

Ag Testing - Consulting

Account No. : 30869

Lot

NIR Analysis Report

4 & 5

ANDERSON, BRYCE
11653 742 RD
HOLDREGE

NE 68949

Invoice No. : 1439242
Date Received : 01/09/2025
Date Reported : 01/13/2025

Lab Number : 161

Results For : BRYCE ANDERSON
Sample ID : BOOT HILL
Description : HAY

	Analysis As Received	Analysis Dry Basis
Moisture, %	16.69	0.00
Dry Matter, %	83.31	100.00
PROTEIN		
Crude Protein, %	4.8	5.8
FIBERS		
Acid Detergent Fiber, %	33.3	40.0
Neutral Detergent Fiber, %	50.7	60.9
NDFD (digestibility) 48 hr, % of NDF		58
IVTDMD (in vitro true digestibility) 48 hr, %	61.7	74.0
ENERGIES		
TDN Est., %	44.2	53.1
Net Energy Lact, MCal/lb	0.4458	0.5351
Net Energy Maint, MCal/lb	0.4045	0.4855
Net Energy Gain, MCal/lb	0.1950	0.2341
QUALITY VALUE		
Relative Feed Value		88
Relative Forage Quality		84
MINERALS		
Calcium, % Ca	0.19	0.23
Phosphorus, % P	0.18	0.22
Potassium, % K	2.10	2.52
Magnesium, % Mg	0.14	0.17
Ash, %	8.19	9.83
OTHER ANALYSIS		
*Nitrate, ppm NO ₃ -N		122
Safety Level	Safe	
Fat, %	1.6	2.0
Starch, %	2.8	3.4
Lignin, %	3.07	3.68
Non Fiber Carbohydrates, %	17.9	21.5
Ethanol-Soluble Carbohydrates, %	9.1	10.9

[Click here for Report Interpretation](#)

Reviewed By : Rebecca Kern

1/14/2025

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