



Dairyland Laboratories  
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**Sample Date:** 2025-03-26  
**Sample No.:** 003-2503-1865481

**Account No.:** 953 (0)  
**Sampled By:** Steffes Auctioneers  
**Sampled For:** STEFFES  
**Product:** 7770

**Test Mode:** N8  
**Feed Type:** Hay - Grass  
**Sub Type:** Mixed

|                        |        |                  |                   |
|------------------------|--------|------------------|-------------------|
| Moisture               | 18.11% |                  |                   |
| Dry Matter             | 81.89% |                  |                   |
|                        |        | <b>Dry Basis</b> | <b>90% Range*</b> |
| Crude Protein          | %DM    | 10.05            | 4.95 - 16.5       |
| AD-ICP                 | %DM    | 1.45             | 0.62 - 1.79       |
| ND-ICP w/SS            | %DM    | 4.58             | 1.29 - 4.68       |
| Protein Sol.           | %CP    | 21.39            | 8.61 - 48.9       |
| ADF                    | %DM    | 40.27            | 31.8 - 50.2       |
| aNDF                   | %DM    | 67.92            | 53.7 - 70.7       |
| aNDFom                 | %DM    | 64.99            | 51.3 - 67.4       |
| Lignin (Sulfuric Acid) | %DM    | 6.43             | 3.94 - 9.40       |
| Lignin                 | %NDFom | 9.89             |                   |
| NDFD 30                | %NDFom | 45.13            | 39.8 - 61.4       |
| NDFD240                | %NDFom | 64.19            | 59.9 - 76.4       |
| uNDFom30               | %DM    | 35.66            | 21.6 - 39.3       |
| uNDFom240              | %DM    | 23.27            | 13.3 - 26.0       |
| Starch                 | %DM    | 0.25             | 0.25 - 7.32       |
| Fat (EE)               | %DM    | 2.73             | 1.58 - 3.71       |
| TFA (fat)              | %DM    | 0.96             | 0.49 - 2.17       |
| Ash                    | %DM    | 7.45             | 6.12 - 13.0       |
| Calcium                | %DM    | 0.63             | 0.25 - 1.15       |
| Phosphorus             | %DM    | 0.17             | 0.11 - 0.35       |
| Magnesium              | %DM    | 0.29             | 0.12 - 0.33       |
| Potassium              | %DM    | 1.48             | 0.69 - 3.03       |
| Sulfur                 | %DM    | 0.20             | 0.07 - 0.25       |
| Chloride               | %DM    | 0.25             | 0.07 - 0.89       |
| Sugar (ESC)            | %DM    | 3.85             | 2.16 - 10.4       |
| Sugar (WSC)            | %DM    | 6.08             | 3.29 - 12.9       |

|                    |          |            |              |                 |
|--------------------|----------|------------|--------------|-----------------|
| NDF kd rate MIR_P1 | %/hr     | 4.12       |              |                 |
|                    |          | <b>ADF</b> | <b>OARDC</b> | <b>MLK 2013</b> |
| TDN                |          | 57.53      | 54.67        | 49.46           |
| Nel 3x             | Mcal/cwt | 58.69      | 55.43        | 57.69           |
| Neg                | Mcal/cwt | 23.53      | 25.91        | 19.06           |
| Nem                | Mcal/cwt | 48.67      | 51.25        | 43.88           |
| Milk per ton       | lbs/ton  |            |              | 2377            |

\*Mixed grass hay statistics provided for comparison.

**Calculations**

|                        |      |        |
|------------------------|------|--------|
| Adjusted Crude Protein | %DM  | 9.34   |
| NFC                    | %DM  | 20.13  |
| NSC                    | %DM  | 6.33   |
| RFV                    |      | 78.94  |
| RFQ                    |      | 109.23 |
| NDF kd rate Van Amb    | %/hr | 2.75   |