

LessN Trial Results - Independent trials summary



As at August 2011

All Nitrogen Response Trials	Season	Land	Days	Dry Matter Kg / ha / day				Dry Matter Total				Nitrogen Response		
				Control	Urea 40	Urea 80	LessN 40	Control	Urea 40	Urea 80	LessN 40	Urea 40	Urea 80	LessN 40
Independent - Darfield 1	Autumn 07	Dry	21	42		59	83	875		1232	1750		10	48
Independent - Springfield	Autumn 07	Dry	21	100		131	129	2108		2747	2708		17	33
Independent - Darfield 2	Autumn 07	Dry	21	90		110	111	1894		2305	2340		11	24
Independent - Woodend	Autumn 07	Irrigated	21	84		100	101	1774		2106	2117		9	19
Independent - Aylesbury 1	Autumn 07	Irrigated	21	34		46	58	707		975	1208		7	27
Independent - Aylesbury 2	Autumn 07	Irrigated	21	41		51	63	870		1076	1313		6	24
Independent - Waikato	Spring 07	Dry	28	50		72	65	1407		2022	1808		17	22
Independent Dairy	Spring 07	Irrigated	28	46	70	80	75	1296	1947	2229	2092	35	25	43
Independent Sheep	Spring 07	Dry	28	27	34	46	37	745	952	1277	1048	11	14	16
Independent - Waikato	Spring 07	Irrigated	28	65	79	89	90	1820	2212	2492	2520	21	18	38
Independent - Winchmore	Spring 07	Irrigated	28	39	49	44	47	1092	1372	1232	1316	15	4	12
Independent - Rakaia Is.	Autumn 08	Irrigated	18	59	65	73	76	1057	1175	1318	1363	6	7	17
Independent - Springston	Summer 10-11	Irrigated	30	25	35	45	43	738	1054	1356	1294	17	17	30
Independent - Bankside	Summer 10-11	Irrigated	24	50	69	73	73	1201	1657	1754	1747	25	15	30
Independent - Tai Tapu	Summer 10-11	Irrigated	22	43	55	64	69	950	1215	1400	1518	14	12	31
Independent - Dunsandel	Summer 10-11	Irrigated	25	58	64	79	73	1454	1604	1973	1834	8	14	21
Independent - Pendarves	Summer 10-11	Irrigated	20	58	71	76	82	1160	1414	1526	1634	14	10	26
Independent - Greenpark	Summer 10-11	Irrigated	28	44	52	61	59	1243	1447	1719	1649	11	13	22
Independent - Reporoa	Summer 10-11	Irrigated	19	34	56	64	53	637	1056	1208	1004	23	16	20
Independent - Ohaupo	Summer 10-11	Dry	21	47	58	61	59	982	1216	1278	1239	13	8	14
Independent - Cambridge	Summer 10-11	Dry	24	42	47	53	57	1018	1120	1261	1367	6	7	19

Summary of Nitrogen Response Trials				Dry Matter Kg / ha / day				Dry Matter Total				Nitrogen Response		
			Days	Control	Urea 40	Urea 80	LessN 40	Control	Urea 40	Urea 80	LessN 40	Urea 40	Urea 80	LessN 40
Results for all Trials with a Nitrogen Response		21	24	51	57 +	70	72	1192	1389 +	1642	1660	16	12	25
Results for all U40 Trials with a Nitrogen Response		14	25	45	57	65	64	1100	1389	1573	1545	16	13	24

+ Figures shown are the mean results for all 21 trials which had a further treatment of urea at 40kg/ha without the benefit of LessN.