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Lab No.: 23913		FEED ANALYSIS REPORT		Date Reported: 05/29/2026
<b>Send To:</b> 38697	ANDREA SHERRILL 600 COUNTY ROAD 117 BOLING, TX 77420			
<b>Results For:</b> <b>Feedstuff Description:</b> <b>Sample Identification:</b> <b>Date Received:</b>  <b>Invoice No.:</b>	SHERRILL FARMS BERMUDAGRASS HAY CENTRAL-JIGGS-1ST-2026 05/27/2026  395820		 Amy Meier Data Review Coordinator	
Feed Analysis Results                      As Received                      100% Dry Matter				
<b>Near Infrared Reflectance Spectroscopy (NIRS) Analysis</b>				
Moisture, %	13.6			
Dry Matter, %	86.4			
Crude Protein, %	7.02	8.13		
Adjusted Crude Protein, %	7.02	8.13		
AD-ICP, %	0.28	0.32		
ND-ICP (w/Na <sub>2</sub> SO <sub>3</sub> ), %	0.69	0.80		
Soluble Protein, % CP	25.17	29.15		
ADF, % ADF	32.09	37.16		
aNDF (w/Na <sub>2</sub> SO <sub>3</sub> ), % NDF	55.51	64.28		
aNDFom, % aNDFom	52.93	61.30		
Lignin (Sulfuric Acid), %	3.42	3.96		
Lignin % NDF, %	5.58	6.46		
uNDFom240, %	18.76	21.72		
NDFD240, % NDF	55.76	64.57		
Starch, %	3.26	3.78		
Fat (EE), %	2.20	2.55		

The reported analytical results apply only to the sample as it was supplied.  
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Feed Analysis Results		As Received	100% Dry Matter	
Total Fatty Acid (TFA), % TFA		0.99	1.15	
Ash, %		8.07	9.35	
Calcium, % Ca		0.33	0.38	
Phosphorus, % P		0.16	0.18	
Magnesium, % Mg		0.20	0.23	
Potassium, % K		1.49	1.73	
Sulfur, % S		0.19	0.22	
Sugar (ESC), %		9.24	10.70	
Sugar (WSC), %		11.19	12.96	
N.F.C., %		17.16	19.87	
Non-struct. Carbohydrates, % NSC		14.45	16.74	
RFV,		74.92	86.76	
Equine DE, Mcal/lb		0.78	0.90	
Equine TDN, %		40.70	47.13	
Chloride, % Cl		0.53	0.61	
		<b>ADF</b>	<b>OARDC</b>	
TDN	%	60.60	58.26	
NEI	Mcal/lb	0.62	0.59	
NEg	Mcal/lb	0.34	0.30	
NEm	Mcal/lb	0.60	0.56	

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Lab No.: 23913 **FEED ANALYSIS REPORT** Date Reported: 05/29/2026

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](http://www.ams.usda.gov/market-news/hay-reports)

**RFV**

**SUGGESTED LIVESTOCK USES:**

- > 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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