

# 2020 BENDIGO GRAINS RESEARCH UPDATE



## PROGRAM DAY 1 - FEBRUARY 25th

8.55 am	<b>Announcements</b>	ORM
9.00 am	<b>Welcome and GRDC update</b>	GRDC representative
9.20 am	<b>A look into the future - capitalising on barley market opportunities</b>	Mary Raynes, AEGIC
10.00 am	<b>Understanding pre-emergent herbicide availability, selectivity and persistence</b>	Mark Congreve, ICAN
10.40 am	<b>Morning tea</b>	

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

	Auditorium	Dance Studio	Strategem Studio	Multipurpose Room
11.10 am	<b>Assessing the value in soil and plant testing (R)</b> <i>Harm van Rees, Cropfacts Pty Ltd</i>	<b>The risks and rewards of growing pulse crops in the LRZ (R)</b> <i>Michael Moodie, Frontier Farming Systems</i>	<b>Improving the outcomes of oaten hay in the rotation (R)</b> <i>Courtney Peirce, SARDI</i>	<b>The continuing evolution of HWSC options (R)</b> <i>Mike Walsh, University of Sydney</i>
11.50 am	<b>Better pastures, better crops - best management of pastures in a mixed farming system (R)</b> <i>Tim Condon, Delta Ag</i>	<b>Stubble and nutrient management to build soil carbon - challenges and opportunities</b> <i>BP Singh, NSW DPI</i>	<b>Management tweaks making a difference with canola and lentil establishment success rates (R)</b> <i>Glenn McDonald, University of Adelaide</i>	<b>Latest strategies in canola disease control (R)</b> <i>Steve Marcroft, Marcroft Grains Pathology</i>
12.30 pm	<b>2020 cereal disease update (R)</b> <i>Grant Hollaway and Mark McLean, Agriculture Victoria</i>	<b>Eye on active plant pests</b> <i>Rohan Kimber, SARDI</i>	<b>The risks and rewards of growing pulse crops in the LRZ</b> <i>Michael Moodie, Frontier Farming Systems</i>	<b>The continuing evolution of HWSC options</b> <i>Mike Walsh, University of Sydney</i>
1.10 pm	<b>LUNCH</b>			
2.10 pm	<b>Problem weeds - management to minimise impact (R)</b> <i>Gurjeet Gill, University of Adelaide</i>	<b>Improving the outcomes of oaten hay in the rotation</b> <i>Courtney Peirce, SARDI</i>	<b>Management tweaks making a difference with canola and lentil establishment success rates</b> <i>Glenn McDonald, University of Adelaide</i>	<b>2020 cereal disease update</b> <i>Grant Hollaway and Mark McLean, Agriculture Victoria</i>
2.50 pm	<b>Latest strategies in canola disease control</b> <i>Steve Marcroft, Marcroft Grains Pathology</i>	<b>Aphid and insecticide resistance management in oilseed and pulse crops</b> <i>Marielle Babineau, cesar</i>	<b>Better pastures, better crops - best management of pastures in a mixed farming system</b> <i>Tim Condon, Delta Ag</i>	<b>Biology of nitrogen release from pulses</b> <i>Gupta Vadakattu, CSIRO</i>
3.30 pm	<b>Insect pest control - are you advising for today or the future?</b> <i>Kelly Angel, BCG, Greg Toomey, Nutrien Ag Solutions and Craig Drum, Dagro</i>	<b>Problem weeds - management to minimise impact</b> <i>Gurjeet Gill, University of Adelaide</i>	<b>Assessing the value in soil and plant testing</b> <i>Harm van Rees, Cropfacts Pty Ltd</i>	<b>Latest research for improving management of snails</b> <i>Greg Baker, SARDI</i>

Day 1 continued . . .

