

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020
 Sample number: 003-2001-001810

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKI FARM

PRODUCT: lot 21 '19 1st cut (1A - N9V)
 DESC 2: alfalfa

Moisture % 12.74%
 Dry Matter % 87.26%

Alfalfa hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	16.30%	20.20	15.38 - 23.97
ADF	%DM	35.11%	32.35	25.50 - 41.78
aNDF	%DM	50.99%	40.02	31.89 - 51.84
aNDFom	%DM	47.24%	37.38	29.26 - 48.46
Lignin (Sulfuric Acid)	%DM	5.43%	7.42	5.84 - 9.64
Lignin	%NDF	11.49%		
Lignin input (uNDF/2.4)	%DM	5.98%		
NDFD 24	%NDF	50.08%	37.00	28.17 - 45.51
NDFD 30	%NDF	53.66%	39.57	31.30 - 48.12
NDFD 240	%NDF	69.60%	51.00	41.46 - 61.86
uNDFom24	%DM	23.58%	23.31	17.44 - 31.05
uNDFom30	%DM	21.89%	22.24	16.48 - 29.48
uNDFom240	%DM	14.36%	19.65	12.95 - 27.75
AD-ICP	%DM	1.05%	1.47	1.08 - 2.13
ND-ICP w/ SS	%DM	4.09%	2.89	1.63 - 4.06
Protein Sol.	%CP	27.42%	37.11	27.47 - 47.14
Starch	%DM	1.34%	1.88	0.28 - 3.74
Fat (EE)	%DM	2.81%	2.41	1.77 - 3.35
Total Fatty Acid (TFA)	%DM	1.40%	1.29	0.81 - 2.33
16:0 Palmitic	%DM	0.30%	0.33	0.26 - 0.39
18:0 Stearic	%DM	0.06%	0.07	0.04 - 0.08
18:1 Oleic	%DM	0.08%	0.06	0.04 - 0.10
18:2 Linoleic	%DM	0.21%	0.18	0.11 - 0.27
18:3 Linolenic	%DM	0.73%	0.41	0.15 - 0.66
Ash	%DM	12.92%	11.16	9.15 - 13.82
Calcium	%DM	0.65%	1.54	1.19 - 1.84
Phosphorus	%DM	0.36%	0.31	0.23 - 0.39
Magnesium	%DM	0.28%	0.32	0.25 - 0.41
Potassium	%DM	3.42%	2.62	1.83 - 3.36
Sulfur	%DM	0.23%	0.25	0.17 - 0.33
Sugar (ESC)	%DM	5.41%	6.03	2.71 - 9.16
Sugar (WSC)	%DM	7.19%	7.14	3.32 - 10.19

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Adjusted Crude Protein	%	16.30%
NFC	%	25.23%
RFV		112.13
RFQ		121.02
NDF kd rate Van Amb	%/hr	4.42%
NDF kd rate MIR_P1	%/hr	5.20%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	61.55	57.05	61.13
Nel 3x	Mcal/cwt	63.17	58.08	55.17
Neg	Mcal/cwt	29.79	32.11	37.43
Nem	Mcal/cwt	55.47	58.00	63.86
Milk per ton	lb/ton DM			2373

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

SAMPLED BY: Resource Auction
 SAMPLED FOR: BILISKI FARM
 PRODUCT: lot 21 '19 1st cut

Reference: 0419608
 Date: 1/ 8/2020
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\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL