

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

Boyce
3rd Cutting

Report Type: Feed
Invoice No.:
Date Received: 4/10/2024
Date Reported: 4/15/2024
Lab Number: F24-004897

Results For: BRETT BOYCE
Sample ID: FRAZER 3RD CUTTING 3
Description: ALFALFA

	Analysis As Received	Analysis Dry Basis
Moisture %	17.66	0.00
Dry Matter %	82.34	100.00
Crude Protein %	18.47	22.43
Heat Damaged Protein (HDP)/ADF Insoluble Crude Protein (ADICP) % of crude protein	1.48	1.80
NDF Insoluble Crude Protein (NDICP) % of crude protein	3.67	4.46
Insoluble Protein %	11.01	13.37
Soluble Protein %	7.46	9.06
Dairy Dry Matter Intake (DMI), % of BW		2.68
Ruminant Summative Total Digestible Nutrients (TDN), %		54.21
Ruminant Metabolizable Energy (ME), Mcal/kg		1.96
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.55
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.25
Ruminant Net Energy of Maintenance (NEm), Mcal/lb		0.50
Relative Feed Value (RFV)		118
Relative Forage Quality (RFQ)		118
Crude Fat %	1.64	1.99
Ash %	9.73	11.82
Acid Detergent Fiber (ADF) %	30.41	36.93
Amylase-treated Neutral Detergent Fiber (aNDF) %	39.07	47.45
NDF Digestibility at 48 hours (NDFD48) %	41.44	50.33
Digestible NDF at 48 hours (dNDF48) % of NDF	19.66	23.88
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	62.35	75.73
Digestible NDF at 30 hours (dNDF30) % of NDF	15.63	18.98
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	58.60	71.17
Lignin %	6.04	7.34
Total Starch %	0.88	1.07

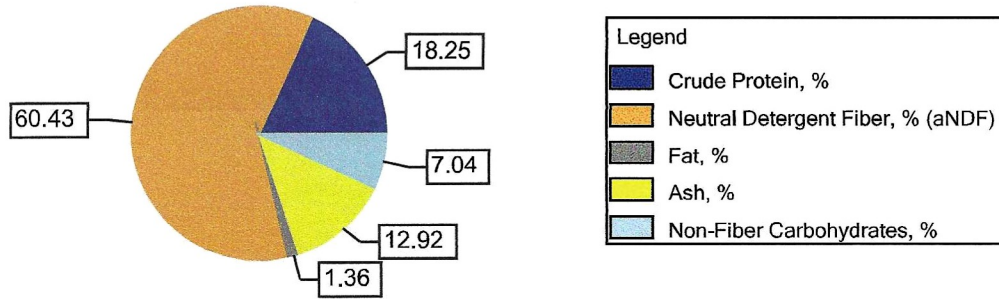
Reviewed by: Kern-Lunbery, Rebecca

Water Soluble Carbohydrates (WSC) %	1.88	2.47
Ethanol Soluble Carbohydrates (ESC) %	0.78	1.03
Non-Fiber Carbohydrates (NFC), %		7.04

*-Results By Wet Chemistry

Report Comment:

Forage Report



Reviewed by: Kern-Lunbery, Rebecca