



## LABORATORY REPORT

17-4252-1-1	Alfalfa x Grass	<u>DESCRIPTION:</u> CLAPPERTON RANCH 2017 1ST CUT SOUTH
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### NIR ANALYSIS

### AS FED

### DRY MATTER

Moisture	%	8.99	91.01
PROTEIN	%	16.17	17.77
ADF	%	26.28	28.87
NDF	%	36.29	39.87
STARCH	%	0.74	0.81
Lignin	%	5.72	6.29
NFC	%	27.82	30.57
WSC	%	14.22	15.63
ESC	%	8.54	9.39
NSC	%	14.96	16.44
RFV1	%		154.94
Ash	%	9.68	10.64
Ca	%	1.17	1.28
P	%	0.22	0.25
Mg	%	0.25	0.28
K	%	1.96	2.15
Horse DE Mcal/kg G	%	2.75	3.02
NDICP	%	2.87	3.16
SCd_Hay			40.84

<b>DATE:</b> August 29, 2017	<b>SIGNATURE:</b>	These analyses have been prepared for the private use of our clients and have no legal status.
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## LABORATORY REPORT

17.4252-2	Grass Hay G	<u>DESCRIPTION:</u> CLAPPERTON RANCH 2017 2ND CUT GRASS ONLY CABIN FIELD
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### NIR ANALYSIS

### AS FED

### DRY MATTER

Moisture	%	8.75	91.25
PROTEIN	%	14.49	15.87
ADF	%	33.94	37.19
NDF	%	51.04	55.94
STARCH	%	0.58	0.64
Lignin	%	5.29	5.79
NFC	%	17.04	18.67
WSC	%	8.91	9.77
ESC	%	8.13	8.90
NSC	%	9.49	10.40
RFV1	%		99.66
Ash	%	10.07	11.03
Ca	%	0.54	0.60
P	%	0.34	0.38
Mg	%	0.23	0.25
K	%	2.98	3.27
Horse DE Mcal/kg G	%	2.50	2.74
NDICP	%	4.39	4.81
SCd_Hay			40.90

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## LABORATORY REPORT

17.4252-3	Grass Hay G	<u>DESCRIPTION:</u> CLAPPERTON RANCH 2017 1ST CUT GRASS ONLY CABIN FIELD
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### NIR ANALYSIS

### AS FED

### DRY MATTER

Moisture	%	7.71	92.29
PROTEIN	%	9.28	10.05
ADF	%	35.64	38.62
NDF	%	56.16	60.85
STARCH	%	0.59	0.64
Lignin	%	4.18	4.53
NFC	%	17.66	19.13
WSC	%	13.62	14.76
ESC	%	9.85	10.68
NSC	%	14.21	15.40
RFV1	%		89.91
Ash	%	8.21	8.90
Ca	%	0.33	0.35
P	%	0.29	0.31
Mg	%	0.16	0.17
K	%	2.41	2.61
Horse DE Mcal/kg G	%	2.50	2.71
NDICP	%	2.71	2.94
SCd_Hay			40.93

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## LABORATORY REPORT

17.4252-4	Alfalfa x Grass	<u>DESCRIPTION:</u> CLAPPERTON RANCH 2017 3RD CUT ALFALFA/GRASS MIX TOP FIELD
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### NIR ANALYSIS

### AS FED

### DRY MATTER

Moisture	%	9.02	90.98
PROTEIN	%	19.20	21.11
ADF	%	29.05	31.93
NDF	%	38.00	41.76
STARCH	%	0.80	0.88
Lignin	%	6.18	6.79
NFC	%	26.14	28.73
WSC	%	8.91	9.80
ESC	%	6.23	6.84
NSC	%	9.71	10.67
RFV1	%		142.60
Ash	%	10.14	11.15
Ca	%	1.26	1.38
P	%	0.25	0.27
Mg	%	0.28	0.31
K	%	1.95	2.14
Horse DE Mcal/kg G	%	2.75	3.02
NDICP	%	3.84	4.22
SCd_Hay			40.84

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## LABORATORY REPORT

17.4252-5	Alfalfa x Grass	<u>DESCRIPTION:</u> CLAPPERTON RANCH 2017 3RD CUT ALFALFA/GRASS MIX SOUTH FIELD
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### NIR ANALYSIS

### AS FED

### DRY MATTER

Moisture	%	8.66	
PROTEIN	%	17.47	91.34
ADF	%	31.63	19.12
NDF	%	43.38	34.63
STARCH	%	0.67	47.49
Lignin	%	5.84	0.73
NFC	%	22.61	6.39
WSC	%	9.27	24.75
ESC	%	6.95	10.15
NSC	%	9.93	7.61
RFV1	%		10.88
Ash	%	10.19	121.28
Ca	%	0.94	11.15
P	%	0.28	1.03
Mg	%	0.26	0.31
K	%	2.47	0.29
Horse DE Mcal/kg G	%	2.65	2.70
NDICP	%	4.16	2.90
SCd_Hay			4.55
			40.87

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