

2008 First Cut Forage Summary

From 15-Jun-2008 to 15-Jul-2008
 All Samples

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Fresh 1st Cut Legume					
	Acid Detergent Fibre %	52	32.26	3.9	12.1
	ADF - CP %	28	1.22	0.52	42.5
	Calcium %	52	1.41	0.24	17.1
	Protein % (N X 6.25)	52	21.23	2.77	13
	Moisture %	52	67.08	15.02	22.4
	Potassium %	52	2.45	0.51	20.9
	Lignin %	48	5.75	1.38	24.1
	Magnesium %	52	0.25	0.05	22
	Sodium %	20	0.06	0.02	38.1
	Neutral Detergent Fibre %	52	42.07	6.42	15.3
	Phosphorus %	52	0.3	0.04	12.6
	Starch(%)	2	1.12	0.31	27.8
	Soluble Protein %	28	11.21	2.03	18.1
	UIP Bypass Est. % of CP	28	22.09	3.3	15

Fresh 1st Cut Grass					
	Acid Detergent Fibre %	11	33.3	3.45	10.4
	ADF - CP %	7	1.28	0.38	30
	Calcium %	13	0.7	0.37	52.2
	Protein % (N X 6.25)	12	16.3	3.62	22.2
	Copper (ppm)	1	7.69		
	Moisture %	13	69.24	13.39	19.3
	Potassium %	13	2.74	1.15	41.9
	Lignin %	10	5.59	2.36	42.2
	Magnesium %	13	0.2	0.06	29
	Manganese (ppm)	1	51.01		
	Sodium %	9	0.06	0.04	76
	Neutral Detergent Fibre %	11	53.82	8.28	15.4
	NDF - CP%	2	5.13	0.02	0.4
	Phosphorus %	13	0.32	0.1	31
	Soluble Protein %	7	8.02	1.08	13.5
	UIP Bypass Est. % of CP	7	23.8	5.53	23.2
	Zn(ppm)	1	38.85		

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Fresh 1st Cut Mixed					
	Acid Detergent Fibre %	290	35.1	3.8	10.8
	ADF - CP %	282	1.26	0.56	44.1
	NDF Digestability (24hr) %	9	35.04	6.12	17.5
	Calcium %	291	1.17	0.33	28.5
	Protein % (N X 6.25)	291	19.43	2.78	14.3
	Copper (ppm)	24	8.36	5.33	63.8
	Moisture %	292	60.2	13.66	22.7
	NDF Digestability (48hr) %	9	49.08	6.13	12.5
	Iron (ppm)	9	187.17	98.36	52.6
	Potassium %	291	2.35	0.49	20.8
	Lignin %	282	6.42	1.31	20.4
	Magnesium %	291	0.23	0.06	26.5
	Manganese (ppm)	24	39.59	28.74	72.6
	Sodium %	188	0.06	0.03	57.3
	Neutral Detergent Fibre %	290	48.12	7.65	15.9
	NDF - CP%	9	5.87	0.62	10.5
	Phosphorus %	291	0.3	0.05	17
	Starch(%)	25	1.12	0.42	37.9
	Soluble Protein %	284	10.27	2.18	21.2
	UIP Bypass Est. % of CP	282	23.72	3.79	16
	Zn(ppm)	24	32.78	30.69	93.6

Fresh 2+ Cut Mixed					
	Acid Detergent Fibre %	4	31.23	2.56	8.2
	ADF - CP %	4	0.88	0.31	35.3
	Calcium %	4	1.37	0.25	18.1
	Protein % (N X 6.25)	4	21.66	1.45	6.7
	Moisture %	4	60.49	3.02	5
	NDF Digestability (48hr) %	1	55.05		
	Potassium %	4	2.42	0.32	13.1
	Lignin %	4	6.03	0.62	10.3
	Magnesium %	4	0.24	0.08	34.5
	Sodium %	1	0.08		
	Neutral Detergent Fibre %	4	41.5	2.82	6.8
	Phosphorus %	4	0.33	0.04	10.9
	Soluble Protein %	4	11.82	2.27	19.2
	UIP Bypass Est. % of CP	4	22.91	3.73	16.3

