

Account No. : 38668

NIR Analysis Report

ANDERSON, MATT
22700 220TH RD
RIVERDALE

NE 68870

Invoice No. : 1442850
 Date Received : 03/17/2025
 Date Reported : 03/19/2025

Lab Number : 1976

Results For : MATT ANDERSON
 Sample ID : K SS MILLET
 Description : CANE HAY

	Analysis As Received	Analysis Dry Basis
Moisture, %	9.40	0.00
Dry Matter, %	90.60	100.00
PROTEIN		
Crude Protein, %	10.0	11.0
FIBERS		
Acid Detergent Fiber, %	31.3	34.5
Neutral Detergent Fiber, %	49.5	54.7
NDFD (digestibility) 48 hr, % of NDF		72
IVTDM (in vitro true digestibility) 48 hr, %	75.3	83.1
ENERGIES		
TDN Est., %	53.2	58.7
Net Energy Lact, MCal/lb	0.5417	0.5979
Net Energy Maint, MCal/lb	0.5187	0.5725
Net Energy Gain, MCal/lb	0.2847	0.3143
QUALITY VALUE		
Relative Feed Value		106
Relative Forage Quality		126
MINERALS		
Calcium, % Ca	0.41	0.45
Phosphorus, % P	0.24	0.26
Potassium, % K	2.52	2.78
Magnesium, % Mg	0.18	0.20
Ash, %	9.89	10.92
OTHER ANALYSIS		
*Nitrate, ppm NO ₃ -N		1018
Safety Level	Safe	
Fat, %	1.8	2.0
Starch, %	0.6	0.6
Lignin, %	2.34	2.58
Non Fiber Carbohydrates, %	19.4	21.4
Ethanol-Soluble Carbohydrates, %	9.7	10.7

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Reviewed By : Rebecca Kern

3/20/2025

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Ag Testing - Consulting

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	Analysis As Received	Analysis Dry Basis
Water-Soluble Carbohydrates, %	10.9	12.0
*-Result By Wet Chemistry		