

# BMR 5524D Feed Analysis Results

Dickinson County, KS – Dryland – Harvested Fall 2024

<b>Moisture %</b>	<b>73.47</b>	<b>0.00</b>
<b>Dry Matter %</b>	<b>26.53</b>	<b>100.00</b>
<b>Crude Protein %</b>	<b>3.01</b>	<b>11.34</b>
Heat Damaged Protein (HDP)/ADF Insoluble Crude Protein (ADICP) % of crude protein	0.08	0.32
NDF Insoluble Crude Protein (NDICP) % of crude protein	0.33	1.26
Insoluble Protein %	1.10	4.13
Soluble Protein %	1.91	7.21
Dairy Dry Matter Intake (DMI), % of BW		3.06
<b>Ruminant Summative Total Digestible Nutrients (TDN), %</b>		<b>66.53</b>
Ruminant Metabolizable Energy (ME), Mcal/kg		2.40
Ruminant Net Energy of Lactation (NEL), Mcal/lb		0.68
Ruminant Net Energy of Gain (NEg), Mcal/lb		0.42
Ruminant Net Energy of Maintenance (NE <sub>m</sub> ), Mcal/lb		0.69
<b>Relative Feed Value (RFV)</b>		<b>124</b>
<b>Relative Forage Quality (RFQ)</b>		<b>166</b>
Crude Fat %	0.83	3.14
Ash %	2.16	8.13
Acid Detergent Fiber (ADF) %	8.18	30.83
Amylase-treated Neutral Detergent Fiber (aNDF) %	12.95	48.81
NDF Digestibility at 48 hours (NDFD48) %	17.71	66.75
Digestible NDF at 48 hours (dNDF48) % of NDF	8.64	32.58
In Vitro True Dry Matter Digestibility at 48 hours (IVTDMD48) %	22.30	84.04
Digestible NDF at 30 hours (dNDF30) % of NDF	8.15	30.72
In Vitro True Dry Matter Digestibility at 30 hours (IVTDMD30) %	21.81	82.18
Lignin %	0.68	2.57
Total Starch %	1.72	6.49

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Water Soluble Carbohydrates (WSC) %	3.20	12.05
Ethanol Soluble Carbohydrates (ESC) %	2.42	9.11
Non-Fiber Carbohydrates (NFC), %		28.58

\*-Results By Wet Chemistry

**Report Comment:**

## Forage Report

