

2020 ADELAIDE GRAINS RESEARCH UPDATE



PROGRAM DAY 1 - FEBRUARY 11th

| | | |
|----------|--|-----------------------------|
| 8.55 am | Announcements | <i>ORM</i> |
| 9.00 am | Welcome and GRDC update | <i>GRDC representative</i> |
| 9.20 am | Australia's grain industry in 2030 - a look into the future | <i>Ross Kingwell, AEGIC</i> |
| 9.55 am | New herbicides - the best integration to prolong their impact | <i>Roberto Busi, AHRI</i> |
| 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 | Latest strategies in canola disease control (R) <i>Steve Marcroft, Marcroft Grains Pathology</i> | New pasture opportunities for low rainfall mixed farms (R) <i>Ross Ballard, SARDI</i> | The hows and whys for deep ripping sandy soils (R) <i>Brian Dzoma, SARDI</i> | A sensor-based approach to improved N decision making (R) <i>Rob Bramley, CSIRO</i> |
| 11.45 am | Frost mitigation - investigating agronomic options (R) <i>Mick Faulkner, Agrilink Agricultural Consultants</i> | The 10 key lessons from the Optimising Canola Profitability project (R) <i>Andrew Ware, EPAG Research</i> | Potassium and sulphur - the known knowns and the known unknowns (R) <i>Rob Norton, Norton Agronomic P/L</i> | Problem weeds - management to minimise impact (R) <i>Gurjeet Gill, University of Adelaide</i> |
| 12.25 pm | The health report: pulse disease update (R) <i>Mohsen Khani, Sara Blake and Blake Gontar, SARDI</i> | Use of chemicals and residues arising <i>Gerard McMullen, NWPGP</i> | New pasture opportunities for low rainfall mixed farms <i>Ross Ballard, SARDI</i> | A sensor-based approach to improved N decision making <i>Rob Bramley, CSIRO</i> |
| 1.00 pm | LUNCH | | | |
| 2.00 pm | New changes and future opportunities within NVT (R) <i>Rob Wheeler, GRDC</i> | The hows and whys for deep ripping sandy soils <i>Brian Dzoma, SARDI</i> | Break crop selection in low rainfall environments - one size does not fit all (R) <i>Sarah Day, SARDI</i> | The health report: pulse disease update <i>Mohsen Khani, Sara Blake and Blake Gontar, SARDI</i> |
| 2.40 pm | Problem weeds - management to minimise impact <i>Gurjeet Gill, University of Adelaide</i> | The 10 key lessons from the Optimising Canola Profitability project <i>Andrew Ware, EPAG Research</i> | On the couch with Roberto & Ross | Frost mitigation - investigating agronomic options <i>Mick Faulkner, Agrilink Agricultural Consultants</i> |
| 3.20 pm | Potassium and sulphur - the known knowns and the known unknowns <i>Rob Norton, Norton Agronomic P/L</i> | Break crop selection in low rainfall environments - one size does not fit all <i>Sarah Day, SARDI</i> | Latest strategies in canola disease control <i>Steve Marcroft, Marcroft Grains Pathology</i> | New changes and future opportunities within NVT <i>Rob Wheeler, GRDC</i> |

Day 1 continued . . .

3.55 pm **AFTERNOON TEA**

4.25 pm **Hyperspectral sensing for the prediction of nitrogen, water and salt content in wheat** *Brooke Bruning*

4.35 pm **Herbicide resistant common sowthistle and prickly lettuce: dispersal, seed biology and management considerations in lentils** *Alicia Merriam*

4.45 pm **International grain markets - long term trends** *Cheryl Kalisch Gordon, RaboResearch*

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

PROGRAM DAY 2 - FEBRUARY 12th

8.15 am **EARLY RISERS: Assessing the value in soil and plant testing** *Sean Mason, Agronomy Solutions*

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 | Seeder strategies for non-wetting soils (R) <i>Jack Desbiolles, University of South Australia</i> | New strategies to manipulate flowering date and yield (R) <i>Kenton Porker, SARDI</i> | Cereal disease wrap up (R) <i>Hugh Wallwork, SARDI</i> | Latest research for improving management of snails (R) <i>Helen Brodie, SARDI</i> |
| 9.40 am | Integrating new chemistries in the field <i>Chris Preston, University of Adelaide</i> | Spotlight on legume (R) <i>Penny Roberts, SARDI</i> | Rapid post-event frost damage assessment - can it be achieved? (R) <i>Glenn Fitzgerald and Audrey Delahunty, Agriculture Victoria</i> | Septoria - no longer only an issue for the high rainfall zone (R) <i>Andrew Milgate, NSW DPI</i> |
| 10.20 am | MORNING TEA | | | |
| 10.50 am | Soaks are seeping across SA - what can be done about it? (R) <i>Chris McDonough, Insight Extension for Agriculture</i> | Improving the heat tolerance of wheat <i>Rebecca Thistlethwaite, University of Sydney</i> | Septoria - no longer only an issue for the high rainfall zone <i>Andrew Milgate, NSW DPI</i> | Latest research for improving management of snails <i>Helen Brodie, SARDI</i> |
| 11.30 am | Spotlight on legumes <i>Penny Roberts, SARDI</i> | New strategies to manipulate flowering date and yield <i>Kenton Porker, SARDI</i> | Subsurface acidity - how far has the research advanced? <i>Melissa Fraser, PIRSA</i> | Cereal disease wrap up <i>Hugh Wallwork, SARDI</i> |
| 12.10 pm | Soaks are seeping across SA - what can be done about it? <i>Chris McDonough, Insight Extension for Agriculture</i> | Seeder strategies for non-wetting soils <i>Jack Desbiolles, University of South Australia</i> | Eye on active plant pests <i>Rohan Kimber, SARDI</i> | Rapid post-event frost damage assessment - can it be achieved? <i>Glenn Fitzgerald and Audrey Delahunty, Agriculture Victoria</i> |
| 12.50 pm | LUNCH | | | |
| 1.30 pm | Predicted climate change impacts on southern farming systems & how we should act | | | <i>Peter Hayman, SARDI</i> |
| 2.10 pm | What's the cost of HWSC for you? | | | <i>Pete Newman, AHRI</i> |
| 2.50 pm | CLOSE AND EVALUATION | | | |



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

