

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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

September 24, 2008

Sample No : 8387114

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	38.1		%
Dry Matter	61.9		%
Crude Protein	13.9	22.5	% DM
Available Protein	12.7	20.5	% DM
Unavailable Protein	1.2	2.0	% DM
Neutral Det. Crude Protein	2.3	3.8	% DM
Adjusted Protein	13.9	22.5	% DM
Soluble Protein		45.7	% CP
Degradable Protein (calc.)		72.9	% CP
Ammonia		2.4	% CP
TDN	42.0	67.9	% DM
Net Energy Lactation	0.43	0.70	Mcal/lb
Net Energy Maintenance	0.44	0.71	Mcal/lb
Net Energy Gain	0.27	0.44	Mcal/lb
Acid Detergent Fiber	17.9	29.0	% DM
Neutral Detergent Fiber	22.8	36.8	% DM
Lignin	4.2	6.8	% DM
Lignin / NDF Ratio		18.6	
Crude Fat	1.9	3.1	% DM
Ash	6.9	11.2	% DM
Starch	1.1	1.8	% DM
Sugar	4.0	6.5	% DM
NFC	18.7	30.2	% DM
Calcium	0.85	1.38	% DM
Phosphorus	0.19	0.30	% DM
Magnesium	0.17	0.27	% DM
Potassium	1.65	2.66	% DM
Sulfur	0.19	0.30	% DM
Chloride Ion	0.78	1.26	% DM
pH	5.8		
Relative Feed Value (RFV)	168		

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

Sample : 4-2 BALEAGE
 Farm Name : MYERS, DON
 Smpld/Rcvd : 09/22/2008 | 09/24/2008
 Complete : September 24, 2008
 Regression : PA
 Originator : MIFFLIN AGWAY