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Hay For Horses					
	Acid Detergent Fibre %	17	36.02	2.41	6.7
	ADF - CP %	14	1.03	0.42	40.9
	Calcium %	17	0.56	0.33	60.1
	Protein % (N X 6.25)	17	12.21	3.23	26.5
	Copper (ppm)	15	6.76	2.63	39
	Moisture %	17	18.16	19.15	105.4
	Potassium %	17	2.05	0.54	26.1
	Lignin %	15	5.45	1.92	35.2
	Magnesium %	17	0.16	0.05	30.2
	Manganese (ppm)	15	70.78	75	106
	Sodium %	15	0.09	0.1	111.4
	Neutral Detergent Fibre %	17	55.81	4.39	7.9
	Phosphorus %	17	0.23	0.08	34.5
	Starch(%)	13	2.58	1.3	50.2
	Soluble Protein %	14	3.64	2.93	80.4
	UIP Bypass Est. % of CP	14	36.29	6.99	19.3
	Zn(ppm)	15	19.42	10.76	55.4
Legume Hay- 1st Cut					
	Acid Detergent Fibre %	19	31.41	4.68	14.9
	ADF - CP %	19	1.44	0.3	20.8
	Calcium %	20	1.48	0.42	28.2
	Protein % (N X 6.25)	22	17.58	3.31	18.8
	Copper (ppm)	2	9.54	0.55	5.8
	Moisture %	22	13.01	8.6	66.1
	NDF Digestability (48hr) %	2	46.33	1.42	3.1
	Potassium %	20	2.01	0.52	25.6
	Lignin %	19	7.75	1.59	20.6
	Magnesium %	20	0.27	0.06	23.7
	Manganese (ppm)	2	29.1	0.08	0.3
	Sodium %	6	0.06	0.05	76.3
	Neutral Detergent Fibre %	19	42.44	6.09	14.3
	NDF - CP%	2	4.33	1.3	30
	Phosphorus %	20	0.27	0.05	17.1
	Starch(%)	2	1.39	0.05	3.5
	Soluble Protein %	19	5.33	1.14	21.5
	UIP Bypass Est. % of CP	19	35.19	1.78	5.1
	Zn(ppm)	2	23.71	2.87	12.1

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Grass Hay- 1st Cut					
	Acid Detergent Fibre %	23	36.79	3.02	8.2
	ADF - CP %	18	1.32	0.21	16.2
	Calcium %	28	0.58	0.37	64.4
	Protein % (N X 6.25)	27	10.53	2.32	22.1
	Copper (ppm)	3	5.65	1.02	18.1
	Moisture %	28	13.54	5.3	39.1
	NDF Digestability (48hr) %	5	47.77	8.62	18.1
	Potassium %	28	1.97	0.5	25.3
	Lignin %	18	6.44	1.81	28.1
	Magnesium %	28	0.16	0.05	31.1
	Manganese (ppm)	3	40.38	4.3	10.6
	Sodium %	20	0.04	0.03	71.1
	Neutral Detergent Fibre %	23	59.94	4.21	7
	NDF - CP%	5	5.54	1.6	28.9
	Phosphorus %	28	0.23	0.04	18.9
	Starch(%)	5	3.18	0.82	25.7
	Soluble Protein %	19	2.48	1.07	43
	UIP Bypass Est. % of CP	18	38.47	4.63	12
	Zn(ppm)	3	20.89	4.93	23.6

Mixed Hay- 1st Cut					
	Acid Detergent Fibre %	240	36.82	3.73	10.1
	ADF - CP %	234	1.54	0.25	16.3
	Calcium %	254	1.01	0.39	39.2
	Protein % (N X 6.25)	245	14.68	3.37	23
	Copper (ppm)	40	6.23	1.71	27.4
	Moisture %	257	14.32	6.66	46.5
	NDF Digestability (48hr) %	42	45.2	5.97	13.2
	Potassium %	254	1.89	0.39	20.4
	Lignin %	233	8.28	1.41	17
	Magnesium %	254	0.22	0.08	37
	Manganese (ppm)	40	37.88	32.88	86.8
	Sodium %	165	0.05	0.04	87.9
	Neutral Detergent Fibre %	239	53.35	6.92	13
	NDF - CP%	42	5.17	1.67	32.3
	Phosphorus %	254	0.23	0.05	21.4
	Starch(%)	50	1.91	0.9	47.1
	Soluble Protein %	235	3.76	1.56	41.4
	UIP Bypass Est. % of CP	234	37.57	3.24	8.6
	Zn(ppm)	40	22.13	6.15	27.8

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Hay- 2nd Cut					
	Acid Detergent Fibre %	10	32.12	3.04	9.5
	ADF - CP %	10	1.47	0.15	10.1
	Calcium %	10	1.25	0.35	28.3
	Protein % (N X 6.25)	10	19.61	1.76	9
	Copper (ppm)	1	7.86		
	Moisture %	10	15.39	3.8	24.7
	NDF Digestability (48hr) %	1	56.68		
	Potassium %	10	2.34	0.46	19.6
	Lignin %	10	7.56	1.08	14.2
	Magnesium %	10	0.24	0.05	19.1
	Manganese (ppm)	1	31.26		
	Sodium %	7	0.05	0.04	90.3
	Neutral Detergent Fibre %	10	44.53	4	9
	NDF - CP%	1	5.55		
	Phosphorus %	10	0.33	0.04	12.5
	Starch(%)	1	1.62		
	Soluble Protein %	10	5.48	0.99	18.1
	UIP Bypass Est. % of CP	10	36.04	1.99	5.5
	Zn(ppm)	1	21.2		

