






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

Phone: 402.463.3522

800.557.7509

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Lab No.: 11407		FEED ANALYSIS REPORT		Date Reported: 11/10/2025	
<b>Send To:</b> 33423		SOUTHWEST GRAIN NEW ENGLAND SWG 170 ELEVATOR RD PO BOX 220 NEW ENGLAND, ND 58647		 	
<b>Results For:</b> <b>Feedstuff Description:</b> <b>Sample Identification:</b> <b>Date Received:</b>  <b>Invoice No.:</b> <b>PO Number:</b>		BILL GUSSEY HAY LOT P 11/07/2025  777515 4900352482		 Hans Burken Lab Manager	
Feed Analysis Results      As Received      100% Dry Matter					
Nitrate Nitrogen, mg/kg NO3-N      2190					
Near Infrared Reflectance Spectroscopy (NIRS) Analysis					
Moisture, %		15.2			
Dry Matter, %		84.8			
Crude Protein, %		11.32		13.36	
Adjusted Crude Protein, %		11.32		13.36	
AD-ICP, %		1.00		1.18	
ND-ICP (w/Na2SO3), %		1.80		2.12	
Soluble Protein, % CP		29.12		34.36	
ADF, % ADF		36.27		42.79	
aNDF (w/Na2SO3), % NDF		46.69		55.08	
aNDFom, % aNDFom		44.55		52.56	
Lignin (Sulfuric Acid), %		6.07		7.16	
Lignin % NDF, %		11.55		13.62	
uNDFom240, %		20.93		24.69	
NDFD240, % NDF		44.95		53.03	
Starch, %		4.46		5.26	



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Feed Analysis Results		As Received	100% Dry Matter	
Fat (EE), %		2.42	2.86	
Total Fatty Acid (TFA), % TFA		1.14	1.35	
Ash, %		10.76	12.69	
Calcium, % Ca		0.55	0.65	
Phosphorus, % P		0.23	0.27	
Magnesium, % Mg		0.29	0.34	
Potassium, % K		2.58	3.04	
Sulfur, % S		0.22	0.26	
Sugar (ESC), %		4.09	4.83	
Sugar (WSC), %		5.47	6.45	
N.F.C., %		17.94	21.16	
RFV,		79.55	93.85	
Chloride, % Cl		0.80	0.94	
		<u>ADF</u>	<u>OARDC</u>	
TDN	%	53.76	52.33	
NEI	Mcal/lb	0.54	0.53	
NEg	Mcal/lb	0.25	0.24	
NEm	Mcal/lb	0.50	0.50	
<p><b>NITRATE: HIGH (2101 - 2800 mg/kg NO<sub>3</sub>-N):</b> Suggest limiting this feedstuff to about 1/3 to 1/2 of the total dry matter intake in diets for non-pregnant ruminants. Not advised for use with pregnant ruminants. Considered safe for horses.</p> <p>Feeding forages with potentially high nitrate levels requires careful management and observation. Limit access to the high nitrate forage, as necessary, especially if livestock are hungry. Avoid overconsumption by introducing livestock gradually to rations including high nitrate forages. Dilute high nitrate forages with low nitrate feedstuffs as described above to help avoid a toxic dose of nitrate. Feed a balanced ration with adequate energy.</p> <p>Nitrate levels in standing forages can change between sampling and harvest. Retest harvested and cured forage before feeding to livestock.</p>				



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<p><b>These USDA marketing guidelines</b> 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: <a href="http://www.ams.usda.gov/market-news/hay-reports">www.ams.usda.gov/market-news/hay-reports</a></p>																																														
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