

Account No.: 16401 (0)
Sampled By: Groeschl Ag Service
Sampled For: GROESCHL AG SERVICE
Product: Shed Field 1st cut blge

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

| | | Dry Basis | 90% Range* |
|------------------------|--------|------------------|-------------------|
| Moisture | 23.31% | | |
| Dry Matter | 76.69% | | |
| Crude Protein | %DM | 9.94 | 4.95 - 16.5 |
| AD-ICP | %CP | 4.33 | 5.83 - 23.4 |
| ND-ICP w/SS | %CP | 30.78 | |
| Protein Sol. | %CP | 35.92 | 8.61 - 48.9 |
| ADF | %DM | 30.91 | 31.8 - 50.2 |
| aNDF | %DM | 55.28 | 53.7 - 70.7 |
| aNDFom | %DM | 53.07 | 51.3 - 67.4 |
| Lignin | %NDFom | 6.14 | |
| Lignin (Sulfuric Acid) | %DM | 3.26 | 3.94 - 9.40 |
| NDFD 30 | %NDFom | 61.26 | 39.8 - 61.4 |
| NDFD240 | %NDFom | 75.92 | 59.9 - 76.4 |
| uNDFom30 | %DM | 20.56 | 21.6 - 39.3 |
| uNDFom240 | %DM | 12.78 | 13.3 - 26.0 |
| Sugar (ESC) | %DM | 15.02 | 2.16 - 10.4 |
| Sugar (WSC) | %DM | 17.61 | 3.29 - 12.9 |
| Starch | %DM | 0.46 | 0.25 - 7.32 |
| Fat (EE) | %DM | 3.29 | 1.58 - 3.71 |
| TFA (fat) | %DM | 1.42 | 0.49 - 2.17 |
| Ash | %DM | 6.97 | 6.12 - 13.0 |
| Calcium | %DM | 0.40 | 0.25 - 1.15 |
| Phosphorus | %DM | 0.21 | 0.11 - 0.35 |
| Magnesium | %DM | 0.15 | 0.12 - 0.33 |
| Potassium | %DM | 2.03 | 0.69 - 3.03 |
| Sulfur | %DM | 0.17 | 0.07 - 0.25 |
| Chloride | %DM | 0.71 | 0.07 - 0.89 |

| | | ADF | OARDC | MLK 2013 |
|--------------|----------|------------|--------------|-----------------|
| TDN | | 64.82 | 64.97 | 63.81 |
| Nel 3x | Mcal/cwt | 66.81 | 66.90 | 68.35 |
| Neg | Mcal/cwt | 28.63 | 39.88 | 38.33 |
| Nem | Mcal/cwt | 54.20 | 66.57 | 64.86 |
| Milk per ton | lbs/ton | | | 3217 |

*Mixed grass hay statistics provided for comparison.

Calculations

| | | |
|------------------------|------|--------|
| NFC | %DM | 30.66 |
| NSC | %DM | 18.07 |
| RFV | | 109.04 |
| RFQ | | 164.43 |
| NDF kd rate MIR_P1 | %/hr | 5.57 |
| Adjusted Crude Protein | %DM | 9.94 |