

Sweet Bal Feed Analysis Results

Dickinson County, KS – Dryland – Harvested Fall 2024

Moisture %	74.80	0.00
Dry Matter %	25.20	100.00
Crude Protein %	1.97	7.83
Heat Damaged Protein (HDP)/ADF Insoluble Crude Protein (ADICP) % of crude protein	0.07	0.26
NDF Insoluble Crude Protein (NDICP) % of crude protein	0.19	0.77
Insoluble Protein %	0.81	3.23
Soluble Protein %	1.16	4.60
Dairy Dry Matter Intake (DMI), % of BW		2.88
Ruminant Summative Total Digestible Nutrients (TDN), %		67.81
Ruminant Metabolizable Energy (ME), Mcal/kg		2.45
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.70
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.44
Ruminant Net Energy of Maintenance (NE _m), Mcal/lb		0.71
Relative Feed Value (RFV)		120
Relative Forage Quality (RFQ)		159
Crude Fat %	0.72	2.84
Ash %	1.10	4.37
Acid Detergent Fiber (ADF) %	7.59	30.12
Amylase-treated Neutral Detergent Fiber (aNDF) %	12.75	50.60
NDF Digestibility at 48 hours (NDFD48) %	15.98	63.42
Digestible NDF at 48 hours (dNDF48) % of NDF	8.09	32.09
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	20.59	81.70
Digestible NDF at 30 hours (dNDF30) % of NDF	6.72	26.67
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	19.85	78.77
Lignin %	0.80	3.19
Total Starch %	1.55	6.14

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Water Soluble Carbohydrates (WSC) %	4.62	18.32
Ethanol Soluble Carbohydrates (ESC) %	3.61	14.32
Non-Fiber Carbohydrates (NFC), %		34.36

*-Results By Wet Chemistry

Report Comment:

Forage Report

