

Forage Nutritional Content

Nutrient Analysis		June 2011		September 2011		June 2012		September 2012*	
		Control	Experimental	Control	Experimental	Control	Experimental	Control	Experimental
Percent (%)	N	1.38	1.43	2.45	2.58	1.21	1.29	2.54	2.52
	Ca	0.52	0.55	1	0.76	0.46	0.43	0.65	0.55
	K	1.97	1.72	2.7	3.06	1.61	1.52	2.22	2.37
	Mg	0.16	0.16	0.25	0.22	0.13	0.15	0.21	0.22
	P	0.26	0.23	0.4	0.35	0.21	0.2	0.33	0.33
	S	(n/a)	(n/a)	(n/a)	(n/a)	(n/a)	(n/a)	0.26	0.33
Parts Per Million (ppm)	Al	27.1	21.53	28.7	26.67	121.17	230	48.15	41.79
	B	10.77	9.03	15.22	21.6	11.41	11.5	6.61	12.48
	Cu	6.21	4.76	10.55	9.09	4.86	6.06	7.22	6.02
	Fe	38.23	31.37	66.53	67.47	158	256.2	71.25	74.52
	Mn	97.7	114.67	193.67	162.33	109.9	75.33	134.96	127.06
	Zn	23.67	22.07	45.4	31.07	25.43	24.07	33.7	23.79
	Na	(n/a)	(n/a)	(n/a)	(n/a)	(n/a)	(n/a)	46.62	22.74

Table 3: Forage nutritional content in percent (major nutrients) and ppm (micronutrients) for control versus experimental plots June 2011 through September 2012. *September 2012 samples analyzed by Lancaster Agricultural Products. All other forage nutrition analyses performed by University of Maine Analytical Laboratory