

# 2021 ADELAIDE GRAINS RESEARCH UPDATE



## PROGRAM DAY 1 - FEBRUARY 9th

8.55 am **Announcements**

9.05 am **Extending the impact**

*Anthony Williams, GRDC*

9.25 am **Consolidating grains industry services and functions**

*Jonathan Wilson, Grains Australia Ltd*

9.45 am **Current market drivers and opportunities for Australian grain**

*Richard Simonaitis, AEGIC*

10.30 am **Morning tea**

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

	Hall C	Room E1	Room E2	Room E3
11.05 am	<b>The rise of glyphosate resistance (R)</b> <i>Peter Boutsalis, University of Adelaide; Plant Science Consulting</i>	<b>Insecticide resistance – lessons to be learnt (R)</b> <i>Paul Umina, cesar</i>	<b>Targeted amelioration in sandy soils to maximise crop water use (R)</b> <i>Lynne Macdonald, CSIRO</i>	<b>Know the new ‘lingo’ from the National Phenology Initiative</b> <i>Corinne Celestina, La Trobe University</i>
11.45 am	<b>Blackleg infection of canola – latest developments and yield impacts from foliar fungicide use (R)</b> <i>Steve Marcroft, Marcroft Grains Pathology</i>	<b>Measuring impact of inoculation with a new rhizobia testing tool (R)</b> <i>Ross Ballard, SARDI</i>	<b>The agronomic value of precision planting technologies</b> <i>Glenn McDonald, University of Adelaide</i>	<b>Maximising benefits from vetch in our farming systems (R)</b> <i>Stuart Nagel, SARDI</i>
12.25 pm	<b>Wins and tribulations of chaff lining as a weed reduction tool (R)</b> <i>Chris Davey, WeedSmart</i>	<b>Revised critical soil test values for key nutrients across different soil &amp; break crop types</b> <i>Nigel Wilhelm, SARDI</i>	<b>Insecticide resistance – lessons to be learnt</b> <i>Paul Umina, cesar</i>	<b>Improving lentil performance on sandy soils (R)</b> <i>Sam Trengove, Trengove Consulting</i>
1.00 pm	<b>LUNCH</b>			
2.00 pm	<b>Targeted amelioration in sandy soils to maximise crop water use</b> <i>Lynne Macdonald, CSIRO</i>	<b>Nitrogen fertiliser use efficiency rules of thumb put to the test (R)</b> <i>Roger Armstrong, Agriculture Victoria</i>	<b>Drivers of insect pressure and new management tools for troublesome insects (R)</b> <i>Rebecca Hamdorf, SARDI</i>	<b>Wins and tribulations of chaff lining as a weed reduction tool</b> <i>Chris Davey, WeedSmart</i>
2.40 pm	<b>Latest knowledge on treatment of soil acidification</b> <i>Brian Hughes, PIRSA</i>	<b>Improving lentil performance on sandy soils</b> <i>Sam Trengove, Trengove Consulting</i>	<b>Maximising benefits from vetch in our farming systems</b> <i>Stuart Nagel, SARDI</i>	<b>Blackleg infection of canola – latest developments and yield impacts from foliar fungicide use</b> <i>Steve Marcroft, Marcroft Grains Pathology</i>
3.20 pm	<b>Nitrogen fertiliser use efficiency rules of thumb put to the test</b> <i>Roger Armstrong, Agriculture Victoria</i>	<b>Drivers of insect pressure and new management tools for troublesome insects</b> <i>Rebecca Hamdorf, SARDI</i>	<b>Measuring impact of inoculation with a new rhizobia testing tool</b> <i>Ross Ballard, SARDI</i>	<b>The rise of glyphosate resistance</b> <i>Peter Boutsalis, University of Adelaide; Plant Science Consulting</i>

Day 1 continued . . .

3.55 pm **AFTERNOON TEA**

4.25 pm **GrainInnovate - innovation through disruption**

*Fernando Felquer, GRDC; Rob Williams, Artesian; Andrew Bate, SwarmFarm; Marcus Kennedy, Telesense Aust and Marie Marion, FluroSat*

5.25 pm **COMPLIMENTARY DRINKS & FOOD IN TRADE DISPLAY AREA**

## PROGRAM DAY 2 - FEBRUARY 10th

8.15 am **EARLY RISERS: Enabling technologies**

*Tom Giles, GRDC and Tom Bishop, University of Sydney*

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

	Hall C	Room E1	Room E2	Room E3
9.00 am	<b>Achieving the big yields</b> <i>Eric Watson, Ashburton, NZ wheat grower &amp; Nick Poole, FAR Australia</i>	<b>The health report - pulse disease update (R)</b> <i>Sara Blake &amp; Blake Gontar, SARDI</i>	<b>Phosphorus application recommendations based on soil characterised zones and testing - does it pay? (R)</b> <i>Sean Mason, Agronomy Solutions</i>	<b>Reducing input costs without compromising pulse production potential (R)</b> <i>Sarah Day, SARDI</i>
9.40 am		<b>To spray or not to spray – what does the Russian Wheat Aphid threshold calculator advise? (R)</b> <i>Maarten Van Helden, SARDI</i>	<b>Frost mapping – a future management tool</b> <i>Uday Nidumolu, CSIRO</i>	<b>Cereal disease wrap up (R)</b> <i>Tara Garrad, SARDI &amp; Sam Trengove, Trengove Consulting</i>
10.20 am	<b>MORNING TEA</b>			
10.50 am	<b>Novel agronomy strategies for improving yield (R)</b> <i>Kenton Parker, SARDI</i>	<b>Integration of non-chemical tactics to improve brome grass management (R)</b> <i>Gurjeet Gill, The University of Adelaide</i>	<b>Latest management tactics for snail control</b> <i>Kym Perry, SARDI</i>	<b>Reducing input costs without compromising pulse production potential</b> <i>Sarah Day, SARDI</i>
11.30 am	<b>GM technology - farming system learnings from WA</b> <i>Geoff Fosbery, Farm Focus Consultants</i>	<b>Phosphorus application recommendations based on soil characterised zones and testing - does it pay?</b> <i>Sean Mason, Agronomy Solutions</i>	<b>The health report - pulse disease update</b> <i>Sara Blake &amp; Blake Gontar, SARDI</i>	<b>Cereal disease wrap up</b> <i>Tara Garrad, SARDI &amp; Sam Trengove, Trengove Consulting</i>
12.10 pm	<b>To spray or not to spray – what does the Russian Wheat Aphid threshold calculator advise?</b> <i>Maarten Van Helden, SARDI</i>	<b>Integration of non-chemical tactics to improve brome grass management</b> <i>Gurjeet Gill, The University of Adelaide</i>	<b>Use of chemicals and residues arising - impact, understanding and potential trade issues</b> <i>Gerard McMullen, National Working Party on Grain Protection</i>	<b>Novel agronomy strategies for improving yield</b> <i>Kenton Parker, SARDI</i>

12.50 pm **LUNCH**

1.30 pm **Keeping the glyphosate option - the state of play**

*Katie Asplin, CropLife Australia*

2.10 pm **Herbicide forum - experiences fitting the new chemistries into the farming system**

*Chris Preston, The University of Adelaide; George Pedler, George Pedler AG; Jeff Braun, The Agronomist P/L and Scott Hutchings, Cox Rural Keith*

2.50 pm **CLOSE AND EVALUATION**



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