- 4.10 pm **AFTERNOON TEA**
- 4.40 pm **Developing a nationally validated model to predict flowering time of wheat and barley** *Max Bloomfield, student*
- 4.50 pm **How will rising atmospheric CO<sub>2</sub> concentrations affect the uptake of phosphorus in crop species?** *James O'Sullivan, student*
- 5.00 pm **Biosecurity status update on the top 5 nasties** *Dale Grey, Agriculture Victoria*
- 5.10 pm **Hitting production targets in the UK amidst a highly regulated environment** *Keith Norman, Keith Norman Consultancy Ltd*
- 5.50 pm **COMPLIMENTARY DRINKS & FINGER FOOD IN THE TRADE DISPLAY AREA**

## PROGRAM DAY 2 - FEBRUARY 26th

8.15 am **EARLY RISERS: Everything you want to know and ask about crop diseases heading into 2020**

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

	Auditorium	Dance Studio	Strategem Studio	Multipurpose Room
9.00 am	<b>Canola roots and water use - big is not always best (R)</b> <i>John Kirkegaard, CSIRO</i>	<b>Estimating in-crop N mineralisation in current cropping systems (R)</b> <i>Katherine Dunsford, Agriculture Victoria</i>	<b>Spotlight on pulses (R)</b> <i>Jason Brand and Garry Rosewarne, Agriculture Victoria</i>	<b>Soil acidity - sampling and lime incorporation under review (R)</b> <i>Lisa Miller, SFS</i>
9.40 am	<b>Integrating new chemistries in the field (R)</b> <i>Chris Preston, University of Adelaide</i>	<b>The hows and whys for deep ripping sandy soils</b> <i>Michael Moodie, Frontier Farming Systems and Chris Saunders, University of SA</i>	<b>Earwigs - an appetite for destruction or are they beneficial?</b> <i>Matthew Binns, CSIRO</i>	<b>Rapid post-event frost damage assessment - can it be achieved? (R)</b> <i>James Nuttall and Eileen Perry, Agriculture Victoria</i>
10.20 am	<b>MORNING TEA</b>			
10.55 am	<b>High Rainfall Zone research forum: Addressing the yield gap - local hyper-yielding project Pulse agronomy trials in HRZ Canola yield improvement</b> <i>Jon Midwood, SFS, Keith Norman, Keith Norman Consultancy Ltd (UK), James Manson, SFS and John Kirkegaard, CSIRO</i>	<b>Deep ripping - does it work for all situations?</b> <i>Roger Armstrong, Agriculture Victoria</i>	<b>The health report: pulse disease update (R)</b> <i>Josh Fanning, Agriculture Victoria and Sara Blake, SARDI</i>	<b>Soil acidity - sampling and lime incorporation under review</b> <i>Lisa Miller, SFS</i>
11.35 am		<b>Estimating in-crop N mineralisation in current cropping systems</b> <i>Katherine Dunsford, Agriculture Victoria</i>	<b>Integrating new chemistries in the field</b> <i>Chris Preston, University of Adelaide</i>	<b>Rapid post-event frost damage assessment - can it be achieved?</b> <i>James Nuttall and Eileen Perry, Agriculture Victoria</i>
12.15 pm	<b>Use of chemicals and residues arising</b> <i>Gerard McMullen, National Working Party on Grain Protection</i>	<b>Canola roots and water use - big is not always best</b> <i>John Kirkegaard, CSIRO</i>	<b>The health report: pulse disease update</b> <i>Josh Fanning, Agriculture Victoria and Sara Blake, SARDI</i>	<b>Spotlight on pulses</b> <i>Jason Brand and Garry Rosewarne, Agriculture Victoria</i>
12.55 pm	<b>LUNCH</b>			
1.35 pm	<b>Food and diet trends affecting the grains industry</b>	<i>Sara Grafenauer, Grains and Legumes Nutrition Council</i>		
2.15 pm	<b>Breaking through the big yield constraints - where to next?</b>	<i>James Hunt, La Trobe University</i>		
2.50 pm	<b>CLOSE AND EVALUATION</b>			



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