

**Draft Programme: New Zealand Grassland Association Conference, 3-5 November 2015, Masterton**

Tuesday, 3 November 2015	
7:30 am to 8:30 am	Registration - Solway Park Hotel
8:30 a.m.	Opening Ceremonies: Farming into the Future: John Dalziel (Chair LOC): Sponsor AgResearch 
8:35 a.m.	Lyn Patterson Masterton Mayoral Address
8:40	1: Farming into the Future: Sponsor Dominion: Chair Warwick Lissamann 
8:45	Jamie Falloon The Wairarapa
9:05	Poppy Frater Livestock feed intake assumptions in decision support tools: A stocktake of the current science and assumptions used by livestock models
9:25	Derek Daniell How to optimise pasture production off uncultivable hill country
9:45	Jacqueline Rowarth Potential for anaerobic digestion of dairy farm effluent in New Zealand
10:05	Morning Tea
10:35	2: Technologies for Farming: Sponsor Ravensdown: Chair Warren King 
10:40	Ian Yule Mapping nutrient concentration in pasture using hyperspectral imaging
10:50	Jessica Roberts Active Light Sensing of Canopies in Pasture Management
11:00	Samuel Dennis Pasture Yield Mapping: Why & How. Results of a 3 year study
11:10	3: AgriBusiness: Sponsor PRCT: Chair Aaron Mickle 
11:15	Bryce Fausett An investigation into the true cost of maize silage
11:30	Graham Kerr A more quantitative approach to pasture renewal
11:40	Thomas MacDonald Measuring the comparative cost of environmental compliance for Waikato dairy farmers – a survey approach
11:50	John Rendel Valuing on farm investments
12:00	Finish
12:30	Board Buses for Field trip: Intensive Land Use: Sponsor Grasslanz 
	Irrigation: Sponsor -Hill Laboratories 
5.45-8. pm	Evening dinner: Sponsor Silver Fern Farms 

Tuesday, 3 November 2015, Agronomy Society	
10:35	Crop Production Systems: Chair Bruce Searle
10:40	TBC (Keynote talk) - Opportunities and challenges on the east coast: perspectives from a farmer and rural banker
11:00	Richard Chynoweth Trends in New Zealand herbage seed production
11:15	Emmanuel Chakwizira Measuring radiation interception of barley crops
11:30	Jim Gibbs Determining variation in yield assessments of fodder beet crops in NZ
11:45	Mike George Grain yield of winter wheat in response to sowing date and sowing rate

Wednesday, 4 November 2015	
7:30 a.m.	Registrations - Solway Park Hotel
8:30	Warwick Lissamann Presidential Address: Sponsor PGG Wrightson 
8:50	4: Forages for Animals: Sponsor Agricom: Chair Derrick Moot 
8:55	Doug McKenzie High performance sheep farming in the Wairarapa
9:10	Jim Gibbs A comparison of live weight gain of two groups of weaners of different entry live weight in an ad libitum fodder beet feeding system for finishing beef cattle
9:20	David Stevens Effects of fresh forage quality on feed intake and live weight gain of red deer in spring
9:25	Gerald Cosgrove Lamb performance on perennial ryegrass cultivars differing in water soluble carbohydrates
9:30	Clarence Stolte Dairy farming in the Wairarapa
9:45-10:15	Morning tea
10:15	5: Farming Systems Workshops: Sponsor AGMARDT: Chair Laurie Copland Choice of 3 of the following 6 papers 
	Lydia Cranston Animals on specialist pastures
	David Chapman/Aidan Ryegrass persistence: How do we know?
	Malcolm Macfarlane/Emily What can we expect from Plantain?
	Pierre Beukes/Clarence Getting more from pasture - where is the value?
	David Stevens/Matt Wyeth Where is the potential with hoggets?
	Alistair Black/Stuart Taylor Is there life after ryegrass?
12:10	Finish
12:30	Board Buses for Field trip:
13:20	Intensive Land Use: Sponsor - Beef + Lamb NZ 
15:00	Irrigation: Sponsor - Farmlands Co-operative 
16:45	Back at venue
17:45	NZGA AGM
19:00	Conference Dinner and Awards: Venue - Solway Park: Sponsor DairyNZ 

Wednesday, 4 November 2015, Agronomy Society	
8:50	Crop Production Systems: Chair Craig McGill
8:55	Bill Bussell A possible sustainable harvesting regime for Poroporo
9:10	Elin Arnaudin Management strategies to increase whole crop cereal silage yield
9:25	Alex Michel Measuring crop water balances

A review of herb and clover sward mixes for increased animal  
Variation in persistence of dry matter yield among New Zealand  
The role of plantain (*Plantago lanceolata*) on East Coast  
A value proposition for improved pasture management on New  
Hoggets on lucerne – a case study of potential benefits and  
Annual dry matter and sheep production of four dryland tall

Thursday, 5 November 2015

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8:30 **6a: Soil Science and the Environment: Sponsor Ballance Agrinutrients:**  
**Chair David Chapman**



- 8:35 Doug Edmeades Development of a controlled Release Nitrogen fertiliser
- 8:50 Bert Quin A field comparison of Granular urea and ONE-system® on two contrasting dairy farms under grazing
- 9:05 Ronaldo Vibart Pasture-tree systems: potential implications for animal performance and greenhouse gas emissions
- 9:20 Gina Lucci Can a deep-rooted spring crop recover winter-deposited nitrogen?
- 9:35 Terry Parminter Selecting farm practices and preparing farm plans to apply for land-use consents in the Manawatu-Wanganui region
- 9:50 John-Paul Praat The impact of a constructed wetland on a Wairarapa dairy farm

10:05 **Morning Tea**

**Keynote address: Levy Oration: Sponsor NZGA: Chair Warwick Lissamann**

10:35 a.m.



11:05 **7: Hot Topics: Sponsor DLF Seeds: Chair Graham Kerr**



- 11:10 Syd Easton Environment and ryegrass genetics – multi-environment trial of genomic selection training populations
- 11:30 Jessica O'Connor Identifying heterosis in perennial ryegrass
- 11:35 Grant Douglas Factors determining shrub abundance on uncultivable hill country
- 11:40 Jen Corkran Viability of endophyte in perennial ryegrass sown into a hot dry seed bed
- 11:45 Hollena Nori Dry matter yield and radiation use efficiency of autumn and winter sown annual clovers
- 11:50 David Stevens Potential impacts of different spring grazing strategies on sheep production
- 11:55 Mitchell Andrews Which rhizobia nodulate which legumes in New Zealand soils?
- 12:00 Gavin Ussher Sustainable perennial pastures in Northland

12:15 Questions

12:50 **Closing session NZGA President Invite to Timaru**

13:00 **Conference closes**

8:30 **6b: New Developments in Pastures: Sponsor Agriseeds: Chair David Stevens**



- Saman Berenji Lucerne dry matter and N-fixation, with or without lime and inoculant at Ashley Dene.
- Keith Widdup A comparison of New Zealand and overseas bred white clover cultivars under grazing in New Zealand
- Hollena Nori Seed development of annual clovers
- Dick Lucas Selecting sub clover cultivars for dryland pastures in New Zealand
- John Ford Grasslands Legacy- a new, large-leaved white clover cultivar with broad adaption
- Malcolm Macfarlane Effects of closing date on reseeding and hard seededness of Balansa, Gland, Persian and Arrowleaf clovers on East Coast dryland.

**Morning Tea**