

2023 BENDIGO GRAINS RESEARCH UPDATE



PROGRAM DAY 1 - FEBRUARY 21st

- 8:15 am **Registrations**
- 9:00 am **Welcome to country**
- 9:10 am **GRDC opening address**
- 9:25 am **Classification – a pathway to market access** *Megan Sheehy, Grains Australia*
- 9:50 am **Revisiting the levers to maximise wheat yield – an international perspective** *Allan Mayfield, Allan Mayfield Consulting*
- 10:20 am **GRDC Awards Presentation**
- 10:30 am **Morning tea**

CONCURRENT SESSIONS (40 minutes including time for room change)

	Auditorium	Dance studio	Strategem studio	Multi purpose room
10:50 am	Integrating new herbicides into the rotation <i>Chris Davey, WeedSmart, YPAG Agriservices</i>	Combating septoria, rust and other battles <i>Grant Hollaway & Hari Dadu, Agriculture Victoria</i>	Emerging research on PGRs in high yielding environments and the photo thermal quotient. <i>Kenton Parker, CSIRO</i>	Canola disease management <i>Steve Marcroft, Grains Pathology & Kurt Lindbeck, DPI NSW</i>
11:30 am	A seasonal update on the hyper yielding crops project <i>Darcy Warren, FAR Australia</i>	Integrating new herbicides into the rotation <i>Chris Davey, WeedSmart, YPAG Agriservices</i>	Emerging powdery mildew challenges <i>Sam Trengove, Trengove Consulting</i>	Digging Deeper – agronomic fundamentals forum - Nitrogen budgeting <i>James Hunt, University of Melbourne</i>
12:10 pm	Combating septoria, rust and other battles <i>Grant Hollaway & Hari Dadu, Agriculture Victoria</i>	Guidelines for batching and mixing new chemistry <i>Andrew Hewitt, University of Queensland</i>	The agronomics of pulses, implications of new varieties and herbicide tolerance traits. <i>Jason Brand, Agriculture Victoria</i>	Digging Deeper – agronomic fundamentals forum - Agronomic implications of crop growth stages <i>Dale Grey, Agriculture Victoria</i>
12:50 pm	LUNCH			
1:50 pm	Canola disease management <i>Steve Marcroft, Grains Pathology & Kurt Lindbeck, DPI NSW</i>	The development of a more effective zinc phosphide mouse bait <i>Steve Henry, CSIRO</i>	Emerging research on PGRs in high yielding environments and the photo thermal quotient. <i>Kenton Parker, CSIRO</i>	Testing the N Bank Theory across varying soil types <i>James Hunt, University of Melbourne</i>
2:30 pm	Emerging powdery mildew challenges <i>Sam Trengove, Trengove Consulting</i>	Guidelines for batching and mixing new chemistry <i>Andrew Hewitt, University of Queensland</i>	The development of a more effective zinc phosphide mouse bait <i>Steve Henry, CSIRO</i>	A seasonal update on the hyper yielding crops project <i>Darcy Warren, FAR Australia</i>
3:10 pm	Disease panel Q&A session: <i>Josh fanning, Grant Hollaway, Sam Trengove, Kurt Lindbeck, Steve Marcroft</i>	The agronomics of pulses, implications of new varieties and herbicide tolerance traits. <i>Jason Brand, Agriculture Victoria</i>	Tailoring subsoil amelioration to paddock zones <i>Daniel Hendrie, Agriculture Victoria</i>	Testing the N Bank Theory across varying soil types <i>James Hunt, University of Melbourne</i>

Day 1 continued ...

3:50 pm AFTERNOON TEA

4:20 pm **The impact of subsoil water on soil constraints and crop growth.**

Keshia Savage, PHD Candidate

4:30 pm **Designing legume root ideotypes for SE Australia**

Spencer Fan, PHD Candidate

4:40 pm **Maintaining a health mindset under pressure**

Kim Huckerby, The Wellbeing Affect

5:20 pm **DRINKS & FINGER FOOD IN TRADE DISPLAY AREA**

PROGRAM DAY 2 - FEBRUARY 22nd

8:15 am REGISTRATIONS

	Auditorium	Dance studio	Strategem studio	Multi purpose room
9:00 am	Pulse disease wrap and fungicide resistance status <i>Josh Fanning, Agriculture Victoria</i>	A resistance update on broadleaf weeds. <i>Peter Boutsalis, Plant Science Consulting</i>	Novel seed traits – An update on recent R & D <i>Greg Rebetzke, CSIRO</i>	Emerging Strategies for Long Term Weather Forecasting <i>Dale Grey, Agriculture Victoria</i>
9:40 am	Key messages & outputs from the frost learning centre <i>Mick Faulkner, Agrilink Agricultural Consultants</i>	Benchmarking attitudes to pest management and results of IPM demos on RLEM control <i>Paul Umina, CESAR</i>	Reducing the reliance on artificial fertilisers <i>Therese McBeath, CSIRO</i>	Soil amelioration – where will it pay dividends? <i>Roger Armstrong, Agriculture Victoria</i>

10:20 am MORNING TEA

10:50 am	Benchmarking attitudes to pest management and results of IPM demos on RLEM control <i>Paul Umina, CESAR</i>	Pulse disease wrap and fungicide resistance status <i>Josh Fanning, Agriculture Victoria</i>	Soil amelioration – where will it pay dividends? <i>Roger Armstrong, Agriculture Victoria</i>	Amelioration of sandy soils - the key profit levers <i>Therese McBeath, CSIRO</i>
11:30 am	Novel seed traits – An update on recent R & D <i>Greg Rebetzke, CSIRO</i>	Effectively mitigating yield losses following waterlogging <i>Greta Duff, Southern Farming Systems</i>	A resistance update on broadleaf weeds. <i>Peter Boutsalis, Plant Science Consulting</i>	Reducing the reliance on artificial fertilisers <i>Therese McBeath, CSIRO</i>
12:10 pm	Emerging Strategies for Long Term Weather Forecasting <i>Dale Grey, Agriculture Victoria</i>	Effectively mitigating yield losses following waterlogging <i>Greta Duff, Southern Farming Systems</i>	Key outputs and messages from the frost learning centre <i>Mick Faulkner, Agrilink Agricultural Consultants</i>	Amelioration of sandy soils - the key profit levers <i>Therese McBeath, CSIRO</i>

12:50 pm LUNCH

PLENARY SESSION :

1:50 pm **Can we survive without glyphosate? Lessons learned from Europe, Canada and Argentina**

Harm van Rees, Cropfacts

2:30 pm **The impact of soil characteristics & environmental factors on Reflex and Overwatch efficacy.**

Mark Congreve, ICAN

3:10 pm CLOSE