

LessN Trial Results - Extended trials summary



As at August 2011

All Nitrogen Response Trials				Dry Matter Kg / ha / day				Dry Matter Total				Nitrogen Response		
	Season	Land	Days	Control	Urea 40	Urea 80	LessN 40	Control	Urea 40	Urea 80	LessN 40	Urea 40	Urea 80	LessN 40
Donaghys - Nth Canterbury	Summer 08-09	Irrigated	47	13	21	22	24	605	966	1024	1150	20	11	30
Donaghys - Ranfurly	Autumn 10	Irrigated	42	19	23	28	29	789	948	1157	1212	9	10	23
Donaghys - Clinton	Autumn 10	Dry	40	19	20	26	27	764	787	1028	1062	1	7	16
Donaghys - West Eryton	Spring 08	Irrigated	54	27	30	45	49	1454	1637	2451	2628	10	27	64
Independent - Pendarves*	Autumn 11	Irrigated	58	36	41	45	44	2086	2363	2609	2530	15	14	24
Independent - Greenpark*	Autumn 11	Dry	44	33	38	43	43	1829	2079	2374	2386	14	15	30
Independent - Walton*	Autumn 11	Dry	47	38	40	42	44	1940	2035	2151	2233	5	6	16
Independent - Cambridge*	Autumn 11	Irrigated	45	39	43	45	48	1702	1870	1965	2093	9	7	21
Independent - Reporoa*	Autumn 11	Dry	47	36	45	51	44	1612	2041	2276	1966	23	18	19
Independent - Ohaupo*	Autumn 11	Irrigated	55	41	46	50	48	1926	2159	2362	2236	13	12	17
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														
		10	48	30	35	40	40	1471	1689	1940	1950	12	13	26

No Nitrogen Response				Dry Matter Kg / ha / day				Dry Matter Total				Nitrogen Response		
	Season	Land	Days	Control	Urea 40	Urea 80	LessN 40	Control	Urea 40	Urea 80	LessN 40	Urea 40	Urea 80	LessN 40
Independent - Tirau*	Autumn 11	Dry	46	53	60	57	53	2455	2757	2626	2459	16	5	0

* These extended trials received a grazing after 21-31 days but no reapplication of treatments.