

N rate, kg ha ⁻¹	Hennessey			Summers		
	Forage yield	Grain yield	Height	Forage yield	Grain yield	Height
0	6.6	708	79.7	7.8	649	89.3
45	7.3	614	101.7	7.8	650	87.2
67	8.6	823	99.7	7.8	656	87.4
90	8.3	786	98.3	4.8	594	93.2
Linear	ns	ns	ns	ns	ns	ns
Quadratic	ns	ns	ns	ns	ns	ns
P rate kg ha ⁻¹						
0	6.5	789	84.7	5.5	612	77.3
25	6.6	708	79.7	7.8	649	89.3
50	5.2	627	79	8.5	687	88.9
Linear	ns	ns	ns	*	ns	ns
Quadratic	ns	ns	ns	ns	ns	ns
K rate kg ha ⁻¹						
0	6.5	789	84.7	5.5	612	77.3
69	5.3	680	79.3	6.0	675	86.1
Prob.	ns	ns	ns	ns	ns	ns
Top vs Pre-top N						
Pre-top	7.3	614	101.7	7.8	650	87.2
Top only	8.0	1000	103.3	5.7	585	84.9
Prob.	*	*	ns	ns	ns	ns

* significant at the 0.05 level of probability; ns- non-significant at p=0.05.