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Lab No.: 2311		FEED ANALYSIS REPORT	Date Reported: 10/10/2022
Send To: 53929	SCOTT BRYANT 13690 TILFORD RD STURGIS, SD 57785		
Results For: Feedstuff Description: Sample Identification: Date Received:		SCOTT BRYANT HAY, MIXED 3 CRESTED WHEAT/ALFLAFA HAY 10/07/2022	 Hans Burken Lab Manager
Invoice No.:	734496		
Feed Analysis Results			
	As Received	100% Dry Matter	
Moisture, %	11.6		
Dry Matter, %	88.4		
Crude Protein, %	4.2	4.7	
Acid Detergent Fiber, % ADF	38.2	43.2	
Neutral Detergent Fiber, % NDF	63.1	71.4	
Total Digestible Nutrients, % TDN	48.0	54.3	
Net Energy, Maint, Mcal/lb	0.45	0.51	
Net Energy, Gain, Mcal/lb	0.22	0.25	
Net Energy, Lact, Mcal/lb	0.49	0.55	
Digestible Energy, Mcal/lb Beef D.E.	0.96	1.09	
Met. Energy, Beef, Mcal/lb	0.79	0.89	
Relative Feed Value, (RFV)		72	
<p>RELATIVE FEED VALUE formula is: $RFV = (DDM \times DMI) / 1.29$ $DDM = 88.9 - (0.779 \times \%ADF)$ $DMI = 120 / \%NDF$</p> <p>The RFV index calculation was developed to rank the potential digestible dry matter intake of cool-season legumes, grasses, and legume/grass mixtures fed to lactating dairy cattle. A reference hay of 100 RFV has 41% ADF and 53% NDF (e.g., full-bloom alfalfa hay). Digestible dry matter (DDM) estimates the total feed digestibility. Dry matter intake (DMI) estimates animal feed consumption as percent of body weight. RFV values can be used to compare forage varieties, to match hay/silage inventories with animal inventories, and to market hay. The ServiTech Laboratories have been certified annually by the National Forage Testing Association since 1986.</p>			

The reported analytical results apply only to the sample as it was supplied.
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