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Lab No.: 10109		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: Feedstuff Description: Sample Identification: Date Received: Invoice No.:	BILL GUSSEY HAY, MIXED GRASS ALFALFA S 11/06/2023 750189		 Hans Burken Lab Manager	
Feed Analysis Results As Received 100% Dry Matter				
Near Infrared Reflectance Spectroscopy (NIRS) Analysis				
Moisture, %	12.5			
Dry Matter, %	87.5			
Crude Protein, %	7.24	8.27		
Adjusted Crude Protein, %	6.96	7.95		
AD-ICP, %	0.90	1.03		
ND-ICP (w/Na2SO3), %	2.92	3.34		
Soluble Protein, % CP	12.49	14.27		
ADF, % ADF	32.92	37.61		
aNDF (w/Na2SO3), % NDF	49.03	56.01		
aNDFom, % aNDFom	47.07	53.77		
Lignin (Sulfuric Acid), %	4.49	5.13		
Lignin % NDF, %	8.35	9.54		
uNDFom240, %	16.97	19.39		
NDFD240, % NDF	55.97	63.94		
Starch, %	2.29	2.62		
Fat (EE), %	3.03	3.46		

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	1.11	
Ash, %		6.95	7.94	
Calcium, % Ca		0.53	0.61	
Phosphorus, % P		0.15	0.17	
Magnesium, % Mg		0.18	0.20	
Potassium, % K		1.06	1.21	
Sulfur, % S		0.18	0.21	
Sugar (ESC), %		9.53	10.89	
Sugar (WSC), %		10.85	12.39	
N.F.C., %		27.36	31.25	
RFV,		86.55	98.87	
Chloride, % Cl		0.25	0.28	
		ADF	OARDC	
TDN	%	59.60	59.74	
NEI	Mcal/lb	0.61	0.61	
NEg	Mcal/lb	0.28	0.32	
NEm	Mcal/lb	0.53	0.58	

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