

# 2018 WAGGA WAGGA GRAINS RESEARCH UPDATE



## PROGRAM DAY 1 - FEBRUARY 13th

8.55 am	<b>Announcements</b>	<i>ORM</i>
9.00 am	<b>Welcome and GRDC update</b>	<i>GRDC representative</i>
9.20 am	<b>The pulsating pulse – expansion of high value pulse crops</b>	<i>Ron Storey, Pulse Australia</i>
9.55 am	<b>The future of the grains industry - a shared responsibility</b>	<i>Rohan Rainbow, Crop Protection Australia</i>
10.30 am	<b>Morning tea</b>	

### CONCURRENT SESSIONS (40 minutes including time for room change) (R = session to be repeated)

	Joyes Hall	Room 229/182	Room 229/178	SAVS Green Room
11.00 am	<b>Boosting productivity - closing the gap between potential grain yield and the soil's PAWC (R)</b> <i>John Stevenson, Nuffield Scholar</i>	<b>Driving increased competitiveness in cereals (R)</b> <i>Greg Rebetzke, CSIRO</i>	<b>Critical agronomy management points for optimal canola growth (R)</b> <i>Rohan Brill, NSW DPI</i>	<b>Nitrogen dynamics in modern cropping systems (R)</b> <i>Jeff Baldock, CSIRO</i>
11.40 am	<b>Getting the best from barley - new varieties, winter types and time of sowing</b> <i>Felicity Harris, NSW DPI</i>	<b>Canola - blackleg (R) management update</b> <i>Susie Sprague, CSIRO</i>	<b>Crown rot reduction through crop rotation and crop sequence (R)</b> <i>Brad Baxter, NSW DPI</i>	<b>'On the couch' session</b> <i>Ron Storey and Rohan Rainbow</i>
12.20 pm	<b>Weather and seasonal forecasting - science or fiction? (R)</b> <i>Dale Grey, Agriculture Victoria</i>	<b>Nitrogen dynamics in modern cropping systems</b> <i>Jeff Baldock, CSIRO</i>	<b>Inoculant survival on acid soils - latest knowledge (R)</b> <i>Ross Ballard, SARDI</i>	<b>Driving increased competitiveness in cereals</b> <i>Greg Rebetzke, CSIRO</i>
1.00 pm	<b>LUNCH</b>			
2.00 pm	<b>Herbicide and weed management - latest research (R)</b> <i>John Broster, CSU</i>	<b>Canola - blackleg management update</b> <i>Susie Sprague, CSIRO</i>	<b>Getting the best from barley - N fertiliser timing, grass weed competitiveness &amp; water regime varietal response</b> <i>David Burch, NSW DPI</i>	<b>Pulses growing in southern NSW (R)</b> <i>Mark Richards &amp; Kurt Lindbeck, NSW DPI; Peter Watt, Elders; &amp; Nigel Clark, Riverina Co-Op</i>
2.40 pm	<b>Mice - learning from 2017. Looking to 2018</b> <i>Steve Henry, CSIRO</i>	<b>Inoculant survival on acid soils - latest knowledge</b> <i>Ross Ballard, SARDI</i>	<b>Weather and seasonal forecasting - science or fiction?</b> <i>Dale Grey, Agriculture Victoria</i>	<b>Boosting productivity - closing the gap between potential grain and the soil's PAWC</b> <i>John Stevenson, Nuffield Scholar</i>
3.20 pm	<b>Critical agronomy management points for optimal canola growth</b> <i>Rohan Brill, NSW DPI</i>	<b>Herbicide and weed management - latest research</b> <i>John Broster, CSU</i>	<b>Pulses growing in southern NSW</b> <i>Mark Richards &amp; Kurt Lindbeck, NSW DPI; Peter Watt, Elders; &amp; Nigel Clark, Riverina Co-Op</i>	<b>Crown rot reduction through crop rotation and crop sequence</b> <i>Brad Baxter, NSW DPI</i>

Day 1 continued . . .

