

NZGA Gisborne Conference Programme

Monday, 7 November 2011

4:30 pm to 6:30 pm Registration and Reception (wine and nibbles)

Tuesday, 8 November 2011

7:30 am to 8:30 am Registration

8:30 a.m. Opening Ceremonies: Graham Johnson (Chair LOC)

Karakia and Welcome

Local Speaker

8:55 **Learning from the past for the future:** Introductions and sponsor

9:00 **Opening address:** Issues challenges and opportunities in the Gisborne hill country
(Gavin Sheath)

9:25 10 years analysis of hill country farms in the Gisborne Wairoa District (*Hayes et al*)

9:45 Building rural capability through collaboration of Maori farm businesses (*T D White and G Sheath*)

10:00 to 10:30 am **Morning Tea**

10:30 **Resilience on the East Coast:** Introductions and Sponsor

10:35 Farming resilience in drought prone Hawkes Bay hill country (*D I Gray et al*)

10:50 Understanding the variability in sheep & beef farm profitability (*B Hawkins et al*)

11:05 Rural futures, how will we know we are ready? (*M E Wedderburn et al*)

11:20 *Questions*

11:25 **Keynote address:** Invited speaker (Rod Oram)

12:15 Lunch

13:15 **Board Buses (NZGA Field Tour)**

Travel to Field day: Wi Pere - Farming into our second century

stop 1 Welcome and Cash Cropping on the flats

stop 2 Kingi Smiler on Governance, Tim Rhodes on issues faced at Tangihanga

stop 3 View pasture damage - Pasture Persistence Symposium session (W King/ D Stevens/panel discussion) Depart 4.30pm.

5:00 pm to 8:00 pm **Evening Reception on route back from field day**

NZGA Gisborne Conference Programme

Wednesday, 9 November 2011

7:30 a.m.	Board Buses to Papatatu Station: Developing hill country for sustainability
9:00	Arrive at Papatatu Station, transfer to utes to cross ford, continue on utes up to back of farm.
9:45	Welcome and karakia (outdoor sound system)
9:55	Introductions and Sponsor
10:00	Papatatu - Farm overview (<i>Steve Perrett/Rob Hayes</i>)
10:25	Board utes back to woolshed
11:00 to 11:20 am	Morning tea
11:20	Farming for the future: Practical lessons. Introductions and sponsor
11:25	Papatatu - Farm challenges, strategies and governance (<i>Tom/Rob</i>)
11:55	Winter feeding – changing labour requirements and pasture productivity (<i>D R Stevens et al</i>)
12:10	Lamb diet preference (<i>A L Taylor and R A Moss</i>)
12:25 to 1:20 pm	Lunch (55mins)
1:20	Business models and carbon farming in hill country (<i>W Oliver</i>)
1:50	Poplars and willows in hill country - soils and carbon (<i>I McIvor</i>)
2:05	Increasing productivity from sustainable practices (<i>M Dodd</i>)
2:20	break
2:30	Pasture Quality Monitoring on Gisborne Wairoa Hill Country (<i>R Hayes et al</i>)
2:45	Long-term changes in soil fertility and pasture production under no, low and high phosphorus fertiliser inputs (<i>A Mackay</i>)
3:00	Discussion
3:05	Karakia
3:15	On utes to cross ford back to buses
3:25 to 3:35	Board buses
4:55 to 5:05	Arrive back at hotel
5:30	NZGA AGM (Quality Hotel Emerald Penthouse suite)
6:30	Conference Dinner (and NZGT Awards presentation)

NZGA Gisborne Conference Programme

Thursday, 10 November 2011

Quality Hotel Emerald

8:25	Forage for Farm Systems: Introductions and sponsor
8:30	Breakthroughs in Improving Red Clover for Persistence in Intensive Grazing Systems (<i>B A Barrett and J Ford</i>)
8:45	Using silage inoculants to improve the quality of pasture and maize silage in NZ (<i>J J Kleinmans et al</i>)
9:00	Impact of Improving a Dairy Farm System Using a Pasture Renewal Programme (<i>N R McLean</i>)
9:15	Validation of the Forage Brassica Calculator: A fertiliser forecasting system for forage brassica crops grown in New Zealand (<i>E Chakwizira</i>)
9:30	Effect of sowing rate of Italian ryegrass on pasture dry matter yield in a Kikuyu dominant sward (<i>K Wynn et al</i>)
9:45	Presidential address (<i>Anders Crofoot</i>)
10:05 to 10:30 am	Morning Tea
10:30	Pastures, Soils and Greenhouse gases: Introductions and Sponsor
10:35	Effect of biennial spelling of a high country moderate input mixed pasture (<i>D Scott</i>)
10:40	Tussocks and hill country nitrogen (<i>B Thompson and D R Stevens</i>)
10:45	Farm profitability, N leaching and GHG emissions (<i>D Smeaton et al</i>)
11:00	Clover Inoculation in New Zealand (<i>W Lowther and G Kerr</i>)
11:20	Validating Satellite Monitoring of Dairy Pastures in Canterbury with LUDF and commercial data (<i>G Mata</i>)
11:35	McRae Trust – a study of the issues around livestock GHG emissions and the implications for farmers (<i>A P Rhodes et al</i>)
11:50	The 'root' to more soil carbon under pastures (<i>M Dodd et al</i>)
12:05	Chair LOC Gore (intro and overview 5min)
12:15	Closing session NZGA President Invite to Gore
12:30	Conference closes

