



PRATUM - MAD
8955 SUNNYVIEW RD NE
SALEM, OR 97305
GROWER: FOX HOLLOW RANCH
FIELD ID.: ORCHARD GRASS 1ST CUTTING
DESCRIPTION: Grass

DATE RECEIVED: 11/6/2023
DATE REPORTED: 11/7/2023
LAB NUMBER: F23-04493

GROWER ACCOUNT #:
GROWER SAMPLE ID"

NIR FEED ANALYSIS

| | As Received Basis | 100% Dry Matter | | As Received Basis | 100% Dry Matter Basis |
|------------------------|-------------------|-----------------|-------------------------|-------------------|-----------------------|
| MOISTURE % | 9.2 | | TDN % [ADF] | 52.3 | 57.6 |
| DRY MATTER % | 90.8 | 100 | NEL, MCAL/KG [ADF] | 1.1 | 1.2 |
| Protein | | | NEM, MCAL/KG [ADF] | 1.5 | 1.7 |
| CRUDE PROTEIN | 10.3 | 11.3 | NEG, MCAL/KG [ADF] | 0.9 | 1.0 |
| DIGESTIBLE PROTEIN | 6.5 | 7.2 | ME MCAL/KG | 1.92 | 2.11 |
| Fiber | | | DE MCAL/KG | 2.3 | 2.5 |
| ACID DET. FIBER % | 34.9 | 38.4 | DDM % | 53.6 | 59.0 |
| NEUTRAL DET. FIBER % | 53.5 | 58.9 | DMI % of Body Wt. | 1.8 | 2.0 |
| LIGNIN % | 3.3 | 3.6 | Wet Chemistry Minerals: | | |
| dNDF48 (% of NDF) | 58.7 | 64.7 | Boron (B) mg/kg | 3.02 | 3.33 |
| RFV | | 93 | Calcium (Ca) % | 0.30 | 0.33 |
| RFQ | | 117 | Copper (Cu) mg/kg | 5.67 | 6.24 |
| FAT % | 2.2 | 2.4 | Iron (Fe) mg/kg | 81 | 89 |
| STARCH % | 3.6 | 3.91 | Magnesium (Mg) % | 0.19 | 0.21 |
| ESC % | 5.6 | 6.2 | Manganese (Mn) mg/kg | 47.03 | 51.79 |
| NSC % | 10.9 | 12.0 | Phosphorus (P) % | 0.41 | 0.45 |
| ASH % | 11.3 | 12.4 | Potassium (K) % | 2.42 | 2.66 |
| WSC % | 7.35 | 8.1 | Sodium (Na) % | 0.34 | 0.37 |
| Minerals | | | Sulfur (S) % | 0.20 | 0.22 |
| CALCIUM (Ca) % | | | Zinc (Zn) mg/kg | 17.26 | 19.01 |
| PHOSPHORUS (P) % | | | Chloride (Cl) mg/kg | | |
| POTASSIUM (K) % | | | | | |
| MAGNESIUM (Mg) % | | | | | |
| Other Analysis: | | | | | |
| NITRATE NITROGEN mg/kg | 380 | 396 | | | |

* TOTAL AFLATOXIN (B1, B2, G1, G2) (AraStrip 8.0 ppb)
Relative Feed value includes both ADF and NDF in accordance with AFGC Hay Market Task Force Equations

We make every effort to provide an accurate analysis of your sample. For reasonable cause we will repeat tests, but because of factors beyond our control in sampling procedures and the inherent variability of feeds, our liability is limited to the price of the tests.

This is your Invoice #: F23-04493 Account #: 162900 Reviewed by: K. Bair, PhD, CPSS List Cost: \$46.00