

2020 WAGGA WAGGA GRAINS RESEARCH UPDATE



PROGRAM DAY 1 - FEBRUARY 18th

8.55 am	Announcements	<i>ORM</i>
9.00 am	Welcome and GRDC update	<i>GRDC representative</i>
9.20 am	Is sustainable intensification of cropping systems achievable?	<i>Tim Reeves, University of Melbourne</i>
9.55 am	New herbicides - the best integration to prolong their impact	<i>Roberto Busi, AHRI</i>
10.30 am	Morning tea	

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

	Joyes Hall	Bangayarra Rm (B 151)	Indyamarra Rm (A 152)	SAVS Green Room
11.05 am	Canola roots and water use - big is not always best (R) <i>John Kirkegaard, CSIRO</i>	Seasonal factors that drive Russian Wheat Aphid occurrence (R) <i>James Maino, cesar</i>	Practical opportunities to leverage existing on- & off-farm data layers to support decision making (R) <i>Brett Whelan, The University of Sydney</i>	Cover crops and their impacts on the farming system - what does the local data suggest? (R) <i>Col McMaster, NSW DPI</i>
11.45 am	Drivers of yield stability in wheat and barley - picking a winner in variable seasons (R) <i>Felicity Harris, NSW DPI</i>	Earwigs - an appetite for destruction or are they beneficial? (R) <i>Matt Binns, CSIRO</i>	Implications of continuing dry conditions on cereal disease management (R) <i>Steven Simpfendorfer, NSW DPI</i>	On the couch with Roberto Busi & Tim Reeves
12.25 pm	Long term legacy effects of grain crops versus hay (R) <i>Graeme Sandral, NSW DPI</i>	Pulse adaptation - optimising grain yields of chickpea and lentils (R) <i>Mark Richards, NSW DPI</i>	Seasonal factors that drive Russian Wheat Aphid occurrence <i>James Maino, cesar</i>	Cover crops and their impacts on the farming system - what does the local data suggest? <i>Col McMaster, NSW DPI</i>
1.00 pm	LUNCH			
2.00 pm	Plant breeding tactics to deal with a drying climate <i>Greg Rebetzke, CSIRO</i>	Practical opportunities to leverage existing on- & off-farm data layers to support decision making <i>Brett Whelan, The University of Sydney</i>	Harvest front systems and their impact on the microclimate of crop stubble (R) <i>John Broster, Charles Sturt University</i>	Long term legacy effects of grain crops versus hay <i>Graeme Sandral, NSW DPI</i>
2.40 pm	It's not all about lime - management strategies to improve nodulation and N fixation <i>Helen Burns, NSW DPI</i>	Earwigs - an appetite for destruction or are they beneficial? <i>Matt Binns, CSIRO</i>	Pulse adaptation - optimising grain yields of chickpea and lentils <i>Mark Richards, NSW DPI</i>	Drivers of yield stability in wheat and barley - picking a winner in variable seasons <i>Felicity Harris, NSW DPI</i>
3.20 pm	Implication of continuing dry conditions on cereal disease management <i>Steven Simpfendorfer, NSW DPI</i>	Harvest front systems and their impact on the microclimate of crop stubble <i>John Broster, Charles Sturt University</i>	Canola roots and water use - big is not always best <i>John Kirkegaard, CSIRO</i>	Plant breeding tactics to deal with a drying climate <i>Richard Trethowan, University of Sydney</i>

Day 1 continued . . .

- 3.55 pm **AFTERNOON TEA**
- 4.25 pm **Interaction of soil pH and sulfonylurea herbicide degradation on legume growth** *Anne-Maree Farley*
- 4.35 pm **The amelioration of subsurface acidity stratification by contrasting liming methods** *Tom Price*
- 4.45 pm **Predicted climate change impacts on southern NSW farming systems & how we should act** *Peter Hayman, SARDI*
- 5.25 pm **COMPLIMENTARY DRINKS & FINGER FOOD AT THE THIRSTY CROW**

PROGRAM DAY 2 - FEBRUARY 19th

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

	Joyes Hall	Bangayarra Rm (B 151)	Indyamarra Rm (A 152)	SAVS Green Room
9.00 am	High yielding canola agronomy - management for 5t/ha canola (R) <i>Rohan Brill, NSW DPI</i>	Nitrogen budgeting and carry-over (R) <i>Graeme Sandral, NSW DPI</i>	Doing pest management differently (R) <i>Melina Miles, DAF Qld</i>	Oaten hay's fit in the sNSW cropping system (R) <i>Peter Matthews, NSW DPI</i>
9.40 am	Soil amelioration - magnitude of crop productivity improvements on hostile subsoils? (R) <i>Shihab Uddin, NSW DPI</i>	The continuing evolution of HWSC systems (R) <i>Mike Walsh, University of Sydney</i>	On the couch with Keith Norman	Understanding temperature impacts on crop growth drivers (R) <i>Victor Sadras, SARDI</i>
10.20 am	MORNING TEA			
10.50 am	Use of chemicals and residues arising <i>Richard Holzknacht, GRDC</i>	Nitrogen budgeting and carry-over <i>Graeme Sandral, NSW DPI</i>	Aphid and insecticide resistance management in oilseed and pulse crops (R) <i>Marielle Babineau</i>	Oaten hay's fit in the sNSW cropping system <i>Peter Matthews, NSW DPI</i>
11.30 am	Stem elongation frost damage in cereals in southern NSW <i>Danielle Malcolm, NSW DPI</i>	Understanding temperature impacts on crop growth drivers <i>Victor Sadras, SARDI</i>	Soil amelioration - magnitude of crop productivity improvements on hostile subsoils? <i>Shihab Uddin, NSW DPI</i>	Doing pest management differently <i>Melina Miles, DAF Qld</i>
12.10 pm	Rapid post-event frost damage assessment - can it be achieved? <i>Alexander Clancy and James Nuttall, Agriculture Victoria</i>	High yielding canola agronomy - management for 5t/ha canola <i>Rohan Brill, NSW DPI</i>	Aphid and insecticide resistance management in oilseed and pulse crops <i>Marielle Babineau</i>	The continuing evolution of the HWSC systems <i>Mike Walsh, University of Sydney</i>

12.45 pm **LUNCH**

- 1.25 pm **Hitting production targets in the UK amidst a highly regulated environment** *Keith Norman, Keith Norman Consultancy Ltd*
- 2.05 pm **Latest strategies in canola disease control** *Steve Marcroft, Marcroft Grains Pathology*

2.50 pm **CLOSE AND EVALUATION**



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