

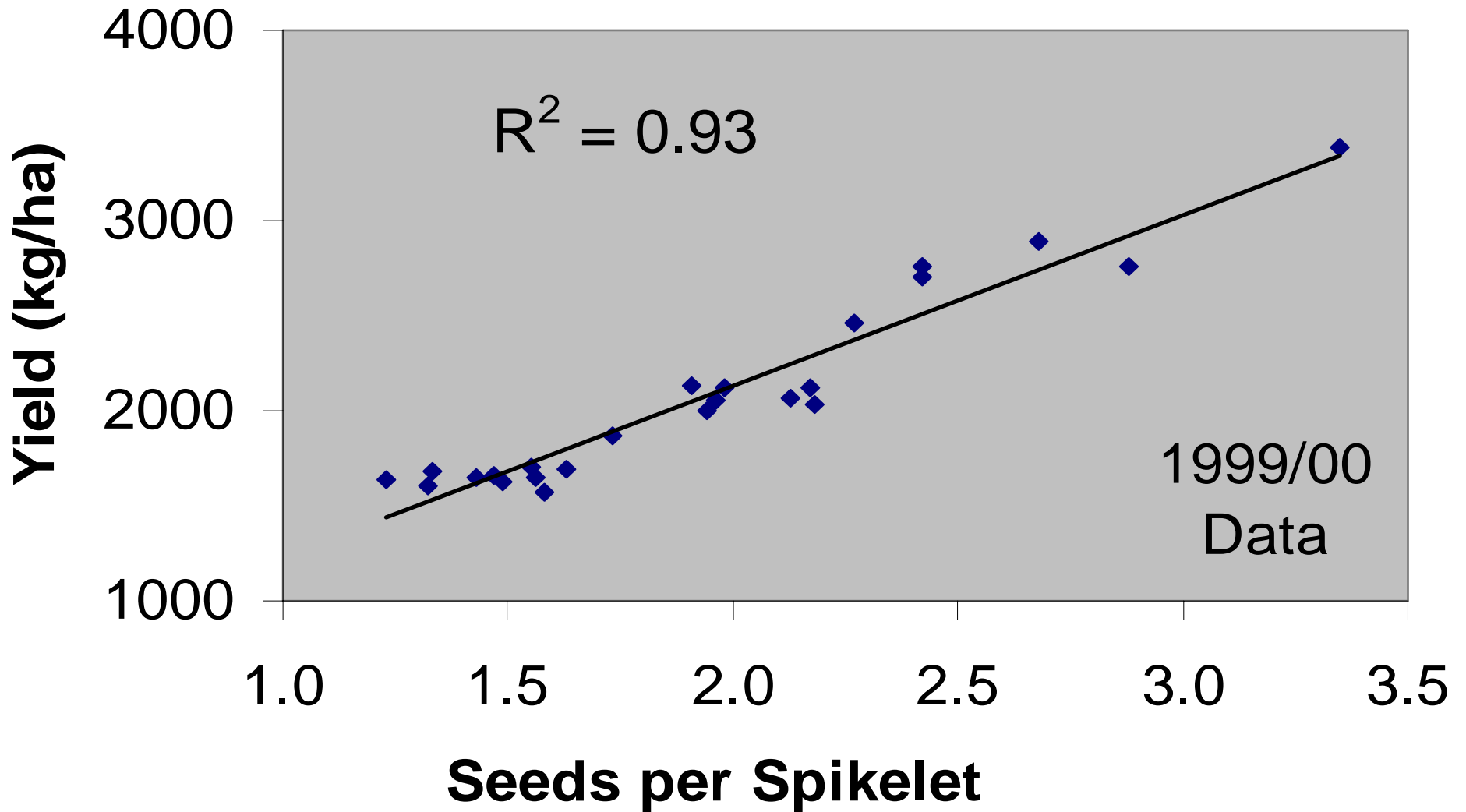
Plant Growth Regulators on Ryegrass

"Herbage Seminar"

