

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

PO Box 669 Maugansville, MD 21767 301-790-1980

September 24, 2008

Sample No : 8387112

| N I R A N A L Y S I S R E S U L T S | | | |
|-------------------------------------|------------|------------|---------|
| LEGUME HAYLAGE | As Sampled | Dry Matter | Unit |
| Moisture | 50.1 | | % |
| Dry Matter | 49.9 | | % |
| Crude Protein | 11.4 | 22.8 | % DM |
| Available Protein | 10.5 | 21.1 | % DM |
| Unavailable Protein | 0.9 | 1.8 | % DM |
| Neutral Det. Crude Protein | 1.3 | 2.6 | % DM |
| Adjusted Protein | 11.4 | 22.8 | % DM |
| Soluble Protein | | 62.9 | % CP |
| Degradable Protein (calc.) | | 81.5 | % CP |
| Ammonia | | 4.4 | % CP |
| TDN | 32.8 | 65.6 | % DM |
| Net Energy Lactation | 0.34 | 0.68 | Mcal/lb |
| Net Energy Maintenance | 0.34 | 0.68 | Mcal/lb |
| Net Energy Gain | 0.20 | 0.41 | Mcal/lb |
| Acid Detergent Fiber | 15.9 | 31.8 | % DM |
| Neutral Detergent Fiber | 18.4 | 36.8 | % DM |
| Lignin | 3.4 | 6.9 | % DM |
| Lignin / NDF Ratio | | 18.7 | |
| Crude Fat | 1.7 | 3.4 | % DM |
| Ash | 6.0 | 12.1 | % DM |
| Starch | 0.8 | 1.7 | % DM |
| Sugar | 2.4 | 4.9 | % DM |
| NFC | 13.7 | 27.5 | % DM |
| Calcium | 0.67 | 1.35 | % DM |
| Phosphorus | 0.16 | 0.32 | % DM |
| Magnesium | 0.13 | 0.26 | % DM |
| Potassium | 1.24 | 2.48 | % DM |
| Sulfur | 0.15 | 0.31 | % DM |
| Chloride Ion | 0.30 | 0.61 | % DM |
| pH | 4.9 | | |
| Relative Feed Value (RFV) | 162 | | |

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

Sample : 2-1 BALEAGE
 Farm Name : MYERS, DON
 Smpld/Rcvd : 09/22/2008 | 09/24/2008
 Complete : September 24, 2008
 Regression : PA
 Originator : MIFFLIN AGWAY