



1000 Corey Road
 P.O. Box 886
 Hutchinson, KS 67504-0886
 620-665-5661
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 TOLL FREE: 877-464-0623
 www.sdklabs.com

Sample # 51290
 Sample: Grass December 2010 Forage Sample
 Other ID: Johnson Pastures

Date Received: 12/23/2010
 Date Reported: 12/28/2010
 Total Fee: 32.00

NEW MEXICO STATE UNIVERSITY
 NMSU CORONA-SHAD COX
 PO BOX 392
 CORONA, NM 88318

ANALYSIS

	Dry Basis	As Received	
Moisture		4.71	%
Dry Matter		95.29	%
Protein, Crude	3.43	3.27	%
ADF-Acid Detergent Fiber	46.51	44.32	%
NDF-Neutral Detergent Fiber	73.38	69.92	%
NEL: Net Energy-Lactation	0.39	0.37	Mcal/lb
NEG: Net Energy-Gain	0.03	0.03	Mcal/lb
NEM: Net Energy-Maintenance	0.27	0.26	Mcal/lb
TDN: Total Digestible Nutrients	39.76	37.89	%
Digestible Energy - DE	0.80	0.76	Mcal/lb
Metabolizable Energy - ME	0.65	0.62	Mcal/lb
Calcium	0.26	0.25	%
Phosphorus	0.07	0.07	%
Potassium	0.85	0.81	%
Magnesium	0.09	0.09	%
Sodium	0.19	0.18	%
Sulfur	0.07	0.07	%
Aluminum	223.00	212.50	ppm
Cobalt	0.29	0.28	ppm
Copper	5.56	5.30	ppm
Iron	174.00	165.80	ppm
Manganese	43.09	41.06	ppm
Molybdenum	0.87	0.83	ppm
Zinc	14.40	13.72	ppm
RFV- Relative Feed Value	67		s.u.

General Information:

RFQ/RFV	Grade	Quality
Over 185	Supreme	Excellent Dairy Hay
170 - 185	Premium	Dairy Hay
150 - 170	Good	Good Hay
130 - 150	Fair	Average Hay
Under 130	Utility	Poor Hay



Approved By: *M. A. Aguirre*

Copies:

ANALYTICAL RESULTS APPLY ONLY TO THE SUBMITTED SAMPLE AND MAY NOT REFLECT RESULTS OF SEEMINGLY IDENTICAL MATERIAL OR PRODUCTS.



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Sample # 51291
 Sample: Grass December 2010 Forage Sample
 Other ID: Adams Pasture

Date Received: 12/23/2010
 Date Reported: 12/28/2010
 Total Fee: 32.00

NEW MEXICO STATE UNIVERSITY
 NMSU CORONA-SHAD COX
 PO BOX 392
 CORONA, NM 88318

ANALYSIS

	Dry Basis	As Received	
Moisture		7.65	%
Dry Matter		92.35	%
Protein, Crude	3.65	3.37	%
ADF-Acid Detergent Fiber	47.56	43.92	%
NDF-Neutral Detergent Fiber	75.25	69.49	%
NEL: Net Energy-Lactation	0.37	0.34	Mcal/lb
NEG: Net Energy-Gain	0.01	0.01	Mcal/lb
NEM: Net Energy-Maintenance	0.24	0.23	Mcal/lb
TDN: Total Digestible Nutrients	38.34	35.41	%
Digestible Energy - DE	0.77	0.71	Mcal/lb
Metabolizable Energy - ME	0.63	0.58	Mcal/lb
Calcium	0.32	0.30	%
Phosphorus	0.04	0.04	%
Potassium	0.58	0.54	%
Magnesium	0.09	0.08	%
Sodium	0.02	0.02	%
Sulfur	0.09	0.08	%
Aluminum	246.00	227.18	ppm
Cobalt	0.33	0.30	ppm
Copper	4.98	4.60	ppm
Iron	200.00	184.70	ppm
Manganese	31.60	29.18	ppm
Molybdenum	1.19	1.10	ppm
Zinc	12.00	11.08	ppm
RFV- Relative Feed Value	64		s.u.

General Information:

RFQ/RFV	Grade	Quality
Over 185	Supreme	Excellent Dairy Hay
170 - 185	Premium	Dairy Hay
150 - 170	Good	Good Hay
130 - 150	Fair	Average Hay
Under 130	Utility	Poor Hay



Approved By: *M. A. Aguirre*

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