

2016 GRDC Grains Research Update, Perth

Program DAY 1 - Monday 29th February 2016

8.00 am	Registration & Coffee			
9.00 am	Plenary 1			
9.00 am	Peter Roberts, Chairman, GRDC Western Panel Welcome			
9.15 am	Kim Halbert, Deputy Chairman of GRDC Board and Peter Roberts, Chairman of GRDC Western Panel Seed of Light presentations and future directions for GRDC investments in grains R, D & E			
9.30 am	Keynote Speaker - Professor Andre Teixeira Innovation and why we need it			
10.15 am	Morning Tea			
10.45 am	Plenary 2			
10.45 am	Keynote Speaker - Robert Saik, AgrITrend, Canada Ten trends to affect agriculture in the next decade			
11.30 am	Andrew Weidemann, Paul O'Meehan and Brad Jones Presentations from three grain farmers on innovations of value to grain farming in Western Australia			
12.30 pm	Lunch			
1.30 pm	Session 1 - Crop Varieties	Session 2 - Soil & Nutrition	Session 3 - Weeds	Session 4 - Grains industry
	Steven Tillbrook, Kalyx Australia & Anandini Ganesalinga, CCDM Wheat National Variety Trial Results 2015	Stephen Davies, DAFWA New soil wetter and tillage approaches shine on repellent gravels and sands	Prof. Stephen Powles, AHRI Global snapshot of herbicide resistance and comparison with Australia	Nathan Cattle, NZX Profarmer Putting a dollar value on best practice grain selling
2.00 pm	10 Min Moving			
2.10 pm	Blakely Paynter, DAFWA Western Australian barley update: varieties and their interaction with management	James Easton, CSBP Acid soils - is gypsum part of the solution?	Assoc Prof. Christopher Preston, Uni of Adelaide, Managing Clethodim resistant ryegrass	Richard Riddle & David Stead Crop Manager - making sense of data to drive cropping programs in real time
2.40 pm	10 Min Moving			
2.50 pm	Matthew Davey, Kalyx Australia Canola National Variety Trial Results 2015	Dr Elizabeth Petersen, DAFWA Economic analysis of the impacts and management of subsoil constraints	Peter Newman, Planfarm/AHRI Mix and rotate herbicides – and if all else fails pull them by hand	Steve Jeffries, AGT How can plant breeding improve grower profitability
3.20 pm	Afternoon Tea			
3.50 pm	Session 5 - Soils & Nutrition	Session 6 - Farming Systems	Session 7 - Diseases	Session 8 - Grain industry
	Dr. Craig Scanlan, DAFWA The interaction between soil pH and phosphorus fertilizer is dynamic	Georgie Troup, DAFWA Oat agronomy update – achieving your yield and quality potential	Madeline Tucker, CCDM & Ciara Beard, DAFWA Foliar fungicide strategies for managing powdery mildew on wheat	Ben White & Josh Guimelli, Kondinin Group New machinery and equipment ideas from around the globe
4.20 pm	10 Min Moving			
4.30 pm	Dr. Louise Barton, UWA Where does the nitrogen go: Sources and sinks in Western Australia cropping soils?	Glenn McDonald, DAFWA Drought tolerance of wheat varieties	Andrea Hills, DAFWA Control options for STNB across WA farming systems	Prof. Ross Kingwell, AEGIC Is the Ukraine a steppe ahead?
5.00 pm	10 Min Moving			
5.10 pm	Dr. Paul Blackwell, DAFWA Deeper ripping and topsoil slotting for more profitable management of subsoil compaction and some other constraints; way to go?	Bill Campbell, Farnanco Practical tips for spray operation	Margaret Roper, CSIRO Broad spectrum suppression of wheat and canola fungal diseases by endophytic biocontrol agents	Peter Wilson, CEO Australian Milling Group Viable Growth in the Pulse Industry
5.40 to 7.30 pm	Networking Event sponsored by the CBH Group			

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Program DAY 2 - Tuesday 1st March 2016

7.15 am	GIWA Breakfast sponsored by AEGIC Future directions for the Australian Export Grains innovation Centre, CEO Richard Simonaitis				
8.45 am	15 Min Moving				
9.00 am	Session 9 - Farming Systems	Session 10 - Farming Systems	Session 11 - GRDC Backchat	Session 12 - Climate Adaptation	Session 13 - Pests & Diseases
	Roger Lawes, CSIRO Taking a long term view of crop rotation pays off	Bindi Isbister, DAFWA The changing options for compaction management in the West Australian wheatbelt	A question and answer session with GRDC	Dr. David Stephens, AEGIC South-west Western Australia is losing its Mediterranean climate	Svetlana Micic, DAFWA Reassessing canola yield loss to aphids
9.30 am	10 Min Moving				
9.40 am	Ken Flower, UWA Long-term effect of rotation, residue retention and rainfall on wheat crop performance	Liam Ryan, DAFWA Leveraging Twitter® for better engagement with research outcomes	A question and answer session with GRDC	James Fisher, Desiree Futures Economic analyses of cropping options in future climates	Dr. Robert Park, Uni of Sydney New cereal rust and implications for management
10.10 am	Morning Tea				
10.40 am	Session 14 - Weeds	Session 15 - Farming Systems	Session 16 - Tips for agronomists & grower groups	Session 17 - Agronomy	Session 18 - Pests & Diseases
	Convenor - Peter Newman, Planfarm/AHRI Summer weed management for moisture conservation	Brenda Shackley & Darsham Sharma, DAFWA What wheat for early and dry sowing in WA?	Convenor - Bill Moore, Elders Capacity Building workshop for agronomists and advisors	Heping Zhang, CSIRO Canola hybrids vs OPs; which one wins and where?	Rosalie McCauley & Jeff Russell, DAFWA The world's first Biosecurity Blitz (2015) - lessons learnt about reporting plant pests for the WA grains industry
11.10 am	10 Min Moving				
11.20 am	Summer weed management for moisture conservation - continued	Andrew Fletcher, CSIRO Why are WA farmers sowing earlier / dry sowing?	Capacity Building workshop for agronomists and advisors -continued	Jackie Bucat, DAFWA Can yield penalties from retaining hybrid TT seed be overcome by agronomy in low rainfall areas?	Svetlana Micic, DAFWA Stopping the menace - slugs, snails and resistant red legs!
11.50 am	Lunch				
1.00 pm	Plenary 3: New technology for the grains industry				
	1.00 pm Andrew Bate, SwarmFarm Robotics Swarm Farming				
	1.20 pm Bret Turpin, Autonomous Solutions, Utah, USA Autonomous farm machinery by 2020?				
	1.50 pm Peter Roberts, Chairman, GRDC Western Panel, Closing comments				
2.00 pm	10 Minutes Moving				
	Focus Sessions				
2.10 pm	Focus Session 1	Focus Session 2	Focus Session 3	Focus Session 4	
	New Age Machinery Convenor - Ben White, Kondinin Group	Fungal Diseases and Fungicide Resistance Convenor - Mark Gibberd, Centre for Crop Disease Management	Early sowing opportunities and managing frost risk Convenor - Michael Robertson, CSIRO & Bob Belford, GRDC National Frost Initiative	Pulse Workshop Convenor - Alan Meldrum, Pulse Australia	

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