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Lab No.: 11404	FEED /	ANALYSIS REPORT	Date Reported: 11/10/2025
Send To: 33423	SOUTHWEST GRAIN NEW SWG 170 ELEVATOR RD PO BOX 220 NEW ENGLAND, ND 5864		NFTA 2025
Feedstuff Description: Sample Identification:	BILL GUSSEY HAY LOT M 11/07/2025		Hans Burken Lab Manager
PO Number:			
eed Analysis Results	As Received	100% Dry Matter	
	Near Infrared Ref	flectance Spectroscopy (NIR	S) Analysis
Moisture, %	11.3		
Dry Matter, %	88.7		
Crude Protein, %	6.17	6.96	
Adjusted Crude Protein, %	5.78	6.52	
AD-ICP, %	0.86	0.97	
ND-ICP (w/Na2SO3), %	0.64	0.72	
Soluble Protein, % CP	16.70	18.82	
ADF, % ADF	39.12	44.10	
aNDF (w/Na2SO3), % ND	F 53.58	60.40	
aNDFom, % aNDFom	50.17	56.56	
Lignin (Sulfuric Acid), %	5.45	6.14	
Lignin % NDF, %	9.63	10.86	
uNDFom240, %	20.35	22.94	
NDFD240, % NDF	52.73	59.44	
Starch, %	0.43	0.48	
Fat (EE), %	2.10	2.37	

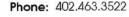


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eed Analysis Results	As Received	100% Dry Matter		
Total Fatty Acid (TFA), % TFA	0.76	0.86		
Ash, %	10.93	12.32		
Calcium, % Ca	0.44	0.50		
Phosphorus, % P	0.04	0.05		
Magnesium, % Mg	0.13	0.15		
Potassium, % K	0.44	0.50		
Sulfur, % S	0.12	0.14		
Sugar (ESC), %	7.17	8.08		
Sugar (WSC), %	8.10	9.13		
N.F.C., %	20.42	23.02		
RFV,	74.53	84.01		
Chloride, % CI	0.46	0.52		
TDN %	ADF OA 52.27 52.	RDC 04		
NEI Mcal/lb	0.53 0.5			
NEg Mcal/lb	0.23 0.2			
NEm Mcal/lb	0.48 0.4			



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Lab No.: 11404		FEED	ANALY	SIS REPORT	Date Reported: 11/10/2025
Feed Analysis Results		As Received	100% E	Ory Matter	
USDA HAY Q	UALITY GU	IDELINES: A	LFALFA, AI	LFALFA/MIX (100% dr)	r matter)
QUALITY	RFV	ADF %	NDF %	%CP	
Supreme	> 185	< 27	< 34	<u>%CP</u> > 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

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.