

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020
 Sample number: 003-2001-001792

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKE FARM

PRODUCT: lot 18 19 1st cut teff (1B - N9V)

Moisture % 13.55%
 Dry Matter % 86.45%

Mixed grass hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	12.74%	9.38	4.95 - 16.48
ADF	%DM	31.54%	40.44	31.75 - 50.23
aNDF	%DM	51.62%	60.92	48.19 - 72.71
aNDFom	%DM	49.42%	57.38	43.04 - 68.85
Lignin (Sulfuric Acid)	%DM	3.10%	6.52	3.94 - 9.40
Lignin	%NDF	6.27%		
Lignin input (uNDF/2.4)	%DM	4.55%		
NDFD 24	%NDF	60.54%	44.47	31.08 - 58.96
NDFD 30	%NDF	63.74%	49.20	36.20 - 65.52
NDFD 240	%NDF	77.90%	66.50	52.42 - 80.59
uNDFom24	%DM	19.50%	31.41	18.71 - 43.44
uNDFom30	%DM	17.92%	28.34	14.70 - 40.90
uNDFom240	%DM	10.92%	19.99	10.26 - 30.38
AD-ICP	%DM	0.41%	1.15	0.62 - 1.79
ND-ICP w/ SS	%DM	2.97%	3.31	1.29 - 4.68
Protein Sol.	%CP	33.28%	26.07	8.61 - 48.90
Starch	%DM	4.15%	1.81	0.25 - 7.32
Fat (EE)	%DM	3.04%	2.57	1.58 - 3.71
Total Fatty Acid (TFA)	%DM	1.48%	1.19	0.49 - 2.17
16:0 Palmitic	%DM	0.28%	0.21	0.08 - 0.32
18:0 Stearic	%DM	0.06%	0.05	0.02 - 0.08
18:1 Oleic	%DM	0.09%	0.08	0.03 - 0.12
18:2 Linoleic	%DM	0.26%	0.12	0.02 - 0.25
18:3 Linolenic	%DM	0.77%	0.40	0.02 - 0.75
Ash	%DM	9.91%	9.35	6.12 - 13.03
Calcium	%DM	0.26%	0.61	0.25 - 1.15
Phosphorus	%DM	0.34%	0.22	0.11 - 0.35
Magnesium	%DM	0.18%	0.20	0.12 - 0.33
Potassium	%DM	2.99%	1.82	0.69 - 3.03
Sulfur	%DM	0.19%	0.14	0.07 - 0.25
Sugar (ESC)	%DM	10.53%	6.34	2.16 - 10.37
Sugar (WSC)	%DM	11.10%	8.25	3.29 - 12.93

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Adjusted Crude Protein	%	12.74%
NFC	%	28.42%
RFV		115.69
RFQ		166.32
NDF kd rate Van Amb	%/hr	4.82%
NDF kd rate MIR_P1	%/hr	6.08%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	64.33	63.50	64.17
Nel 3x	Mcal/cwt	66.26	65.26	65.42
Neg	Mcal/cwt	31.07	39.22	39.89
Nem	Mcal/cwt	56.86	65.84	66.59
Milk per ton	lb/ton DM			3022

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

SAMPLED BY: Resource Auction
 SAMPLED FOR: BILISKE FARM
 PRODUCT: lot 18 19 1st cut teff

Reference: 0419590
 Date: 1/ 8/2020
 Sample: 003-2001-001792

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL