

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020
 Sample number: 003-2001-001793

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKE FARM

PRODUCT: lot 17 19 2nd cut teff (1B - N9V)

Moisture % 16.88%
 Dry Matter % 83.12%

Mixed grass hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	10.78%	9.38	4.95 - 16.48
ADF	%DM	39.01%	40.44	31.75 - 50.23
aNDF	%DM	58.99%	60.92	48.19 - 72.71
aNDFom	%DM	55.51%	57.38	43.04 - 68.85
Lignin (Sulfuric Acid)	%DM	5.60%	6.52	3.94 - 9.40
Lignin	%NDF	10.09%		
Lignin input (uNDF/2.4)	%DM	7.88%		
NDFD 24	%NDF	46.98%	44.47	31.08 - 58.96
NDFD 30	%NDF	50.24%	49.20	36.20 - 65.52
NDFD 240	%NDF	65.95%	66.50	52.42 - 80.59
uNDFom24	%DM	29.43%	31.41	18.71 - 43.44
uNDFom30	%DM	27.62%	28.34	14.70 - 40.90
uNDFom240	%DM	18.90%	19.99	10.26 - 30.38
AD-ICP	%DM	0.79%	1.15	0.62 - 1.79
ND-ICP w/ SS	%DM	3.11%	3.31	1.29 - 4.68
Protein Sol.	%CP	20.50%	26.07	8.61 - 48.90
Starch	%DM	3.39%	1.81	0.25 - 7.32
Fat (EE)	%DM	2.46%	2.57	1.58 - 3.71
Total Fatty Acid (TFA)	%DM	1.00%	1.19	0.49 - 2.17
16:0 Palmitic	%DM	0.20%	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	0.22%	0.12	0.02 - 0.25
18:3 Linolenic	%DM	0.43%	0.40	0.02 - 0.75
Ash	%DM	10.47%	9.35	6.12 - 13.03
Calcium	%DM	0.43%	0.61	0.25 - 1.15
Phosphorus	%DM	0.30%	0.22	0.11 - 0.35
Magnesium	%DM	0.20%	0.20	0.12 - 0.33
Potassium	%DM	2.26%	1.82	0.69 - 3.03
Sulfur	%DM	0.16%	0.14	0.07 - 0.25
Sugar (ESC)	%DM	4.71%	6.34	2.16 - 10.37
Sugar (WSC)	%DM	6.25%	8.25	3.29 - 12.93

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Adjusted Crude Protein	%	10.78%
NFC	%	24.35%
RFV		92.07
RFQ		123.32
NDF kd rate Van Amb	%/hr	3.78%
NDF kd rate MIR_P1	%/hr	5.08%

		ADF	OARDC	MLK13
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TDN 1x	%DM	58.51	56.11	53.79
Nel 3x	Mcal/cwt	59.78	57.03	57.79
Neg	Mcal/cwt	27.41	28.52	25.43
Nem	Mcal/cwt	52.87	54.08	50.73
Milk per ton	lb/ton DM			2403

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

SAMPLED BY: Resource Auction
 SAMPLED FOR: BILISKE FARM
 PRODUCT: lot 17 19 2nd cut teff

Reference: 0419591
 Date: 1/ 8/2020
 Sample: 003-2001-001793

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL