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Lab No.: 6194	FEED A	ANALYSIS REPOR	T Date Reported: 10/21/2024
Send To: 33423	SOUTHWEST GRAIN NEW SWG 170 ELEVATOR PO BOX 220 NEW ENGLAND, ND 5864		2024 Certified Winst ON ON ON ON ON ON ON ON ON O
			Hans Burken Lab Manager
Feed Analysis Results	As Received	100% Dry Matter	
	Near Infrared Ref	lectance Spectroscopy (N	IIRS) Analysis
Moisture, %	8.4		
Dry Matter, %	91.6		
Crude Protein, %	9.14	9.97	
Adjusted Crude Protein, %	9.14	9.97	
AD-ICP, %	0.71	0.78	
ND-ICP (w/Na2SO3), %	2.82	3.08	
Soluble Protein, % CP	26.29	28.69	
ADF, % ADF	33.16	36.19	
aNDF (w/Na2SO3), % ND	F 54.79	59.79	
aNDFom, % aNDFom	53.05	57.90	
Lignin (Sulfuric Acid), %	4.34	4.74	
Lignin % NDF, %	7.50	8.19	
uNDFom240, %	17.73	19.35	
NDFD240, % NDF	61.01	66.58	
Starch, %	0.87	0.95	
Fat (EE), %	3.03	3.31	



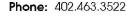
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Lab No.: 6194			FEED	ANAL	YSIS REPORT	Date Reported: 10/21/2024	
eed Analysis Result	s	As	Received	100%	Dry Matter		
Total Fatty Acid (TFA), % TFA		1.12		1.22		
Ash, %			8.95		9.77		
Calcium, % Ca			0.23		0.25		
Phosphorus, % P			0.23		0.25		
Magnesium, % Mg			0.14		0.15		
Potassium, % K			2.29		2.50		
Sulfur, % S			0.14		0.15		
Sugar (ESC), %			8.56		9.34		
Sugar (WSC), %			10.03		10.95		
N.F.C., %			21.28		23.22		
RFV,			86.67		94.59		
Chloride, % Cl			0.47		0.51		
NEI NEg N	% /Ical/lb /Ical/lb /Ical/lb	ADF 60.71 0.62 0.23 0.48	5. 0. 0.	ARDC 7.71 59 30 56			



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Lab No.: 6194		FEED	ANALY	SIS REPORT	Date Reported: 10/21/2024
Feed Analysis Results		As Received	100% E	Ory Matter	200
USDA HAY Q	UALITY GUI	DELINES: A	LFALFA, AI	FALFA/MIX (100% o	lry matter)
QUALITY Supreme Premium Good Fair Utility	RFV > 185 170-185 150-170 130-150 < 130	ADF % < 27 27-29 29-32 32-35 > 35	NDF % < 34 34-36 36-40 40-44 > 44	%CP > 22 20-22 18-20 16-18 < 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>	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.