Legume Haylage					
	Acid Detergent Fibre %	30	35.5	4.68	13.2
	ADF - CP %	29	1.47	0.54	36.6
	NDF Digestability (24hr) %	3	39.02	6.74	17.3
	Calcium %	30	1.13	0.43	38.3
	Protein % (N X 6.25)	30	19.03	3.57	18.7
	Copper (ppm)	1	8.39		
	Moisture %	30	55.07	11.25	20.4
	NDF Digestability (48hr) %	3	51.35	12.4	24.2
	Potassium %	30	2.62	0.57	21.7
	Lignin %	29	6.96	1.16	16.6
	Magnesium %	30	0.28	0.13	45
	Manganese (ppm)	1	48.4		
	Sodium %	16	0.05	0.02	39.1
	Neutral Detergent Fibre %	30	49.36	8.51	17.2
	NDF - CP%	6	4.98	1.09	22
	Phosphorus %	30	0.29	0.05	18.7
	Starch(%)	5	0.69	0.43	62.5
	Soluble Protein %	29	10.3	3.27	31.8
	UIP Bypass Est. % of CP	29	23.35	5.35	22.9
	Zn(ppm)	1	34.86		

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Grass Haylage					
	Acid Detergent Fibre %	29	37.48	5.55	14.8
	ADF - CP %	26	1.23	0.58	47.1
	NDF Digestability (24hr) %	10	51.34	9.47	18.5
	Calcium %	30	0.62	0.25	40.5
	Protein % (N X 6.25)	30	14.3	3.19	22.3
	Copper (ppm)	9	7.91	1.94	24.5
	Moisture %	30	52.82	25.25	47.8
	NDF Digestability (48hr) %	10	63.11	9.16	14.5
	Potassium %	30	2.73	0.67	24.4
	Lignin %	26	5.71	1.95	34.2
	Magnesium %	30	0.19	0.05	24
	Manganese (ppm)	9	86.88	50.57	58.2
	Sodium %	19	0.05	0.04	71.6
	Neutral Detergent Fibre %	29	56.51	8.1	14.3
	NDF - CP%	13	5.13	0.83	16.1
	Phosphorus %	30	0.3	0.06	19.2
	Starch(%)	11	0.97	0.46	48
	Soluble Protein %	26	8.13	2.76	33.9
	UIP Bypass Est. % of CP	26	21.87	7	32
	Zn(ppm)	9	26.66	6.83	25.6

Mixed Haylage					
	Acid Detergent Fibre %	452	36.92	4.17	11.3
	ADF - CP %	448	1.59	0.56	35.2
	NDF Digestability (24hr) %	179	39.08	6.57	16.8
	Calcium %	455	1.26	0.34	27.2
	Protein % (N X 6.25)	455	18.76	2.75	14.7
	Copper (ppm)	138	7.43	1.88	25.2
	Moisture %	458	57.41	11.31	19.7
	NDF Digestability (48hr) %	182	51.82	7.19	13.9
	Iron (ppm)	7	776.11	885.25	114.1
	Potassium %	455	2.36	0.49	20.9
	Lignin %	444	7.28	1.4	19.2
	Magnesium %	455	0.25	0.06	24.7
	Manganese (ppm)	138	36.24	24.24	66.9
	Sodium %	306	0.06	0.04	68.6
	Neutral Detergent Fibre %	451	50.16	6.29	12.5
	NDF - CP%	186	4.97	0.7	14.1
	Phosphorus %	455	0.28	0.04	15.1
	Starch(%)	199	0.83	1.21	146.6
	Soluble Protein %	449	10.06	2.79	27.7
	UIP Bypass Est. % of CP	448	23.57	5.16	21.9
	Zn(ppm)	138	27.84	15.32	55

Feed Type	Test	Number	Mean	S.D.	C.V. (%)
Mixed Legume Haylage- 2+	Acid Detergent Fibre %	17	32	4.51	14.1
	ADF - CP %	17	1.3	0.4	30.9
	NDF Digestability (24hr) %	8	41.17	8.72	21.2
	Calcium %	17	1.44	0.41	28.5
	Protein % (N X 6.25)	17	21.15	2.43	11.5
	Copper (ppm)	7	8.82	2.2	24.9
	Moisture %	17	50.23	11.91	23.7
	NDF Digestability (48hr) %	8	54.47	8.1	14.9
	Iron (ppm)	1	188.67		
	Potassium %	17	2.28	0.5	22
	Lignin %	17	6.17	1.56	25.3
	Magnesium %	17	0.3	0.06	20.8
	Manganese (ppm)	7	35.28	13.49	38.2
	Sodium %	12	0.07	0.03	44.9
	Neutral Detergent Fibre %	17	43.14	5.83	13.5
	NDF - CP%	8	5.01	1	20
	Phosphorus %	17	0.3	0.05	14.9
	Starch(%)	10	0.96	0.53	55.3
	Soluble Protein %	17	12.1	3.11	25.7
	UIP Bypass Est. % of CP	17	21.71	4.85	22.3
	Zn(ppm)	7	23.72	2.57	10.8