

Time	Speaker	Topic
8.30	<i>Coffee / poster hanging</i>	
9.00	<i>Chair: Phil Davies</i>	Welcome
9.05	NSW Department of Primary Industries	Conference opening
9.15	Tom Giles	GRDC opening remarks
<b><i>Feed the farm: optimising pulse performance in diverse agro-ecological environments</i></b>		
<i>Chair: Tim Sutton</i>		
9.25	Vincent Vadez	Linking research disciplines for a more targeted and efficient breeding of legume cultivars for harsh farming environments.
10.15	Victor Sadras	Understanding and quantifying the drivers of seed yield in pulses.
10.45	<i>Morning tea / poster session: Crop physiology and trait development</i>	
<i>Chair: Jenny Davidson</i>		
11.15	Peter Hayman	Managing pulses in a variable and changing climate.
11.45	Jens Berger	Building the base: widening the genetic & adaptive diversity of chickpea.
12.00	Liz Farquharson	A report card on the N <sub>2</sub> -fixation of field pea in southern Australia.
12.15	Larn McMurray	Herbicide tolerance to enhance pulses contribution to the farming system.
12.30	Lunch	
<b><i>Application of molecular techniques for breeding efficiency</i></b>		
<i>Chair: Sagadevan Mundree</i>		
1.30	Tony Slater	Application of advanced technologies for pulse improvement through an initiative called PulseBio.
2.00	Rebecca Ford	Structure of the Australian chickpea ascochyta blight population and risk to resistant cultivars through pathogenic fungal adaptation.
2.30	Matthew Rodda	Validation and implementation of lentil molecular markers for boron tolerance and ascochyta blight resistance.
2.45	Murray Sharman	Detection methods for virus diseases of pulse crops in Australia.
3.00	Brett Williams	Tropical pulses for Queensland.
3.15	<i>Afternoon tea / poster session: Genomics and breeding technologies</i>	
<b><i>Phenotyping for biotic and abiotic stresses</i></b>		
<i>Chair: Chris Blanchard</i>		
3.45	Kirsty Owen	When good pulses turn bad: root-lesion nematodes in the northern grain region of Australia.
4.00	Audrey Delahunty	Screening for genotypic heat tolerance in lentil.
4.15	Rosalind Bueckert	Leaf and canopy traits for heat resistance in field pea.
4.30	Mark Norton	Stratified soil pH reduces faba bean nodulation and production potential.
4.45	Lachlan Lake	Negative association between chickpea response to competition and crop yield: phenotypic and genetic analysis.
5.00	Marty Wilson	Change management.
5.30	Close	

**Welcome Reception**

A welcome reception will be held in the Town Hall immediately following the conclusion of the day's proceedings and will include canapés and drinks.

Time	Speaker	Topic
8.30	<i>Coffee / poster viewing</i>	
	<b>Feed the world: harnessing breeding research to increase global pulse production</b>	
	<i>Chair: William Erskine</i>	
9.00	Bert Vandenberg	Flexibility in breeding to adapt to changing environmental and market conditions.
9.45	Jeff Paull	History and successes of Pulse Breeding Australia.
10.15	Rex Williams	Research innovations transform mungbeans into "moneybeans".
10.45	<i>Morning tea / poster session: Plant protection</i>	
	<i>Chair: Ali Bowman</i>	
11.15	Sam Gourley and Ted Knights	History and development of chickpea in the Northern Region.
11.45	Kristy Hobson	Developing medium to large seeded kabuli chickpeas with early maturity, improved yield and Ascochyta blight resistance for Australian growers.
12.00	Jason Brand	Opportunities for faba beans in the low rainfall zone Mallee.
12.15	Jon Clements	Yield progress and trait variation among Australian narrow leafed lupin cultivars from 1967 to 2016.
12.30	<i>Lunch and secondary student poster presentation</i>	
	<b>INTERNATIONAL YEAR OF PULSES</b>	
	<b>Examining the production, trade and consumption of pulses for a sustainable and healthy future.</b>	
	<i>Chair: Gavin Gibson</i>	
1.30	Tim McGreevy	IYP
2.00	Murad Al-Katib (Presented by Peter Wilson)	International pulse trade and impact of international trends on the Australian pulse industry.
2.30	Ron Story	Finger on the market pulse.
2.50	<i>Afternoon tea / poster session: Agronomy and GxE</i>	
	<i>Chair: Nick Goddard</i>	
3.20	Michelle Broom	Global food and nutrition trends driving pulse consumption.
3.40	Hannah Avery	Technical advantages of pulses in foods for nutritive value.
4.00	Darryl Bartelen	Pulses in sustainable farming systems.
4.15	Brad Coleman	System benefits of pulses in farming systems from a technical point of view.
4.30	<b>Marty Wilson - facilitator</b>	<b>Interactive forum with key conference participants</b>
	Feed the farm – feed the world: exploring Australia's role in lifting pulse production and demand beyond IYP 2016.	
5.15	Close	

## Conference Dinner – Sponsored by Department of Primary Industries

The conference dinner will be held at Tangaratta Vineyards, 340 Old Winton Road from 6.30pm. Buses will collect participants from their motels and transport them to the dinner venue. Conference Dinner will conclude at 10.30pm. The evening will be hosted by comedian Marty Wilson and will include the presentation of the 2016 Farrer Memorial Medal.



Department of  
Primary Industries



<b>Time</b>	<b>Activity</b>
7.45	Buses pick up from motels Indicate to organisers the location of your motel or make own way to Tamworth Agricultural Institute and take a bus for the remainder of the day.
8.30	<b><i>Tamworth Agricultural Institute - NSW DPI</i></b> Welcome – Guy McMullen (Centre Director) Chickpea pathology – Kevin Moore, Sean Bithell
9.30	Buses leave for Breeza
11.00	Morning tea
11.15	<b><i>Liverpool Plains Field Research Station – NSW DPI - Breeza</i></b> Faba Bean/Chickpea virus - Joop van Leur (20 mins) Faba Bean Rust - Bill Manning (20 mins)
12.15	Buses leaves for Nowley <b><i>E. J. Holtsbaum Research Station – University of Sydney, “Nowley”</i></b>
1.00	Packed lunch
1.15	Welcome & site management overview - Professor Richard Trethowan, The University of Sydney Rabobank - Field Day Sponsor's address
1.40	PBA Variety Launches Desi chickpea: PBA Seamer release Narrow leaf lupin: announcement of the new PBA eastern states variety Pulse Breeding Australia
2.10	Station talks - pick your own program, 4 choices from 6 stations 4 x 20 mins (15 + 5 mins) Chickpea plant growth regulators – Northern Grower Alliance (NGA) – Station 1 Lentil variety demonstration - Matthew Rodda – Station 2 Fieldpea variety demonstration - Garry Rosewarne, Angela Pattison – Station 3 Chickpea variety demonstration - Kristy Hobson – Station 4 Faba bean variety demonstration - Jeff Paull, Kedar Adhikari – Station 5 Pulse Agronomy and Farming systems - Andrew Verrell – Station 6
3.30	Speakers at stations, participants free range
3.50	On bus to next demonstration
4.00	Lupin variety demonstration – Mark Richards and Jon Clements – Station 7
4.15	Buses leave for Tamworth
5.45	Buses arrive in Tamworth and return participants to motels