

GRDC SOUTHERN Grains Research Update Series

FEBRUARY 2022 LIVESTREAM PROGRAM

NB. All times are Australian Eastern Daylight Savings Time (AEDT).

Program Day 4 – Disease and pest update

Tuesday 22 February, 9am AEDT

Start time	Finish time	Topic	Presented by
9:00	9:05	Welcome/Introduction to day four	<i>GRDC Representative</i>
9:05	9:35	Powdery mildew in wheat - how to best manage	<i>Sam Trengove, Trengove Consulting</i>
9:35	10:05	Keeping fungicide resistance in check	<i>Tara Garrard, SARDI</i>
10:05	10:35	Canola diseases - key considerations for this season	<i>Steve Marcroft, Marcroft Grains Pathology</i>
10:35	11:05	Rust resistance - new pathotypes to be aware of	<i>Robert Park, University of Sydney</i>
11:05	11:20	<i>Morning Tea Break</i>	
11:20	11:50	Regionally based control measures for Septoria	<i>Grant Hollaway, Agriculture Victoria</i>
11:50	12:20	Is your blue green aphid strategy on target?	<i>Paul Umina, CESAR</i>
12:20	12:50	Minding the 'good guys' - impact of insecticides on key beneficial organisms	<i>Robert McDougall, CESAR</i>
12:50	13:20	Managing what is bugging you this season	<i>Lizzy Lowe, CESAR</i>
13:20	13:30	<i>Close and evaluation</i>	<i>GRDC Representative</i>

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Program Day 5 – Improved nutrition and soil management

Wednesday 23 February, 9am AEDT

Start time	Finish time	Topic	Presented by
9:00	9:05	Welcome/Introduction to day five	<i>GRDC Representative</i>
9:05	9:35	Protein mapping – getting more bang for your buck	<i>Edward Scott, Field Systems</i>
9:35	10:05	Long term Nitrogen management strategies: implications for productivity, profit and sustainability	<i>James Murray, Birchip Cropping Group</i>
10:05	10:35	An informed approach to phosphorus management	<i>Sean Mason, Agronomy Solutions</i>
10:35	10:50	<i>Morning Tea Break</i>	
10:50	11:20	Clearing your headspace and the lockdown blues	<i>Don Elgin, Australian athlete</i>
11:20	11:50	Liming & acidity - the economics of ‘rule of thumb’ applications	<i>Lisa Miller, Southern Farming Systems</i>
11:50	12:00	New knowledge & practices to address subsoil acidity	<i>Ruby Hume, University of Adelaide (PhD Candidate)</i>
12:00	12:30	Amelioration strategies for sandy soils - picking the best tool for your situation	<i>Therese McBeath, CSIRO</i>
12:30	12:40	<i>Close and evaluation</i>	<i>GRDC Representative</i>

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Program Day 6 – New technology & high rainfall zone agronomy

Thursday 24 February, 9am AEDT

Start time	Finish time	Topic	Presented by
9:00	9:05	Welcome/Introduction to day six	<i>GRDC Representative</i>
9:05	9:35	Canopy management for better yields	<i>Kenton Porker, FAR Australia</i>
9:35	10:05	Reducing the effects of waterlogging on yield	<i>Malcolm McCaskill, Agriculture Victoria</i>
10:05	10:15	Emerging research on water logging tolerance in barley varieties	<i>S M Nuruzzaman Manik, University of Tasmania (PhD candidate)</i>
10:15	10:45	An integrated approach to ryegrass control in higher rainfall environments	<i>Chris Preston, University of Adelaide</i>
10:45	11:00	<i>Morning Tea Break</i>	
11:00	11:10	Hyperspectral remote sensing & rapid assessing for wheat crops	<i>Andrew Longmire, University of Melbourne (PhD Candidate)</i>
11:10	11:40	Precision to decision – have we explored all the options? Lessons learned from the future farm project	<i>Brett Whelan, University of Sydney</i>
11:40	11:50	Use of remote and proximal sensing to guide yield predictions	<i>Ian Marang, University of Sydney (PhD Candidate)</i>
11:50	12:20	New technology and automation – what's on the horizon?	<i>Jacob Humpal, University of Southern Queensland</i>
12:20	12:30	<i>Close and evaluation</i>	<i>GRDC Representative</i>