

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020
 Sample number: 003-2001-001787

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKE FARM

PRODUCT: lot 25 19 1st cut teff (1B - N9V)
 DESC 2: some weeds

Moisture % 14.47%
 Dry Matter % 85.53%

Mixed grass hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	16.19%	9.38	4.95 - 16.48
ADF	%DM	35.57%	40.44	31.75 - 50.23
aNDF	%DM	50.33%	60.92	48.19 - 72.71
aNDFom	%DM	46.01%	57.38	43.04 - 68.85
Lignin (Sulfuric Acid)	%DM	6.57%	6.52	3.94 - 9.40
Lignin	%NDF	14.28%		
Lignin input (uNDF/2.4)	%DM	6.89%		
NDFD 24	%NDF	44.38%	44.47	31.08 - 58.96
NDFD 30	%NDF	47.75%	49.20	36.20 - 65.52
NDFD 240	%NDF	64.05%	66.50	52.42 - 80.59
uNDFom24	%DM	25.59%	31.41	18.71 - 43.44
uNDFom30	%DM	24.04%	28.34	14.70 - 40.90
uNDFom240	%DM	16.54%	19.99	10.26 - 30.38
AD-ICP	%DM	1.65%	1.15	0.62 - 1.79
ND-ICP w/ SS	%DM	5.31%	3.31	1.29 - 4.68
Protein Sol.	%CP	23.97%	26.07	8.61 - 48.90
Starch	%DM	2.60%	1.81	0.25 - 7.32
Fat (EE)	%DM	2.88%	2.57	1.58 - 3.71
Total Fatty Acid (TFA)	%DM	1.19%	1.19	0.49 - 2.17
16:0 Palmitic	%DM	0.24%	0.21	0.08 - 0.32
18:0 Stearic	%DM	0.05%	0.05	0.02 - 0.08
18:1 Oleic	%DM	0.09%	0.08	0.03 - 0.12
18:2 Linoleic	%DM	0.20%	0.12	0.02 - 0.25
18:3 Linolenic	%DM	0.59%	0.40	0.02 - 0.75
Ash	%DM	12.93%	9.35	6.12 - 13.03
Calcium	%DM	0.67%	0.61	0.25 - 1.15
Phosphorus	%DM	0.39%	0.22	0.11 - 0.35
Magnesium	%DM	0.34%	0.20	0.12 - 0.33
Potassium	%DM	3.04%	1.82	0.69 - 3.03
Sulfur	%DM	0.21%	0.14	0.07 - 0.25
Sugar (ESC)	%DM	4.85%	6.34	2.16 - 10.37
Sugar (WSC)	%DM	6.43%	8.25	3.29 - 12.93

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Adjusted Crude Protein	%	16.14%
NFC	%	27.99%
RFV		112.89
RFQ		129.04
NDF kd rate Van Amb	%/hr	4.09%
NDF kd rate MIR_P1	%/hr	4.83%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	61.19	55.36	56.22
Nel 3x	Mcal/cwt	62.77	56.20	61.01
Neg	Mcal/cwt	32.74	29.51	30.98
Nem	Mcal/cwt	58.69	55.16	56.77
Milk per ton	lb/ton DM			2583

This sample was above 11% ash. Dairyland recommends wet chemistry NDF and NDFD's for samples with this level of soil contamination. Please contact the lab within 2 days to request these nutrients at our listed prices.

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

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 PRODUCT: lot 25 19 1st cut teff

Reference: 0419585
 Date: 1/ 8/2020
 Sample: 003-2001-001787

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL