

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.
 St. Cloud, MN 56302
 Telephone 320-240-1737

Report date: 1/ 8/2020
 Sample number: 003-2001-001795

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKE FARM

PRODUCT: lot 15 19 2nd cut teff (1B - N9V)

Moisture % 14.88%
 Dry Matter % 85.12%

Mixed grass hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	12.32%	9.38	4.95 - 16.48
ADF	%DM	35.61%	40.44	31.75 - 50.23
aNDF	%DM	56.12%	60.92	48.19 - 72.71
aNDFom	%DM	53.63%	57.38	43.04 - 68.85
Lignin (Sulfuric Acid)	%DM	5.11%	6.52	3.94 - 9.40
Lignin	%NDF	9.53%		
Lignin input (uNDF/2.4)	%DM	7.08%		
NDFD 24	%NDF	50.23%	44.47	31.08 - 58.96
NDFD 30	%NDF	53.40%	49.20	36.20 - 65.52
NDFD 240	%NDF	68.32%	66.50	52.42 - 80.59
uNDFom24	%DM	26.69%	31.41	18.71 - 43.44
uNDFom30	%DM	24.99%	28.34	14.70 - 40.90
uNDFom240	%DM	16.99%	19.99	10.26 - 30.38
AD-ICP	%DM	0.86%	1.15	0.62 - 1.79
ND-ICP w/ SS	%DM	3.76%	3.31	1.29 - 4.68
Protein Sol.	%CP	20.54%	26.07	8.61 - 48.90
Starch	%DM	3.93%	1.81	0.25 - 7.32
Fat (EE)	%DM	2.50%	2.57	1.58 - 3.71
Total Fatty Acid (TFA)	%DM	1.15%	1.19	0.49 - 2.17
16:0 Palmitic	%DM	0.23%	0.21	0.08 - 0.32
18:0 Stearic	%DM	0.04%	0.05	0.02 - 0.08
18:1 Oleic	%DM	0.10%	0.08	0.03 - 0.12
18:2 Linoleic	%DM	0.23%	0.12	0.02 - 0.25
18:3 Linolenic	%DM	0.53%	0.40	0.02 - 0.75
Ash	%DM	9.66%	9.35	6.12 - 13.03
Calcium	%DM	0.40%	0.61	0.25 - 1.15
Phosphorus	%DM	0.32%	0.22	0.11 - 0.35
Magnesium	%DM	0.21%	0.20	0.12 - 0.33
Potassium	%DM	2.58%	1.82	0.69 - 3.03
Sulfur	%DM	0.18%	0.14	0.07 - 0.25
Sugar (ESC)	%DM	5.68%	6.34	2.16 - 10.37
Sugar (WSC)	%DM	7.56%	8.25	3.29 - 12.93

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Adjusted Crude Protein	%	12.32%
NFC	%	26.00%
RFV		101.46
RFQ		139.07
NDF kd rate Van Amb	%/hr	4.07%
NDF kd rate MIR_P1	%/hr	5.41%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	61.16	58.54	57.60
Nel 3x	Mcal/cwt	62.73	59.74	61.21
Neg	Mcal/cwt	29.08	32.40	31.22
Nem	Mcal/cwt	54.69	58.32	57.03
Milk per ton	lb/ton DM			2656

-----BILLING INFORMATION-----

SAMPLED BY: Resource Auction
 SAMPLED FOR: BILISKE FARM
 PRODUCT: lot 15 19 2nd cut teff

Reference: 0419593
 Date: 1/ 8/2020
 Sample: 003-2001-001795

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL