proceedings. Not all sessions will be live streamed. Please refer to above agenda. To register for livestream sessions please go to <https://www.icanrural.com.au/updates.html>

Registration Form



Register online at <https://www.icanrural.com.au> or complete & send the attached to ICAN.

If registering to attend this event face to face, a tax invoice will be issued on receipt of payment.

To register for any of the 1-day GRDC Grains Research Updates please go to <https://www.icanrural.com.au>

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

	Face-to-face* participation*	Face-to-face* participation*	Amount
	Standard registration (received by COB Tue 23 July 2024) Number of participants	Late registration (received after 23 July 2024) Number of participants	\$
Both days: Tue 30 & Wed 31 July 2024	Cost: \$200 pp <input type="checkbox"/>	Cost: \$220 pp <input type="checkbox"/>	\$ _____
Day 1: Tuesday 30 July 2024	Cost: \$130 pp <input type="checkbox"/>	Cost: \$140 pp <input type="checkbox"/>	\$ _____
Day 2: Wednesday 31 July 2024	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 update) (\$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 (GST inclusive)		\$

Networking dinner* – Tuesday 30 July 2024 Free to Update participants. Number of participants

Livestream: Proceedings will be made available electronically, (not hard copy), unless you elect to purchase a hard copy above and provide credit card details below. Register for livestream at <https://icanrural.com.au/updates.html>

* Day registration covers lunch, morning/afternoon tea & proceedings. Day registrants are welcome to attend the networking event on Tuesday 30 July 2024 at O’Shea’s Royal Hotel. You must be registered for the face-to-face event to attend the networking function.

Details for tax invoice and further correspondence:

Name: _____

Organisation: _____

Address: _____ Postcode: _____

Phone: _____ Mobile: _____

Email: _____

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

Participant details (fill in and tick relevant boxes)

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
- 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

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

Contact details

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