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Fax: 806.677.0329

Lab No.: 28864		FEED ANALYSIS REPORT		Date Reported: 08/05/2025
Send To: 38697	ANDREA SHERRILL 600 COUNTY ROAD 117 BOLING, TX 77420			
Results For:	BARN SOUTH		 Amy Meier Data Review Coordinator	
Feedstuff Description:	BERMUDAGRASS HAY			
Sample Identification:	CENTRAL 02-JIGGS-1ST-2025			
Date Received:	08/04/2025			
Invoice No.:	390070			
Feed Analysis Results As Received 100% Dry Matter				
Near Infrared Reflectance Spectroscopy (NIRS) Analysis				
Moisture, %	11.9			
Dry Matter, %	88.1			
Crude Protein, %	8.99	10.21		
Adjusted Crude Protein, %	8.99	10.21		
AD-ICP, %	0.33	0.38		
ND-ICP (w/Na ₂ SO ₃), %	1.91	2.17		
Soluble Protein, % CP	23.20	26.35		
ADF, % ADF	31.93	36.26		
aNDF (w/Na ₂ SO ₃), % NDF	58.25	66.15		
aNDFom, % aNDFom	55.71	63.26		
Lignin (Sulfuric Acid), %	3.54	4.02		
Lignin % NDF, %	5.60	6.35		
uNDFom240, %	17.41	19.77		
NDFD240, % NDF	60.54	68.75		
Starch, %	2.39	2.71		
Fat (EE), %	2.61	2.96		

The reported analytical results apply only to the sample as it was supplied.
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Lab No.: 28864		FEED ANALYSIS REPORT		Date Reported: 08/05/2025
Feed Analysis Results		As Received	100% Dry Matter	
Total Fatty Acid (TFA), % TFA		0.87	0.99	
Ash, %		6.62	7.52	
Calcium, % Ca		0.35	0.40	
Phosphorus, % P		0.16	0.18	
Magnesium, % Mg		0.18	0.21	
Potassium, % K		1.61	1.83	
Sulfur, % S		0.22	0.25	
Sugar (ESC), %		7.81	8.87	
Sugar (WSC), %		9.03	10.26	
N.F.C., %		16.90	19.19	
Non-structural Carbohydrates, %		11.42	12.97	
RFV,		74.94	85.10	
Equine DE, Mcal/lb		0.85	0.97	
Equine TDN, %		45.15	51.27	
Chloride, % Cl		0.74	0.84	
		ADF	OARDC	
TDN	%	60.65	59.56	
NEI	Mcal/lb	0.62	0.61	
NEg	Mcal/lb	0.24	0.33	
NEm	Mcal/lb	0.50	0.59	

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Lab No.: 28864 **FEED ANALYSIS REPORT** **Date Reported:** 08/05/2025

Feed Analysis Results As Received 100% Dry Matter

USDA HAY QUALITY GUIDELINES: ALFALFA, ALFALFA/MIX (100% dry matter)

<u>QUALITY</u>	<u>RFV</u>	<u>ADF %</u>	<u>NDF %</u>	<u>%CP</u>
Supreme	> 185	< 27	< 34	> 22
Premium	170-185	27-29	34-36	20-22
Good	150-170	29-32	36-40	18-20
Fair	130-150	32-35	40-44	16-18
Utility	< 130	> 35	> 44	< 18

These **USDA marketing guidelines** are based primarily on alfalfa or alfalfa-grass mix for dairy cattle use. Suggested guidelines for other forages and other livestock uses are given below. Crude protein, visual appearance, intent of sale, end use, and other factors may influence final hay price. Regional pricing information is available from USDA Hay Marketing Service - Hay Reports at: www.ams.usda.gov/market-news/hay-reports

<u>RFV</u>	<u>SUGGESTED LIVESTOCK USES:</u>
> 150	Prime dairy cows; fresh and high producers
125 - 150	Good dairy cows; young heifers; backgrounding
105 - 125	Good beef cattle; older heifers; marginal for dairy cows
87 - 105	Maintenance of beef and dairy cows
75 - 87	May require supplementation
< 75	Will require supplementation

NIRs analysis performed utilizing Feedstuff Equations developed by Dairyland Labs, Inc.

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