

Account No.: 107030 (0)	Test Package: SelectIPackage Handling 5
Sampled By: James Davis	Feed Type: Hay - Grass
Sampled For: James Davis	Sub Type: Mixed grass hay
Description: 1st Cut Indiana — Orchard Grass & Timothy	

Nutritional Analysis

Analyte	Unit	Value (Dry Basis)	90% Range*
Moisture	%	10.10	—
Dry Matter	%	89.90	—
Crude Protein (CP)	%DM	8.61	4.95 – 16.48
ADICP	% CP	14.40	5.83 – 23.42
NDICPss	% CP	26.95	—
SCP	% CP	26.02	8.61 – 48.90
ADF	%DM	38.09	31.75 – 50.23
aNDF	%DM	51.15	53.68 – 70.72
aNDFom	%DM	48.21	51.30 – 67.40
Lignin	% NDFom	12.49	—
Lignin	%DM	6.02	3.94 – 9.40
NDFDom30	% NDFom	44.02	39.78 – 61.40
NDFDom240	% NDFom	61.34	59.92 – 76.36
uNDFom30	%DM	26.99	21.58 – 39.33
uNDFom240	%DM	18.64	13.25 – 26.01
Sugar (ESC)	%DM	7.20	2.16 – 10.37
Sugar (WSC)	%DM	10.64	3.29 – 12.93
Starch	%DM	3.52	0.25 – 7.32
Fat (EE)	%DM	2.32	1.58 – 3.71
Total Fatty Acids	%DM	1.09	0.49 – 2.17
Ash	%DM	8.87	6.12 – 13.03
Calcium (Ca)	%DM	0.82	0.25 – 1.15
Phosphorus (P)	%DM	0.17	0.11 – 0.35

Magnesium (Mg)	%DM	0.28	0.12 – 0.33
Potassium (K)	%DM	1.09	0.69 – 3.03
Sulfur (S)	%DM	0.10	0.07 – 0.25
Chloride (Cl)	%DM	0.45	0.07 – 0.89

* Mixed grass hay statistics provided for comparison.

Energy & Calculations

Calculation	Unit	ADF	OARDC	MLK13
TDN 1x		59.23	58.65	55.98
NEL 3x	Mcal/cwt	60.58	59.74	64.29
NEg	Mcal/cwt	33.80	30.75	27.50
NEm	Mcal/cwt	59.86	56.52	52.98
Milk/ton	lbs/ton	—	—	2,791

Additional Calculations	Unit	Value
NFC	%DM	34.54
RFV		107.71
RFQ		100.88
NDF kd rate MIR_P1	%/hr	4.29
Adjusted Crude Protein	%DM	8.00