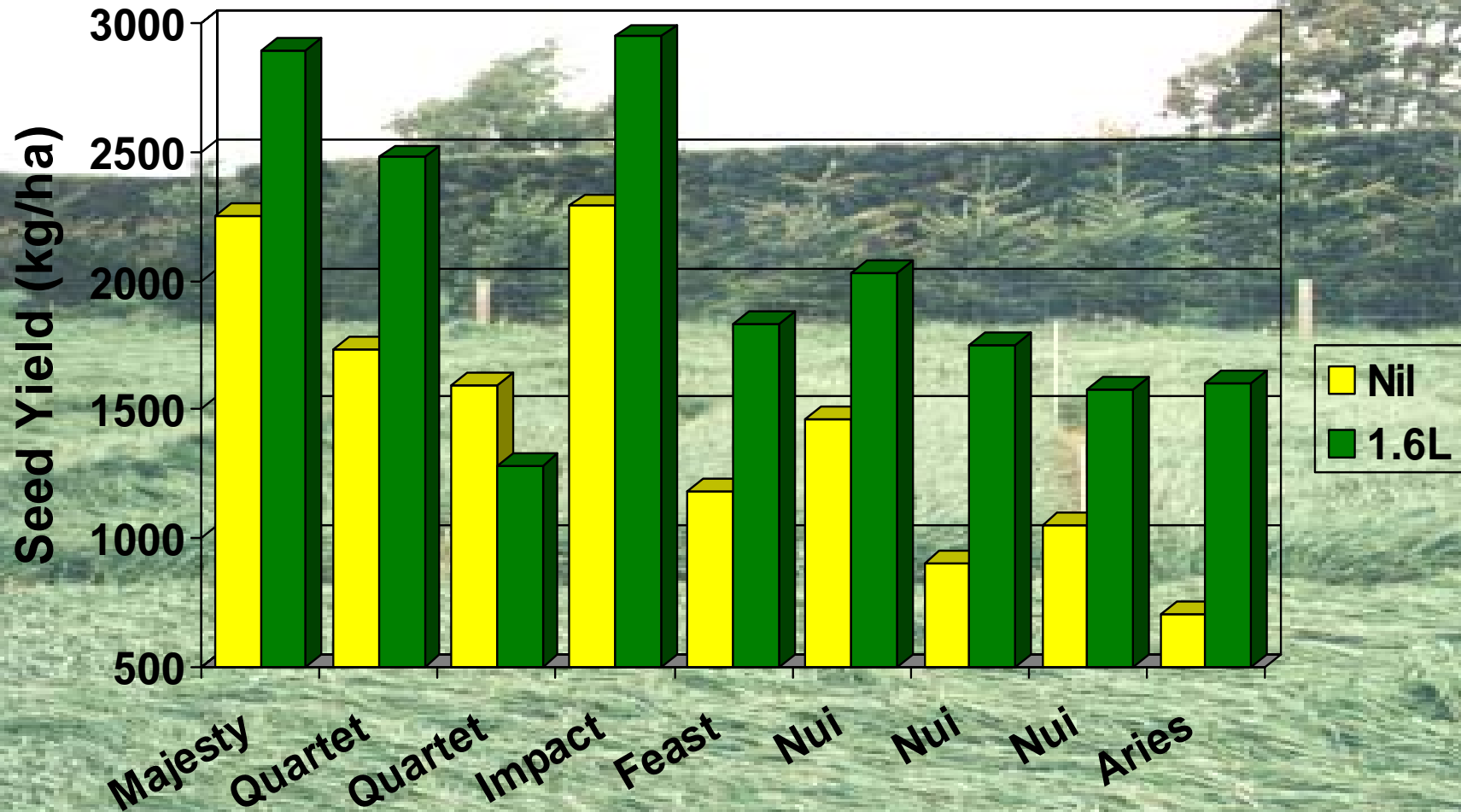
Lincoln

July 2001

Relationship between Yield and Seeds per Spikelet.



Summary of Moddus Responses on Ryegrass over 3 seasons 2000 - 2003



Average of Moddus Responses on Ryegrass over 3 seasons 2000 - 2003

Seed Yield (kg/ha)			% Response over control
Untreated control	Moddus @ 1.6L/ha	Seed Yield Gain	
1461	2044	580	150

Source: NZGA 2004, Rolston, McCloy & Pyke

Summary of Moddus Responses on Late-flowering Tetraploid Perennial Ryegrass over 4 seasons.

Season	Moddus Rate		
	Untreated	0.8L/ha	1.6L/ha
2000/01	1734	2107	2479
2001/02	1592	1558	1280
2002/03	2041	2096	2015
2003/04	1324	1448	1577
2003/04	1461	1263	1273
Mean	1630	1694	1725

Shows the M.D. seed yields (kg/ha) by Moddus rate by application timing on 'Quartet' at Irwell, in 2004.

Moddus Rate (L/ha)	GS.32 4.12.03	GS.32 + 39	GS.39 11.12.04	Mean
Nil		1324		1324
0.8	1448		1587	1518
0.8 +0.8		1595		
1.6	1577		1616	1597
2.4	1567		1379	1473
Mean	1531		1527	
LSD (0.05)				200