

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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

September 24, 2008

Sample No : 8387111

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	39.1		%
Dry Matter	60.9		%
Crude Protein	12.6	20.6	% DM
Available Protein	11.5	18.9	% DM
Unavailable Protein	1.0	1.7	% DM
Neutral Det. Crude Protein	1.7	2.9	% DM
Adjusted Protein	12.6	20.6	% DM
Soluble Protein		56.4	% CP
Degradable Protein (calc.)		78.2	% CP
Ammonia		2.5	% CP
TDN	41.2	67.6	% DM
Net Energy Lactation	0.43	0.70	Mcal/lb
Net Energy Maintenance	0.43	0.71	Mcal/lb
Net Energy Gain	0.27	0.44	Mcal/lb
Acid Detergent Fiber	17.7	29.0	% DM
Neutral Detergent Fiber	21.9	36.0	% DM
Lignin	3.9	6.3	% DM
Lignin / NDF Ratio		17.6	
Crude Fat	1.8	2.9	% DM
Ash	5.9	9.6	% DM
Starch	1.0	1.6	% DM
Sugar	5.8	9.6	% DM
NFC	20.5	33.7	% DM
Calcium	0.75	1.23	% DM
Phosphorus	0.18	0.29	% DM
Magnesium	0.12	0.20	% DM
Potassium	1.35	2.21	% DM
Sulfur	0.15	0.25	% DM
Chloride Ion	0.16	0.26	% DM
pH	5.5		
Relative Feed Value (RFV)	171		

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

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