NZ Grassland Association Resilient Pastures Symposium

Publication

Grassland Research and Practice Series 17: Resilient Pastures Symposium

Video Presentations

Time (min)	***1. Direct and indirect effects at the farm scale***	***Presenters***
10	Environmental benefit	C de Klein
10	Economic benefits of resilient pastures	P Journeaux
10	Resilience benefit	M Jagger
10	Cultural benefit	T Kingi
	2. Direct and indirect effects at the sector and scale	
10	Productivity, changes and resilience in New Zealand grassland agriculture over the last three decades	G Rys
10	Competitiveness	M Neal
10	Carbon and fossil resource depletion footprints of milk production from Canterbury dairy farms	A Mazzetto
	3. Pasture fundamentals	
15	Pasture resilience reflects changes in root and shoot responses to defoliation, water deficits and nitrogen	D Moot
15	Soil-plant interactions	K Orwin
15	Plant breeding for resilient pastures	J Caradus
	4. Future context: Climate and pests	
10	Climatic factors controlling New Zealand pasture resilience under scenarios of future climate change	L Keller
10	Climate change impacts on pest ecology and risks to pasture resilience	S Mansfield
10	Climate change impacts and adaptation strategies for pasture-based industries: Australian perspective	B Cullen
10	What's next for the New Zealand dairy feed-base? Learnings from climate analogues	Y Garcia
	5 Current context: soils	
10	Insights into the soil microbiome and prospects for its manipulation for improved pasture resilience	S Shi
10	An assessment of the role of soil organic matter and carbon in pasture resilience and environmental sustainability	M Shepherd
10	Importance of resilient pastures for New Zealand's agricultural soil C stocks	A Wall
10	Soil structure: its importance to resilient pastures	D Houlbrooke

Time (min)	7 Levers for success	
10	Pastures at the heart of our businesses and industries: farmer perspective	C Sowman
10	Pasture harvested – lesson from dairy systems monitoring	J Savage
10	Diversified pastures – informing solutions for tomorrow, today	A McCahon
10	Will current grazing management recommendations suit future intensive pastoral systems?	D Donaghy/L Cranston
10	Soil and nutrient management: the practitioner's perspective	W Catto
	8 Yield and diversity	
5	Seasonal distribution of pasture production at Poukawa over 20 years, in response to temperature and soil moisture	D Moot
5	Resilient pasture mixtures are associated with pairwise legume-nonlegume species interactions that increase yield and suppress weeds	A Black
5	Yield and botanical composition of four dryland pasture mixtures after eight years	B Taylor
5	Persistence of ryegrass, tall fescue and cocksfoot following sequential annual sowings: pasture age influence on cultivar yield, composition and density traits	T Maxwell
	9 Managing threats	
5	Modelling perennial ryegrass persistence and productivity for the Upper North Island using current and future climate	P Beukes
5	Pasture persistence of four grasses under different nitrogen regimes	M Talamini
5	Resilient pastures and sediment	D Read
5	The effects of lime on pasture composition and production in western Waikato hill country	R Boom
5	Insights into our pastoral systems from long-term experimental sites	A Mackay
	10 Systems design	
10	Regenerative Agriculture	I Pinxterhuis
10	Integrated forages	C Glassey/ I Williams
10	A systems approach to understanding pasture resilience	D Stevens