

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	The rise of glyphosate resistance (R) <i>Peter Boutsalis, University of Adelaide; Plant Science Consulting</i>	Insecticide resistance – lessons to be learnt (R) <i>Paul Umina, cesar</i>	Targeted amelioration in sandy soils to maximise crop water use (R) <i>Lynne Macdonald, CSIRO</i>	Know the new ‘lingo’ from the National Phenology Initiative <i>Corinne Celestina, La Trobe University</i>
11.45 am	Blackleg infection of canola – latest developments and yield impacts from foliar fungicide use (R) <i>Steve Marcroft, Marcroft Grains Pathology</i>	Measuring impact of inoculation with a new rhizobia testing tool (R) <i>Ross Ballard, SARDI</i>	The agronomic value of precision planting technologies <i>Glenn McDonald, University of Adelaide</i>	Maximising benefits from vetch in our farming systems (R) <i>Stuart Nagel, SARDI</i>
12.25 pm	Wins and tribulations of chaff lining as a weed reduction tool (R) <i>Chris Davey, WeedSmart</i>	Revised critical soil test values for key nutrients across different soil & break crop types <i>Nigel Wilhelm, SARDI</i>	Insecticide resistance – lessons to be learnt <i>Paul Umina, cesar</i>	Improving lentil performance on sandy soils (R) <i>Sam Trengove, Trengove Consulting</i>
1.00 pm	LUNCH			
2.00 pm	Targeted amelioration in sandy soils to maximise crop water use <i>Lynne Macdonald, CSIRO</i>	Nitrogen fertiliser use efficiency rules of thumb put to the test (R) <i>Roger Armstrong, Agriculture Victoria</i>	Drivers of insect pressure and new management tools for troublesome insects (R) <i>Rebecca Hamdorf, SARDI</i>	Wins and tribulations of chaff lining as a weed reduction tool <i>Chris Davey, WeedSmart</i>
2.40 pm	Latest knowledge on treatment of soil acidification <i>Brian Hughes, PIRSA</i>	Improving lentil performance on sandy soils <i>Sam Trengove, Trengove Consulting</i>	Maximising benefits from vetch in our farming systems <i>Stuart Nagel, SARDI</i>	Blackleg infection of canola – latest developments and yield impacts from foliar fungicide use <i>Steve Marcroft, Marcroft Grains Pathology</i>
3.20 pm	Nitrogen fertiliser use efficiency rules of thumb put to the test <i>Roger Armstrong, Agriculture Victoria</i>	Drivers of insect pressure and new management tools for troublesome insects <i>Rebecca Hamdorf, SARDI</i>	Measuring impact of inoculation with a new rhizobia testing tool <i>Ross Ballard, SARDI</i>	The rise of glyphosate resistance <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	Achieving the big yields <i>Eric Watson, Ashburton, NZ wheat grower & Nick Poole, FAR Australia</i>	The health report - pulse disease update (R) <i>Sara Blake & Blake Gontar, SARDI</i>	Phosphorus application recommendations based on soil characterised zones and testing - does it pay? (R) <i>Sean Mason, Agronomy Solutions</i>	Reducing input costs without compromising pulse production potential (R) <i>Sarah Day, SARDI</i>
9.40 am		To spray or not to spray – what does the Russian Wheat Aphid threshold calculator advise? (R) <i>Maarten Van Helden, SARDI</i>	Frost mapping – a future management tool <i>Uday Nidumolu, CSIRO</i>	Cereal disease wrap up (R) <i>Tara Garrad, SARDI & Sam Trengove, Trengove Consulting</i>
10.20 am	MORNING TEA			
10.50 am	Novel agronomy strategies for improving yield (R) <i>Kenton Parker, SARDI</i>	Integration of non-chemical tactics to improve brome grass management (R) <i>Gurjeet Gill, The University of Adelaide</i>	Latest management tactics for snail control <i>Kym Perry, SARDI</i>	Reducing input costs without compromising pulse production potential <i>Sarah Day, SARDI</i>
11.30 am	GM technology - farming system learnings from WA <i>Geoff Fosbery, Farm Focus Consultants</i>	Phosphorus application recommendations based on soil characterised zones and testing - does it pay? <i>Sean Mason, Agronomy Solutions</i>	The health report - pulse disease update <i>Sara Blake & Blake Gontar, SARDI</i>	Cereal disease wrap up <i>Tara Garrad, SARDI & Sam Trengove, Trengove Consulting</i>
12.10 pm	To spray or not to spray – what does the Russian Wheat Aphid threshold calculator advise? <i>Maarten Van Helden, SARDI</i>	Integration of non-chemical tactics to improve brome grass management <i>Gurjeet Gill, The University of Adelaide</i>	Use of chemicals and residues arising - impact, understanding and potential trade issues <i>Gerard McMullen, National Working Party on Grain Protection</i>	Novel agronomy strategies for improving yield <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**



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



GRDC
GRAINS RESEARCH & DEVELOPMENT CORPORATION