

14th ANNUAL CONFERENCE PROCEEDINGS

13-15 JULY 1999 – Queanbeyan NSW

"GETTING THE BEST FROM YOUR FARM"

Invited Papers	Author	Page
The big picture – challenges and opportunities		. a.g.
Major landscape issues and developments affecting the high rainfall	Don Blackmore	10
southern zone of the Murray-Darling Basin		. •
Kyoto Greenhouse Agreement – an action agenda for the farming	Ian Carruthers	14
community		
Managing landscape diversity on your farm		
Recognising and managing landscape and pasture diversity	Peter Simpson	18
	l l l l l l l l l l l l l l l l l l l	
Managing landscape diversity on a whole farm basis	Robert Lance	25
Making better use of your feed resources		
Supplementation as a strategy for sheep and cattle producers	Geoff Robards	30
Drought management of pasture, stock and people	David Mitchell	37
PROGRAZE [™] and PROGRAZE [™] PLUS	Phil Graham	41
On-farm implementation of PROGRAZE ^{IM} and PROGRAZE ^{IM} PLUS	Malcolm Peake	43
Managing your soil resource		
Balancing off-site impacts of agriculture, community aspirations and	Anna Ridley, Ray Evans, Neil	45
economic reality	Barr and David Marsh	
The Acid Soil Action program for Southern NSW	Bill Schumann, Sari Glover	55
Whole farm management of acid soils	Bruce Clements	59
Living with and managing acid soils	Jim Elliot, George Elliot	64
Pasture selection and management for water use	Geoff Beale	66
Productive management of saline soils	Andrew Southwell	73
Managing your pasture/livestock resource		
Sown temperate pasture decline – fact or fiction	Keith Hutchinson, Kath King	78
Managing native grass-based pastures for sustainability	John Fleming, Guy Robinson	87
Developing and maintaining productive pastures	John Nixon	91
Operate il Descriptore del Descriptore	A settle a m	
Contributed Papers and Posters	Author	Page
Soil acidity and management		
Increasing earthworm diversity in temperate Australian pastures	Geoff Baker	97

A survey of soil pH and exchangeable aluminium on the Northern	Carol Harris, Mick Duncan	98
Tablelands		
Lime – ten yeas of topdressing	Bruce Clements, Graeme Kelso and Ian Vimpany	99
Does chicory tolerate soil acidity?	Brett Upjohn, David Michalk	100
Acid Soil Action in Northern NSW	Mick Duncan	101
Fertiliser management		
Growth response of <i>Danthonia</i> species to phosphorus fertiliser	Terry Bolger, Denys Garden	103
Does superphosphate pay in a fine-wool enterprise?	Phillip Graham, Bruce Hazell	104
Times are tough – should I be using superphosphate?	Richard Simpson, Phillip Graham and Bruce Hazell	105
Is your rotation mining sulphur?	Cameron Tonkin	106
Pasture species		
Assisting farmers to select pasture varieties	Warren McDonald	108
Persistence of perennial grass cultivars on the Northern Tablelands	Carol Harris, John Ayres and Jeff	109
	Lowien	
The new phalaris varieties, Holdfast, Landmaster, Atlas PG and Australian II: Where do they fit?	Rex Oram, Richard Culvenor	110
Finding a persistent phalaris for the North West Slopes	Suzanne Boschma, Richard Culvenor	112
The Native and Low Input Grasses Evaluation Network	MR Norton, RBD Whalley, MM Mitchell, T Craze, DA Friend, DL Garden, G Auricht, E Kobelt, P Sanford, C Waters and EA Koetz	113
Grazing management		
Perennial partnership required for productive pastures	Jim Scott	115
Sustainable Grazing Systems naturalised pasture site at Carcoar	Warren King, David Kemp, Peter Dowling and David Michalk	116
The Sustainable Grazing Systems Program on the Southern Tablelands and Monaro of NSW	Stuart Burge	117
Lime-pasture-animal interaction: Northern Tablelands demonstration	Clare Bentley, Mick Duncan	118
Management systems		
Use of glyphosphate as a replacement for Frenock® for the control of serrated tussock (<i>Nasella trichotoma</i>)	Malcolm Campbell	120
Native grassland conservation in the rural landscape	David Eddy	121
Forage and crops		
The potential for forage legumes on the tablelands/slopes	Kirrily Smith	123
Effects of sowing rate and cultivar on lucerne dry matter yield and weed infestation during establishment	Harsharn Singh Grewal, Rex Williams	124
Haymaker – efficient production of irrigated lucerne hay	Ian Collett, Lester McCormick	125
Travel Grant and Conference Reports		
Report of study tour to USA, Mexico, Scotland (April 3 – May 17, 1999)	Hugh Dove	129
	Haydn Lloyd Davies	133
Report on the 60th New Zealand Grassland Annual Conference Held at Nelson, NZ October 20-22 1998. Theme: 'Nelson – a Pastoral Pallete' Report on the 39th Annual Conference of the Grassland Society of	Haydn Lloyd Davies	