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FORAGE/FEEDSTUFF
 ANALYSIS REPORT
 [Quality Testing Since 1978]
 (330) 893-2933 * www.holmeslab.com
 Test Performed: 9QW

Customer: Groeschl Ag Service

Groeschl Ag Service-A.Groeschl
 10271 N. County Rd. K
 Hayward, WI 54843

Date Reported: 11/18/2021
 Lab Number: 21-1314
 SAMPLE I.D.: Grass Hay
 Phillip's 3rd Cut

| Item | Units | As Sampled Basis | Dry Matter Basis |
|-------------------------------|--------------|------------------|------------------|
| Moisture | % | 12.52 | |
| Dry Matter | % | 87.48 | |
| Crude Protein | % | 12.12 | 13.85 |
| Available Protein | % | 11.27 | 12.88 |
| Adjusted Crude Protein | % | 12.12 | 13.85 |
| A.D.F. Protein | % | .85 | .97 |
| N.D.F. Protein | % | 3.55 | 4.06 |
| Soluble Protein | % | | |
| Protein Solubility | % | | |
| Lignin | % | 5.18 | 5.92 |
| Acid Detergent Fiber | % | 27.43 | 31.36 |
| Neutral Detergent Fiber | % | 50.51 | 57.74 |
| NFC (Non-Fiber Carbohydrate) | % | | |
| Sugar | % | 6.56 | 7.50 |
| Starch | % | 3.62 | 4.14 |
| NSC = Starch + Sugar | % | 10.18 | 11.64 |
| Crude Fat | % | 2.28 | 2.61 |
| TDN | % | 52.71 | 60.25 |
| NEl | Mcal/lb. | .538 | .615 |
| NEm | Mcal/lb. | .523 | .598 |
| NEg | Mcal/lb. | .295 | .337 |
| Ash | % | 6.27 | 7.17 |
| Lignin Insoluble Ash | % | | |
| Calcium (Ca) | % | .41 | .47 |
| Phosphorus (P) | % | .19 | .22 |
| Magnesium (Mg) | % | .28 | .32 |
| Potassium (K) | % | 1.75 | 2.00 |
| Sulfur (S) | % | .12 | .14 |
| Sodium (Na) | % | .052 | .060 |
| Chloride (Cl) | % | | |
| Copper (Cu) | ppm | 3 | 4 |
| Manganese (Mn) | ppm | 66 | 75 |
| Zinc (Zn) | ppm | 15 | 17 |
| Iron (Fe) | ppm | 55 | 63 |
| Molybdenum (Mo) | ppm | | |
| Nitrate (NO3) | % | | Negative |
| pH | | | |
| RFV (Relative Feed Value) | | | 104 |
| RFQ (Relative Forage Quality) | | | 142 |
| Horse DE | Mcal/lb. | .92 | 1.05 |
| Horse TDN | % | 45.93 | 52.50 |
| Crude Fiber | % | | |
| DCAD | meq./100g DM | | |
| DCAD | meq./1 lb.DM | | |