

New Zealand Grassland Association Conference, 5-7 November 2014, Alexandra

Wednesday, 5 November 2014

7:30 am to 8:30 am **Registration - Cellar Door - 143 Centennial Ave**

8:30 a.m. **Opening Ceremonies: Vanessa Hore (Chair LOC): Sponsor AgResearch**



8:35 a.m. Tony Lepper, Central Otago Mayor **Welcome to Central Otago**

8:40 **1: A Land of Difference - Farming in Extremes: Sponsor Dominion Salt: Chair Warwick Lissamann**



8:45 Barrie Wills The Central Otago regional landscape
 9:05 Pat Garden Challenges to the local farmers
 9:25 David Anderson Plant and animal performance after the integration of lucerne grazing by merinos at Bog Roy Station, Otematata.
 9:45 Gavin Loxton Merino performance and feed value of Russell lupin at Sawdon station in the Mackenzie Basin

10:05 **Morning Tea**

10:35 **2: Dryland Farming: Sponsor Agricom: Chair Warren King**



10:40 Derrick Moot Yield and composition of lucerne stands in Central Otago after different winter grazing and weed control treatments.
 11:00 Chris Smith Maintenance fertiliser requirements for irrigated lucerne in Central Otago
 11:10 Ben Harvey Lucerne evaluation for South Island grazing
 11:20 Tom Maxwell Merino grazing preference for naturalised annual clovers versus sown clovers *Trifolium repens* and *Trifolium subterraneum*
 11:40 Session Finish

12:00 **Board Buses for Field trip: Legumes and dryland farming: Sponsor PGG Wrightson Seeds**



Hill country improvement: Sponsor Hill Laboratories



5.45-8.pm **Poolburn to Dinner: Sponsor Silver Fern Farms**



Thursday, 6 November 2014

7:30 a.m. **Registrations - Cellar Door - 143 Centennial Ave**

8:30 **Warwick Lissamann Presidential Address: Sponsor AgMardt**



9:00 **3: Dairy farming: Sponsor Dairy NZ: Chair Laurie Copland**



9:05 Jamie Haultain Rising plate meters estimate chicory and plantain biomass with similar accuracy to ryegrass-based pasture
 9:25 Sean McCarthy Opportunities to enhance pasture management on New Zealand dairy farms
 9:45 Grant Edwards Dry matter intake and body condition score change of dairy cows grazing on fodder beet, kale and kale-oat winter systems
 10:05 Cathal Wims Variation in the reproductive development of perennial ryegrass cultivars

10:25 to 10:50 am **Morning tea**

Thursday, 6 November 2014, Agronomy Society

7:30 a.m. **Registrations - Cellar Door**

9:00 **Crop Production Systems 1 - Forages and cereals**

9:05 Emmanuel Chakwizira Effects of timing of drought stress on grain yield of feed wheat

9:25 Jeff McCormick Biomass accumulation and recovery of dual-purpose crops in a dryland environment

9:45 Nicole Morris The effect of planting date on maize: silage yield and quality, and leaf production

10:05 Emmanuel Chakwizira The Ballance Agri-Nutrients brassica calculator - improvement of the turnip model





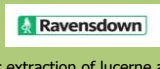
10:25 to 10:50 am **Morning tea**

Crop Production Systems 2 - Biofuels, seeds and pests

10:50	4: Answers for acid soils: Sponsor Ballance Agrinutrients: Chair David Stevens		10:50	Derrick Moot	Seed potato physiological age and crop establishment
10:55	Jim Moir	Medium-term soil pH and exchange response to liming at three high country locations	11:05	Richard Chynoweth	Reduced stem length increased perennial ryegrass seed yield
11:15	David Scott	The rise to dominance of <i>Lupinus polyphyllus</i> among pasture mixtures in the high-country tussock grassland.	11:20	Jeff McCormick	Cardinal temperatures and vernalisation requirements for a selection of vegetables for seed production
11:35	Derrick Moot	Yield and composition of perennial lupin pastures sown at different rates at Glenmore Station, Lake Tekapo	11:35	Huub Kerckhoffs	Methane production from biofuel crops grown in New Zealand
11:55	Travis Ryan-Salter	Identification and efficiency of rhizobia strains that nodulate <i>Lupinus polyphyllus</i>	11:50	Mike Wilson	Testing of high and low rates of two commercial slug baits under high and low simulated rainfall regimes
12:05	Video Introduction to the Field Day		12:05	Video Introduction to the Field Day	
12:15	Finish		12:15	Finish	
12:35	Board Buses for Field trip:				
13:20	Intensive Land Use: Sponsor - Agriseeds				
15:00	Irrigation: Sponsor - Farmlands				
16:45	Back at venue				
17:45	NZGA AGM		17:45	Agronomy Society AGM	
	Conference Dinner and Awards: Venue - Cellar Door:				
19:00	Sponsor - Silver Fern Farms				

Friday, 7 November 2014

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8:30	5a: Improving production with forage. Sponsor DLF Seeds: Chair David Chapman		8:30	5b: Improving Hill Country: Sponsor Beef + Lamb NZ: Chair Derrick Moot	
8:35	E Chakwizira	Water use efficiency of fodder beet crops	8:35	Grant Rennie	Improving summer/autumn feed quality in New Zealand hill country
8:55	Keith Widdup	Breeding progress with novel hybrid clovers for adaptation to marginal farming areas	8:55	David Stevens	Is nitrogen fertiliser a good alternative in tussock hill country?
9:15	Charlotte Westwood	Effect of timing of harvest on nutritive value and dry matter yield of four cultivars of kale (<i>Brassica oleracea</i> L. Var. <i>acephala</i>)	9:15	Katherine Tozer	Botanical composition and yield of newly established pastures in non-cultivable hill country
9:35	Gavin Milne	Performance of fodder beet cultivars in the South Island	9:35	Mike Dodd	The economics of transformation toward sustainable hill country: Whatawhata case study
9:55	Morning Tea		9:55	Morning Tea	
	Keynote address: Levy Oration: Sponsor NZGA: Chair Warwick Lissamann				
10:25 a.m.					
10:55	6a: Hot Topics: Sponsor Grasslanz: Chair Graham Kerr		10:55	6b: Our Environment: Sponsor Ravensdown: Chair David Stevens	
11:00	Gerald Cosgrove	The chemical composition of high sugar and control ryegrasses in grazed pastures at different latitudes throughout NZ	11:00	Alexandre Michel	The production and water extraction of lucerne and ryegrass under different irrigation frequencies on a shallow soil.
11:20	A Ghani	Agronomic assessment of gibberellic acid and cytokinin plant growth regulators with nitrogen for improving dry matter production and reducing the environmental footprint	11:20	Iris Vogeler	Deriving pasture growth patterns from land use capability classes to support land management planning
11:40	B. Maw	Elevated atmospheric CO ₂ alters flowering time of ryegrass cultivars	11:40	Shirley Nichols	Novel approaches to improving phosphorus use efficiency in pasture legumes
12:00	Alister Black	Responses of caucasian clover to superphosphate, lime and rhizobial inoculant at Lake Heron station	12:00	Jeff Morton	Potassium requirements for pasture on pumice soils
12:20	Closing session NZGA President Invite to Masterton				
12:30	Conference closes				