

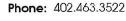
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1602 Park West Dr. • PO Box 169 • Hastings, NE 68902 www.servitech.com

Lab No.: 6199	FEED A	NALYSIS REPORT	Date Reported: 10/21/2024	
33423	SOUTHWEST GRAIN NEW SWG 170 ELEVATOR PO BOX 220 NEW ENGLAND, ND 5864	/ ENGLAND	2024 Ceftified Canner of North April 1990 Out of North April 1990 Ou	
Feedstuff Description: Sample Identification: Date Received: Invoice No.:		1009/ Day Mottor	Hans Burken Lab Manager	
eed Analysis Results	As Received	100% Dry Matter		
	Near Infrared Ref	lectance Spectroscopy (NIF	RS) Analysis	
Moisture, %	11.1			
Dry Matter, %	88.9			
Crude Protein, %	5.91	6.64		
Adjusted Crude Protein, %	5.67	6.37		
AD-ICP, %	0.74	0.83		
ND-ICP (w/Na2SO3), %	2.45	2.75		
Soluble Protein, % CP	14.60	16.42		
ADF, % ADF	34.67	38.98		
aNDF (w/Na2SO3), % NDF		60.96		
aNDFom, % aNDFom	51.61	58.03		
Lignin (Sulfuric Acid), %	4.79	5.39		
Lignin % NDF, %	8.26	9.29		
uNDFom240, %	20.47	23.02		
NDFD240, % NDF	53.66	60.33		
Starch, %	0.22	0.25		
Fat (EE), %	3.69	4.15		



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Lab No.: 6199			FEED A	ANALYSIS REPORT 100% Dry Matter	Date Reported: 10/21/2024
eed Analysis Result	S	As	Received	100% Dry Matter	
Total Fatty Acid (TFA), % TFA		1.39	1.56	
Ash, %			6.71	7.54	
Calcium, % Ca			0.45	0.51	
Phosphorus, % P		0.11	0.12		
Magnesium, % Mg		0.21	0.24		
Potassium, % K		1.24	1.39		
Sulfur, % S		0.23	0.26		
Sugar (ESC), %		9.13	10.26		
Sugar (WSC), %			10.66	11.99	
N.F.C., %			24.89	27.98	
RFV,			79.49	89.38	
Chloride, % Cl			0.44	0.50	
NEI I NEg I	% Mcal/lb Mcal/lb Mcal/lb	ADF 58.53 0.60 0.25 0.50	OAI 59.0 0.60 0.3° 0.56) 1	



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Lab No. : 6199		FEED	ANALY	SIS REPORT	Date Reported: 10/21/2024
Feed Analysis Results		As Received	100% E	Ory Matter	
USDA HAY Q	UALITY GU	DELINES: A	LFALFA, Al	_FALFA/MIX (100% dry	v 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

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.