Agronomy Society Conference Programme

Monday, 7 November 2011

4:30 to 6:30 pm Registration and Reception (wine and nibbles)

Tuesday, 8 November 2011

7:30 to 8:30 am Registration

8:30 a.m. ASNZ will join with NZGA for opening session

10:00 to 10:30 am **Morning Tea (with NZGA)**

10:30 to 10:45 am Walk to ASNZ venue (BDO conference room)

10:45 Welcome by Bruce McKenzie (President ASNZ)

10:55 **Session 1: Forages (Session Chair: TBC)**

11:00 Direct drilled vs cultivation for establishing kale and effects on soil properties during winter grazing (*de Ruiter et al*)

11:15 Forage characteristics of sorghum, sorghum x sudan grass and pearl millet (*Millner et al*)

11:30 Dry matter response of swede crops to phosphorus (P) and nitrogen (N) application in Southland and Central North Island regions of New Zealand (*Chakwizira et al*)

11:45 Fodder beet revisited: A brief review of historical data and recent experience (*Matthew et al*)

12:00 Walk back to NZGA venue

12:15 Lunch

13:15 **Board Buses (NZGA Field Tour)**

Travel to Field day: Wi Pere - Farming into our second century

ASNZ will join with NZGA for field tour

5:00 pm to 8:00 pm **Evening Reception on route back from field day**

Agronomy Society Conference Programme

Wednesday, 9 November 2011

7:30 a.m. ASNZ will join with NZGA for field sessions

3:25 to 3:35 **Board buses**

4:55 to 5:05 Arrive back at hotel

5:30 **ASNZ AGM (BDO conference room)**

6:30 **Conference Dinner (and NZGT Awards presentation)**

Agronomy Society Conference Programme

Thursday, 10 November 2011

Lawson Field Theatre - Rose Room

8:25	Opening remarks
8:30	Guest speaker: Nick Pyke (CE, Foundation for Arable Research)
8:55	Session 2: Modelling (Session Chair: TBC)
9:00	Yield and quality of milling wheat in response to water deficit on a shallow soil (<i>Fletcher et al</i>)
9:15	Simulation of maize yield for contrasting North Island soils and climates using APSIM (<i>Teixeira et al</i>)
9:30	A Validation of APSIM Nitrogen Balance and Leaching Predictions (<i>Sharp et al</i>)
9:45	Does my potato crop need fertiliser - a modeling approach (<i>Searle et al</i>)
10:00 to 10:30 am	Morning Tea (at Lawson Field venue)
	Session 3: General agronomy (Session Chair: TBC)
10:30	Yields of some alternative species for the production of biodiesel on marginal land (<i>McKenzie et al</i>)
10:45	Crop screening trials for biogas feedstock production on marginal land (<i>Kerckhoffs et al</i>)
11:00	Nitrogen Partitioning in Wheat Cropping Systems: Planting Date, and N Rate Effects (<i>Hernandez-Ramirez et al</i>)
11:15	Effects of spring management techniques on seed yield and yield components of two contrasting white clover varieties (<i>Chakwizira et al</i>)
11:30	Break (10 minutes)
11:40	Session 4: Vegetable crops (Session Chair: TBC)
11:45	The commercialisation of kōkihi or New Zealand spinach (<i>Tetragonia tetragonioides</i>) in New Zealand (<i>Roskruge et al</i>)
12:00	Determining the Identity of New Zealand Kamokamo (<i>Cucurbita pepo</i> , Cucurbitaceae) Using Mitochondrial DNA and Morphological data (<i>Marshall et al</i>)
12:15	The lifecycle of the Tomato/Potato Psyllid on three traditional Maori food sources (<i>Puketapu et al</i>)
12:30	Conference closes