



*THE GRASSLAND SOCIETY OF NSW INC.*

**3<sup>rd</sup> ANNUAL CONFERENCE PROCEEDINGS**

30 JUNE & 1 JULY 1988 – Orange NSW

**“PASTURE COMPOSITION AND PRODUCTIVITY – BALANCING THE INPUTS”**

<b>Contributed Papers</b>	<b>Author</b>	<b>Page</b>
Annual legumes: the persistence and productivity of subterranean clover and medics	Brian Dear	3
Developments with perennial legumes	Warren McDonald	10
Serradella – A species for sandy acid soils	Sam Stephens	16
Practical experience with new lucerne cultivars for haymaking and grazing on irrigated beds	Martin Maynard, John Muir	18
Current and future developments with perennial grasses	Kevin Reed	25
Grasses for other environments	John Read	32
Farm performance of pasture grasses in the Southern Tablelands	Val Heffernan	36
Pasture composition for meat, wool and milk production	Hugh Dove	41
A pasture/forage system for prime lamb production	Roger Garland	50
Improved pastures for beef cattle	John Brooker	56
Weed control in pastures – The potential for biological control	Ernest Delfosse	60
Using goats, sheep and cattle for weed control	Richard Arnott	66
Soil and plant analysis as an aid to determining fertilizer needs	Ian Vimpany	69
Amending the soil: Farmer experience in the use of soil analysis	Max Mansfield	74
Budgeting for investment in pasture improvement	David Vere, Anne Muir	81
Producer experience of profit from pastures	Murray Branch	89
Farm cheque – Bringing it all together	Tim Burfitt	93
<b>Poster Summaries</b>	<b>Author</b>	<b>Page</b>
Evaluation of post-emergence herbicides for weed control in seedling phalaris pastures	Ross Watson, Neville Strachan and Mike Hill	98
Beds – Beneficial for difficult soils	Penny Dunstan, John Muir	99
Seed coating – New management tool for pasture establishment	RG Northway	100
Domestication of Curly Mitchell grass	Bill Bellotti	101

Use of Landsat by district advisory officers	Ken Dawbin, Keith McCloy and Sandra Hardy	102
Effect of irrigation frequency on white clover and lucerne	Maryanne Lattimore, John Thompson	103
The nutritional value of selected forage species in Western NSW	Sue Muir	104
Yellow serradella	Tim Drew	105
Establishment of aerially sown pastures on cracking clay soils near Walgett	Malcolm Campbell, Bill Bellotti	106
Leaf growth and growing point development in perennial ryegrass in winter	David Kemp, CF Eagles and MD Humphreys	107
Establishment and development of aerially sown pastures on black earth soils near Coolah	Malcolm Campbell, Bob Freebairn	108
Steer fattening trial, Glen Innes	Brett Riley	109
Programme		110