

FEED AND FORAGE REPORT

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

Report date: 1/ 8/2020  
 Sample number: 003-2001-001812

TO: Resource Auction  
 8848 134th Ave NE

ACCOUNT #12712 ( 0)  
 SAMPLED BY: Resource Auction

Hensel , ND 58241

SAMPLED FOR: BILISKI FARM

PRODUCT: lot 19 '19 1st cut teff (1B - N9V )  
 DESC 2: grass

Moisture % 15.74%  
 Dry Matter % 84.26%

Mixed grass hay statistics  
 provided for comparison.

|                         |      | Dry Basis | Median | 90% Range     |
|-------------------------|------|-----------|--------|---------------|
| Crude Protein           | %DM  | 16.67%    | 9.38   | 4.95 - 16.48  |
| ADF                     | %DM  | 33.79%    | 40.44  | 31.75 - 50.23 |
| aNDF                    | %DM  | 50.99%    | 60.92  | 48.19 - 72.71 |
| aNDFom                  | %DM  | 47.34%    | 57.38  | 43.04 - 68.85 |
| Lignin (Sulfuric Acid)  | %DM  | 4.50%     | 6.52   | 3.94 - 9.40   |
| Lignin                  | %NDF | 9.51%     |        |               |
| Lignin input (uNDF/2.4) | %DM  | 5.28%     |        |               |
| NDFD 24                 | %NDF | 56.44%    | 44.47  | 31.08 - 58.96 |
| NDFD 30                 | %NDF | 59.48%    | 49.20  | 36.20 - 65.52 |
| NDFD 240                | %NDF | 73.24%    | 66.50  | 52.42 - 80.59 |
| uNDFom24                | %DM  | 20.62%    | 31.41  | 18.71 - 43.44 |
| uNDFom30                | %DM  | 19.18%    | 28.34  | 14.70 - 40.90 |
| uNDFom240               | %DM  | 12.67%    | 19.99  | 10.26 - 30.38 |
| AD-ICP                  | %DM  | 1.00%     | 1.15   | 0.62 - 1.79   |
| ND-ICP w/ SS            | %DM  | 4.42%     | 3.31   | 1.29 - 4.68   |
| Protein Sol.            | %CP  | 29.27%    | 26.07  | 8.61 - 48.90  |
| Starch                  | %DM  | 1.83%     | 1.81   | 0.25 - 7.32   |
| Fat (EE)                | %DM  | 3.06%     | 2.57   | 1.58 - 3.71   |
| Total Fatty Acid (TFA)  | %DM  | 1.53%     | 1.19   | 0.49 - 2.17   |
| 16:0 Palmitic           | %DM  | 0.31%     | 0.21   | 0.08 - 0.32   |
| 18:0 Stearic            | %DM  | 0.05%     | 0.05   | 0.02 - 0.08   |
| 18:1 Oleic              | %DM  | 0.08%     | 0.08   | 0.03 - 0.12   |
| 18:2 Linoleic           | %DM  | 0.23%     | 0.12   | 0.02 - 0.25   |
| 18:3 Linolenic          | %DM  | 0.83%     | 0.40   | 0.02 - 0.75   |
| Ash                     | %DM  | 12.60%    | 9.35   | 6.12 - 13.03  |
| Calcium                 | %DM  | 0.52%     | 0.61   | 0.25 - 1.15   |
| Phosphorus              | %DM  | 0.39%     | 0.22   | 0.11 - 0.35   |
| Magnesium               | %DM  | 0.25%     | 0.20   | 0.12 - 0.33   |
| Potassium               | %DM  | 3.21%     | 1.82   | 0.69 - 3.03   |
| Sulfur                  | %DM  | 0.23%     | 0.14   | 0.07 - 0.25   |
| Sugar (ESC)             | %DM  | 6.10%     | 6.34   | 2.16 - 10.37  |
| Sugar (WSC)             | %DM  | 8.13%     | 8.25   | 3.29 - 12.93  |

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 DESC 2: grass

|                        |      |        |
|------------------------|------|--------|
| Adjusted Crude Protein | %    | 16.67% |
| NFC                    | %    | 25.28% |
| RFV                    |      | 114.00 |
| RFQ                    |      | 148.19 |
| NDF kd rate Van Amb    | %/hr | 4.91%  |
| NDF kd rate MIR_P1     | %/hr | 5.97%  |

|              |           | ADF   | OARDC | MLK13 |
|--------------|-----------|-------|-------|-------|
|              |           | ----- | ----- | ----- |
| TDN 1x       | %DM       | 62.58 | 59.03 | 60.94 |
| Nel 3x       | Mcal/cwt  | 64.31 | 60.28 | 62.83 |
| Neg          | Mcal/cwt  | 32.62 | 34.89 | 37.35 |
| Nem          | Mcal/cwt  | 58.56 | 61.06 | 63.77 |
| Milk per ton | lb/ton DM |       |       | 2819  |

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-----

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

Reference: 0419610  
 Date: 1/ 8/2020  
 Sample: 003-2001-001812

\$ 28.00 NIR COMPLETE  
 \$ 28.00 TOTAL