

Draft Programme: New Zealand Grassland Association Conference

Monday, 5 November 2018

Tuesday 6 November 2018

7:30 Registration Open - Twiwal Events Centre	Powhiri/Welcomes
8:30	8:40 Graham Kerr 8:45 Annabelle Sudell
8:50 Graham Smith, Mayor, Mackenzie District	LOC Chair welcome
9:00 Session 1: Balancing the Extremes - Living and Farming in the High Country. Sponsor: Ballance AgriNutra/Agria. Chair Graham Kerr	Civic welcome
9:05 Simon Cameron	Balancing the Extremes - a brief history of the Pukaki area
9:20 Bill Sutherland	Murto sheep of the South Island high-country: past, present and future
9:35 Randall Aspinall	Farming in a challenging physical and social environment
9:50 Bill Lee	Natural history features of the high country and drylands of the South Island, New Zealand
10:10 Discussion	
10:20 Morning Tea	
10:25 Keynote address. Simon Upton, Parliamentary Commissioner for the Environment. Sponsor: AgHerd.	
10:30 Chair Graham Kerr	
11:20 Session 2: Research, Farming and the High Country. Sponsor: AgResearch Chair: Warren King	
11:25 Bruce Allen	The story of Tara Hills High-Country Research Station
11:40 D.A. PELTZER	Ecology and consequences of invasion by non-native (wilding) conifers in New Zealand
11:55 John Candlish	Dr David Scott (1934-2017) - A retrospective, and thirty-six years (1981-2017) of Mt John pasture trials
12:10 Graham Kerr	The role of the NZGA in communicating science to the grassland industry: history, lessons and directions
12:20 Board Buses for Field trip: Simon's Hill and Braemar. Sponsor: Agricom. Facilitator: Aaron Moile	
17:30 BBQ at Tasman Downs. Sponsor: Alliance	

Wednesday, 7 November 2018

8:30 Levy Orator. Sponsor: NZGA	
9:00 Session 3a: Legume rich. Sponsor: AgriGenia. Chair: David Chapman	
9:05 Jim Huir	Effects of perennial (basal) lupins on soil nitrogen and carbon in acid high-country soils
9:20 Alanist Black	Dry matter yield of dryland and irrigated mixtures of Caucasian clover, white clover and perennial ryegrass over 5 years at Lincoln University
9:35 Carmen Tevora	Seed yield and subsequent emergence pattern of subterranean clover cultivars in response to summer rain
9:50 Saraya Olyan	Establishment, production and regeneration of sown annual clovers at Omarama Station, Mackenzie Basin
10:05 Morning tea	
10:30 Session 4: Land use change in the High Country. Sponsor: Grasslanz. Chair: Warren King.	
10:35 Ann Brewer	Agricultural intensification, ownership, and landscape change in the Mackenzie Basin
10:50 Eadith Donnell	A case for integrating Indigenous biodiversity into on-farm planning
11:05 Facilitated Discussion	
11:20 Jeff Holton	Soil aluminium toxicity in New Zealand pastoral farming - a review
11:25 D.L. HENDRIE, J.L. MOIR, E.J. STEVEN, A.D. BLACK and D.J. MCKOT	Soil pH, exchangeable aluminium and legume yield responses to deep placed lime at Omarama Station
11:30 J.L. MOIR, D.J. MCKOT, A.E. WHITLEY, A.D. BLACK and D. HENDRIE	Soil acidity and aluminium in South Island high and hill country: New data and future needs
11:35 A.E. WHITLEY, P.C. ALMOND, J.L. MOIR, M. GIZNA BUCCI, J. NELSON and D.J. MCKOT	A field survey of soil pH and extractable aluminium in the Aikahuna Lakes Catchment, Canterbury, New Zealand
12:20 Board Buses for Field trip: Bog Roy and Omarama Station. Sponsor: Farmlands. Facilitator: Derrick Moot.	
17:00 Back at venue	
17:30 NZGA AGM	
19:00 Conference Dinner and Awards: Venue: Mackenzie Country Inn.	

Thursday, 8 November 2018

8:30 Graham Kerr	Presidential address
8:50 Session 6a: Persistence. Sponsor: HRV Laboratories. Chair: David Chapman	
8:55 M.B. DODD, D.F. CHAPMAN and G. OGLE	Regressing trends and drivers in the New Zealand dairy industry
9:10 Tom Maxwell	Persistence of ryegrass, tall fescue and cocksfoot following sequential annual sowing: pasture yield, composition and density in 3 establishment years under sheep grazing in Canterbury
9:25 M.B. DODD, D.F. CHAPMAN, C. LUDMANN, W. GRIFFITHS, K. TOZER and L. DONNELLY	The measurement of perennial ryegrass persistence
9:40 L.V. MERRIMATHINE, W. DONG, H. NIE, Y. YANG, L.F. LOPEZ and C. MATTHEW	Exploring the link between more negative atomic potential and nitrogen capture performance
9:55 S. BERENZI, A. MILLS, J.L. MOIR, K.H. POLLOCK, W. HURRAY, E. HARRISON and D.J. MCKOT	Dry matter yield of six legume species in response to lime over 3 years at Glenmore Station, Mackenzie Basin
10:10 Morning Tea	
10:35 Session 7: A Mixed Sward. Sponsor : DLF Seeds. Chair: Alistair Black	
10:40 Cameron Ludmann	Changes in estimated value of perennial ryegrass cultivar/ endophyte combinations in the DairyNZ Forage Value Index, where metabolizable energy contents specific to cultivar groups are included
10:50 Zac Beechey-Gratwell	High field perennial ryegrass growth under variable nitrogen, water and carbon dioxide supply
11:00 Katherine Toor	Controlling vegetated thrips in East Coast North Island hill country
11:10 Gerald Cosgrove	Metabolizable energy concentration in perennial ryegrass pastures: multi-site analysis of effects of cultivar, nitrogen fertilizer and white clover content
11:20 Alistair Black	Yield benefits of pasture mixtures with species drilled in the same and alternate rows
11:30 Derrick Moot	Emergence and control of gorse seedlings after the Port Hills fire
11:40 Brent Barrett	Developing new tools for pasture plant breeding
11:50 A.D. HACKETT, R. VIBART and C. MCKENZIE	Changes in soil carbon in hill country under contrasting phosphorus fertilizer and sheep stocking rate
12:15 Questions/Closing (Graham Kerr)	
12:20 Closing session NZGA President Invite to Napier	
12:30 Conference closes	

Draft Programme: Agronomy Society of New Zealand Conference

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9:20 Bill Sutherland	Murto sheep of the South Island high-country: past, present and future
9:35 Randall Aspinall	Farming in a challenging physical and social environment
9:50 W.G. Lee	Natural history features of the high country and drylands of the South Island, New Zealand
10:10 Discussion	
10:20 Morning Tea	
10:55 Keynote (30 minutes)	
11:20 Session 1: Agronomy Society: Chair Craig McGill	
11:25 Eadith Kraembah	A modelling approach to assessment and improvement of nitrogen management on New Zealand arable farms: a case study.
11:40 Arnoo Dawson	The effect of potassium fertilisation and timing on potassium uptake, grain yield and grain quality in a sorgho wheat cross.
11:55 Alexandre Michel	Wheat response to nitrogen under contrasting irrigation regimes
12:10 Emmanuel Chabalozwa	Potassium fertilizer requirements for fodder beet
12:30 Board Buses for Field trip: Simon's Hill and Braemar. Sponsor: Agricom. Facilitator: Aaron Moile	
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Wednesday, 7 November 2018

8:30 Levy Orator. Sponsor: NZGA	
9:00 Session 3b: Herbs, no spics. Sponsor: PGGWrightson Seeds. Chair Laurie Copland	
9:05 Lydia Cranston	An on-farm study of the herbage quality and sward characteristics of perennial clover mixes during late summer and autumn and resulting lamb growth rates
9:20 Lisa Box	The concentration of bioactive compounds in <i>Plantago lanceolata</i> is genotype specific
9:35 Nurkijaj Berah	Maintain silage quality under variable management practices
9:50 Glenn Judson	Specific genotypes of plantain (<i>Plantago lanceolata</i>) vary in their impact on sheep urine volume and nitrification in the urine patch
9:55 Joanna Drummond	Autumn sown wheat requires different fungicide sprays under irrigated and drained conditions
9:20 Estia Walker	Effects of seed treatments on germination and growth of maize in the field
9:35 Murray Lane	Helicopting - the role of nitrogen and phosphorus in forage cropping with aerial no-till
9:50 Rosendo Cichota	Simulating diverse outcomes with new forage models in APSIM
10:05 Morning tea	
10:30 Session 3: Agronomy Society: Chair Robert Southward	
10:35 Gemma Parra	Thermal requirements for inflorescence emergence in oatland
10:50 Murray Craibhead	<i>Marronea Hirsutum</i> with subsoil in South Island high country
11:05 Phil Robson	Protease seed production: achieving 3000+ teha yields
11:20 Quentin Swaleswood	Impact of sowing plant densities on late industrial hemp cultivars grown in the Marlborough
11:35 Jian Liu	A test mixing analysis of proceedings of the New Zealand Agronomy Society 1977-2017 (some Natural Resources Processors)
12:20 Board Buses for Field trip: Bog Roy and Omarama Station. Sponsor: Farmlands. Facilitator: Derrick Moot.	
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8:30 Graham Kerr	Presidential address
8:50 Session 6b: Nitrogen. Sponsor: DairyNZ. Chair: Jo Kenilake	
8:55 John Candlish	A new winter active crop to improve soil nitrogen uptake
9:10 Parna Boukas	Exploring options to reduce nitrogen leaching while maintaining profitability within a Canterbury farm business comprising several distinct enterprises
9:25 Mark Shepherd	Ureic patch size and nitrogen load: effects on nitrogen uptake from the urine patch in plantain and ryegrass/white clover pastures
9:40 Ina Pivnerhuus	Comparing nitrogen management on dairy farms - Canterbury case studies
9:55 Brenden Makino	Potential of catch crops to reduce nitrogen leaching in New Zealand winter grazing systems
10:10 Morning Tea	
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