

# BMR 5515 D Feed Analysis Results

Dickinson County, KS – Dryland – Harvested Fall 2024

<b>Moisture %</b>	<b>76.34</b>	<b>0.00</b>
<b>Dry Matter %</b>	<b>23.66</b>	<b>100.00</b>
<b>Crude Protein %</b>	<b>2.17</b>	<b>9.16</b>
Heat Damaged Protein (HDP)/ADF Insoluble Crude Protein (ADICP) % of crude protein	0.01	0.06
NDF Insoluble Crude Protein (NDICP) % of crude protein	0.21	0.89
Insoluble Protein %	0.62	2.63
Soluble Protein %	1.54	6.53
Dairy Dry Matter Intake (DMI), % of BW		3.07
<b>Ruminant Summative Total Digestible Nutrients (TDN), %</b>		<b>67.82</b>
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 <sub>m</sub> ), Mcal/lb		0.71
<b>Relative Feed Value (RFV)</b>		<b>119</b>
<b>Relative Forage Quality (RFQ)</b>		<b>169</b>
Crude Fat %	0.74	3.14
Ash %	1.86	7.86
Acid Detergent Fiber (ADF) %	7.39	31.25
Amylase-treated Neutral Detergent Fiber (aNDF) %	11.93	50.42
NDF Digestibility at 48 hours (NDFD48) %	16.55	69.95
Digestible NDF at 48 hours (dNDF48) % of NDF	8.34	35.27
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	20.59	87.01
Digestible NDF at 30 hours (dNDF30) % of NDF	7.81	33.00
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	20.07	84.83
Lignin %	0.41	1.74
Total Starch %	0.42	1.76

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Water Soluble Carbohydrates (WSC) %	4.47	18.89
Ethanol Soluble Carbohydrates (ESC) %	3.56	15.05
Non-Fiber Carbohydrates (NFC), %		29.42

\*-Results By Wet Chemistry

Report Comment:

## Forage Report