4.00 pm **AFTERNOON TEA**

4.30 pm **Frost effects on cereal species**

*Hayden Petty, NSW DPI (student)*

4.40 pm **The production and characterisation of value added pulse flakes**

*Stephen Cork, PhD student*

4.50 pm **Implications of robotics and autonomous vehicles for the grains industry**

*Mark Calleja,  
Australian Centre for Field Robotics*

5.30 pm **Close and evaluation**

6.00 pm **COMPLIMENTARY DRINKS AND NETWORKING DINNER AT THE THIRSTY CROW**

## PROGRAM DAY 2 - FEBRUARY 14th

**CONCURRENT SESSIONS** (40 minutes including time for room change) (R = session to be repeated)

	Joyes Hall	Room 229/182	Room 229/178	SAVS Green Room
9.00 am	<b>Understanding the basis behind the yield gap - national paddock data (R)</b> <i>Roger Lawes, CSIRO</i>	<b>Optimising grain yield potential of wheats - agronomy update (R)</b> <i>Felicity Harris, NSW DPI</i>	<b>The status of cereal fungicide effectiveness (R)</b> <i>Nick Poole, FAR Australia</i>	<b>Insects, resistance and control (R)</b> <i>Paul Umina, cesar</i>
9.40 am	<b>The effects of stubble on nitrogen tie up and supply (R)</b> <i>John Kirkegaard, CSIRO</i>	<b>Detection and monitoring of cabbage aphids in dryland canola (R)</b> <i>Dustin Severtson, WA DPIRD</i>	<b>Refining nitrogen placement and timing for cereals (R)</b> <i>Graeme Sandra, NSW DPI</i>	<b>Improving wheat yield in hostile soils (R)</b> <i>Ehsan Tavakkoli, NSW DPI</i>
10.20 am	<b>MORNING TEA</b>			
10.50 am	<b>Labels and plantbacks - what you need to know going into 2018 (R)</b> <i>Richard Holzknacht, GRDC</i>	<b>Improving productivity on low fertility (sandy) soils (R)</b> <i>Barry Haskins, Ag Grow Agronomy</i>	<b>Understanding the basis behind the yield gap - national paddock data</b> <i>Roger Lawes, CSIRO</i>	<b>Improving wheat yield in hostile soils</b> <i>Ehsan Tavakkoli, NSW DPI</i>
11.30 am	<b>Detection and monitoring of cabbage aphids in dryland canola</b> <i>Dustin Severtson, WA DPIRD</i>	<b>Optimising grain yield potential of wheats - agronomy update</b> <i>Felicity Harris, NSW DPI</i>	<b>Refining nitrogen placement and timing for cereals</b> <i>Graeme Sandra, NSW DPI</i>	<b>'On the couch' session</b> <i>Paul Umina, cesar</i>
12.10 pm	<b>The effects of stubble on nitrogen tie up and supply</b> <i>John Kirkegaard, CSIRO</i>	<b>Improving productivity on low fertility (sandy) soils</b> <i>Barry Haskins, Ag Grow Agronomy</i>	<b>Labels and plantbacks - what you need to know going into 2018</b> <i>Richard Holzknacht, GRDC</i>	<b>The status of cereal fungicide effectiveness</b> <i>Nick Poole, FAR Australia</i>
12.50 pm	<b>LUNCH</b>			
1.30 pm	<b>How to keep yourself at peak performance</b>		<i>Mark McKeon, MMA Team Pty Ltd</i>	
2.10 pm	<b>Herbicide resistance - where we are, where we are going and what can we do about it</b>		<i>Chris Preston, The University of Adelaide</i>	
2.50 pm	<b>CLOSE AND EVALUATION</b>			



On Twitter? Follow @GRDCUpdateNorth and use the hashtag #GRDCUpdates to share key messages



**GRDC**

GRAINS RESEARCH & DEVELOPMENT CORPORATION