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Lab No.: 10106		FEED ANALYSIS REPORT		Date Reported: 11/07/2023
Send To: 33423	SOUTHWEST GRAIN NEW ENGLAND SWG 170 ELEVATOR PO BOX 220 NEW ENGLAND, ND 58647			
Results For:	BILL GUSSEY	 Hans Burken Lab Manager		
Feedstuff Description:	GRASS HAY			
Sample Identification:	GRASS B2 <i>CRP</i>			
Date Received:	11/06/2023			
Invoice No.:	750189			
Feed Analysis Results As Received 100% Dry Matter				
Near Infrared Reflectance Spectroscopy (NIRS) Analysis				
Moisture, %	14.5			
Dry Matter, %	85.5			
Crude Protein, %	4.14	4.84		
Adjusted Crude Protein, %	3.12	3.65		
AD-ICP, %	1.05	1.23		
ND-ICP (w/Na2SO3), %	3.13	3.66		
Soluble Protein, % CP	4.27	5.00		
ADF, % ADF	36.06	42.18		
aNDF (w/Na2SO3), % NDF	53.41	62.48		
aNDFom, % aNDFom	51.19	59.88		
Lignin (Sulfuric Acid), %	4.24	4.96		
Lignin % NDF, %	7.08	8.28		
uNDFom240, %	19.02	22.25		
NDFD240, % NDF	53.72	62.84		
Starch, %	2.17	2.54		
Fat (EE), %	3.21	3.76		

The reported analytical results apply only to the sample as it was supplied.
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Feed Analysis Results		As Received	100% Dry Matter	
Total Fatty Acid (TFA), % TFA		0.97	1.13	
Ash, %		7.77	9.09	
Calcium, % Ca		0.35	0.41	
Phosphorus, % P		0.09	0.10	
Magnesium, % Mg		0.13	0.15	
Potassium, % K		0.79	0.92	
Sulfur, % S		0.14	0.16	
Sugar (ESC), %		7.53	8.81	
Sugar (WSC), %		9.55	11.17	
N.F.C., %		23.70	27.72	
RFV,		71.31	83.41	
Chloride, % Cl		0.21	0.24	
		<u>ADF</u>	<u>OARDC</u>	
TDN	%	56.04	57.03	
NEI	Mcal/lb	0.57	0.58	
NEg	Mcal/lb	0.24	0.27	
NEm	Mcal/lb	0.49	0.52	

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