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

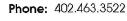
www.servitech.com

Phone: 402.463.3522

800.557.7509

Fax: 402.463.8132

Lab No. : 6202	FEED A	NALYSIS REPORT	Date Reported: 10/21/2024
33423	SOUTHWEST GRAIN NEW SWG 170 ELEVATOR PO BOX 220 NEW ENGLAND, ND 58647	2024 Certified NIRS ON ON ON ON ON ON ON ON ON O	
Sample Identification:	GRASS HAY LOT M GRASS 10/18/2024	100% Dry Matter	Hans Burken Lab Manager
Harris Description	Near Infrared Refi	ectance Spectroscopy (NIR	S) Analysis
Moisture, %	10.9	ootanoo opootioooopy (iiii.	o, may co
Dry Matter, %	89.1		
Crude Protein, %	7.10	7.97	
Adjusted Crude Protein, %	7.03	7.89	
AD-ICP, %	0.76	0.85	
ND-ICP (w/Na2SO3), %	2.57	2.88	
Soluble Protein, % CP	16.44	18.44	
ADF, % ADF	34.34	38.53	
aNDF (w/Na2SO3), % NDF	53.42	59.94	
aNDFom, % aNDFom	50.86	57.06	
Lignin (Sulfuric Acid), %	5.25	5.89	
Lignin % NDF, %	9.20	10.32	
uNDFom240, %	21.06	23.63	
NDFD240, % NDF	52.22	58.59	
Starch, %	1.58	1.77	
Fat (EE), %	2.99	3.35	



800.557.7509

Fax: 402.463.8132

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

Lab No. : 6202			FEED	ANALYSIS REPO	RT Date Reported: 10/21/2024
eed Analysis Resul	ts	As	Received	100% Dry Matter	
Total Fatty Acid (TF	A), % TFA		1.17	1.31	
Ash, %			6.98	7.83	
Calcium, % Ca	Calcium, % Ca		0.51	0.57	
Phosphorus, % P		0.14	0.16		
Magnesium, % Mg		0.22	0.25		
Potassium, % K	otassium, % K		1.55	1.74	
Sulfur, % S		0.22	0.25		
Sugar (ESC), %	Sugar (ESC), %		7.99	8.97	
Sugar (WSC), %			9.57	10.74	
N.F.C., %		24.70	27.71		
RFV,			81.38	91.30	
Chloride, % Cl			0.65	0.73	
NEg	% Mcal/lb Mcal/lb Mcal/lb	ADF 58.89 0.60 0.26 0.51	56 0. 0.	ARDC 8.00 59 30 55	



www.servitech.com

130-150

< 130

Fair

Utility

Phone: 402.463.3522

800.557.7509

Fax: 402.463.8132

Lab No.: 6202		FEED	ANALY	SIS REPORT	Date Reported: 10/21/2024
Feed Analysis Results		As Received	d 100% E	Ory Matter	
USDA HAY Q	UALITY GUI	DELINES: A	LFALFA, Al	LFALFA/MIX (100% d	ry matter)
<u>QUALITY</u>	<u>RFV</u>	ADF %	NDF %	<u>%СР</u>	
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	

16-18

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

40-44

SUGGESTED LIVESTOCK USES:
Prime dairy cows; fresh and high producers
Good dairy cows; young heifers; backgrounding
Good beef cattle; older heifers; marginal for dairy cows
Maintenance of beef and dairy cows
May require supplementation
Will require supplementation

32-35

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