

Account:
 94283
 BRETT BOYCE
 80027 ENGLEHOFF CANYON RD
 NORTH LOUP NE 68859

Report Type: Feed
Invoice No.:
Date Received: 4/10/2024
Date Reported: 4/15/2024
Lab Number: F24-004898

Results For: BRETT BOYCE
Sample ID: FRAZER 4TH CUTTING 4
Description: ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture %	14.81	0.00
Dry Matter %	85.19	100.00
Crude Protein %	15.56	18.26
Heat Damaged Protein (HDP)/ADF Insoluble Crude Protein (ADICP) % of crude protein	0.78	0.91
NDF Insoluble Crude Protein (NDICP) % of crude protein	1.58	1.85
Insoluble Protein %	10.42	12.23
Soluble Protein %	5.14	6.03
Dairy Dry Matter Intake (DMI), % of BW		2.97
Ruminant Summative Total Digestible Nutrients (TDN), %		56.97
Ruminant Metabolizable Energy (ME), Mcal/kg		2.06
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.58
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.29
Ruminant Net Energy of Maintenance (NEm), Mcal/lb		0.55
Relative Feed Value (RFV)		143
Relative Forage Quality (RFQ)		138
Crude Fat %	1.64	1.92
Ash %	9.27	10.88
Acid Detergent Fiber (ADF) %	28.42	33.36
Amylase-treated Neutral Detergent Fiber (aNDF) %	34.75	40.79
NDF Digestibility at 48 hours (NDFD48) %	39.06	45.84
Digestible NDF at 48 hours (dNDF48) % of NDF	15.93	18.70
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	65.46	76.84
Digestible NDF at 30 hours (dNDF30) % of NDF	13.24	15.54
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	63.05	74.01
Lignin %	6.07	7.13
Total Starch %	1.08	1.27

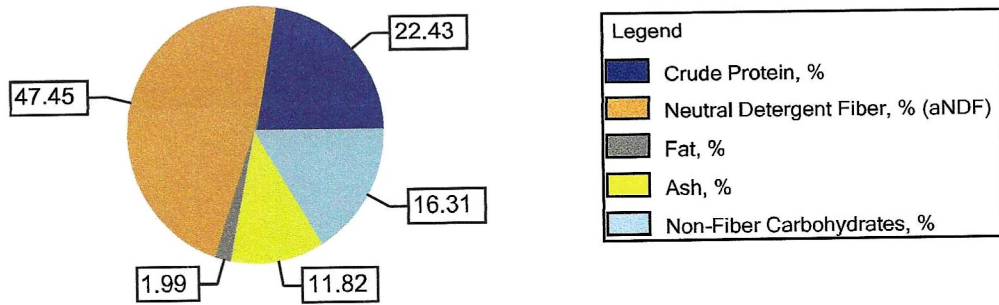
Reviewed by: Kern-Lunbery, Rebecca

Water Soluble Carbohydrates (WSC) %	3.27	3.97
Ethanol Soluble Carbohydrates (ESC) %	2.29	2.78
Non-Fiber Carbohydrates (NFC), %		16.31

*-Results By Wet Chemistry

Report Comment:

Forage Report



Reviewed by: Kern-Lunbery, Rebecca