



8th ANNUAL CONFERENCE PROCEEDINGS

7-8 JULY 1993 – Orange NSW

**“PASTURES FOR ANIMAL PRODUCTION –
ANIMALS FOR PASTURE PRODUCTION”**

Invited Papers	Author	Page
A. Pasture Decline		
Pasture decline – real or imagined?	Ken Archer, John Read and Gordon Murray	8
Pasture decline – A farmer's viewpoint	David Pockley	14
B. Sustainable pasture production		
Principles of sustainable pasture production	Ted Carter	18
C. The pasture/animal system		
Pasture benchmarks for sheep and cattle production	Alan Bell, Ian Blackwood	25
Pasture utilisation on a Victorian dairy farm	Stephen Crooke, Sarah Crooke	29
Managing pastures by grazing	David Kemp	32
D. The role of native grasses in the system		
How to maintain or improve the productivity of native grass-based pastures in the Tablelands	Peter Simpson	39
Native grass pastures – a grazier's perspective	John Dalglish	46
E. Pasture utilisation		
Applying principles of ruminant nutrition to pasture utilisation	Geoffrey Robards	50
Profitable pasture utilisation with beef cattle	Murray Garnock	62
Profitable pasture utilisation with sheep	Bruce Allworth	67
F. Grazing management – some key issues		
Forage crops and feed gaps	Stuart Burge	72
A brief evaluation of time control grazing	Ron Hacker	82
Grazing systems overview – theory and practice of grazing management for sustaining productive temperate pastures	Keith Hutchinson	90
Contributed Papers and Posters		
Irrigated Pasture Production in the Lower Macquarie Valley	Shane Norrish, Michael Elliot and Alan Andrews	102
Herbicide Tolerance of Two Native Grasses	Michael Keys, Peter Simpson	103
Effect of Age of Seeds of Sifton Bush (<i>Cassinia arcuata</i> R. Br.) on Germination and Regeneration	Malcolm Campbell	105

Managing Pastures to Cope with Drought	Peter Walker	107
Saleable Stock from Stable Pasture Project	Warren McDonald	108
Grazing Management – Not Just a Rest for Your Pastures	Guy Robinson	109
Productivity of <i>Lotus pendunculatus</i> and <i>Trifolium repens</i> in a Base Pasture of Kikuyu Grass	Bill Fulkerson, Katrina Slack	111
Does Less Mouths = More Pasture = More Profit?	Bob Wynne	112
The Potential for Native Grasses on the Central and Southern Tablelands	Denys Garden, Peter Dowling and David Eddy	115
Effect of Free Range Poultry on Soil and Pasture	Alex Wells	116
Pasture Management and Weed Control Using Goats	Cameron Allan, Peter Holst	118
Farmer Discussion Groups in Central and Southern NSW	Penelope Hickey, Phillip Dearden and Alan Andrews	119
Hybrid Serradella – An Answer to the Hardseed Problem	Peter Neilson, David Michalk	121
Legumes of the Future	Warwick Green	123
Travel Grant reports		
International Grassland Congress: Palmerston North and Hamilton, New Zealand	Cameron Allan, John Read	128
New Zealand Grazing Systems: Are They Relevant to NSW?	David Michalk, David Kemp, Geoff Robards and John Read	133