

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020
 Sample number: 003-2001-001801

TO: Resource Auction
 8848 134th Ave NE

ACCOUNT #12712 (0)
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKI FARM

PRODUCT: lot 9 '19 1st cut alfalfa (1A - N9V)

Moisture % 14.33%
 Dry Matter % 85.67%

Alfalfa hay statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	18.35%	20.20	15.38 - 23.97
ADF	%DM	33.62%	32.35	25.50 - 41.78
aNDF	%DM	41.69%	40.02	31.89 - 51.84
aNDFom	%DM	39.96%	37.38	29.26 - 48.46
Lignin (Sulfuric Acid)	%DM	7.68%	7.42	5.84 - 9.64
Lignin	%NDF	19.22%		
Lignin input (uNDF/2.4)	%DM	9.55%		
NDFD 24	%NDF	36.31%	37.00	28.17 - 45.51
NDFD 30	%NDF	37.36%	39.57	31.30 - 48.12
NDFD 240	%NDF	42.67%	51.00	41.46 - 61.86
uNDFom24	%DM	25.45%	23.31	17.44 - 31.05
uNDFom30	%DM	25.03%	22.24	16.48 - 29.48
uNDFom240	%DM	22.91%	19.65	12.95 - 27.75
AD-ICP	%DM	1.27%	1.47	1.08 - 2.13
ND-ICP w/ SS	%DM	2.60%	2.89	1.63 - 4.06
Protein Sol.	%CP	42.45%	37.11	27.47 - 47.14
Starch	%DM	1.18%	1.88	0.28 - 3.74
Fat (EE)	%DM	2.19%	2.41	1.77 - 3.35
Total Fatty Acid (TFA)	%DM	1.18%	1.29	0.81 - 2.33
16:0 Palmitic	%DM	0.31%	0.33	0.26 - 0.39
18:0 Stearic	%DM	0.07%	0.07	0.04 - 0.08
18:1 Oleic	%DM	0.08%	0.06	0.04 - 0.10
18:2 Linoleic	%DM	0.23%	0.18	0.11 - 0.27
18:3 Linolenic	%DM	0.47%	0.41	0.15 - 0.66
Ash	%DM	11.31%	11.16	9.15 - 13.82
Calcium	%DM	1.61%	1.54	1.19 - 1.84
Phosphorus	%DM	0.29%	0.31	0.23 - 0.39
Magnesium	%DM	0.39%	0.32	0.25 - 0.41
Potassium	%DM	2.34%	2.62	1.83 - 3.36
Sulfur	%DM	0.22%	0.25	0.17 - 0.33
Sugar (ESC)	%DM	6.54%	6.03	2.71 - 9.16
Sugar (WSC)	%DM	9.02%	7.14	3.32 - 10.19

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Adjusted Crude Protein	%	18.35%
NFC	%	30.80%
RFV		140.00
RFQ		126.38
NDF kd rate Van Amb	%/hr	4.09%
NDF kd rate MIR_P1	%/hr	7.58%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	62.71	57.15	58.63
Nel 3x	Mcal/cwt	64.46	58.19	58.39
Neg	Mcal/cwt	34.49	33.02	35.02
Nem	Mcal/cwt	60.62	58.99	61.20
Milk per ton	lb/ton DM			2455

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

SAMPLED BY: Resource Auction
 SAMPLED FOR: BILISKI FARM
 PRODUCT: lot 9 '19 1st cut alfalfa

Reference: 0419599
 Date: 1/ 8/2020
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\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL