

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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

September 01, 2009

Sample No : 9412174

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		46.1		%
Dry Matter		53.9		%
Crude Protein		11.9	22.0	% DM
Available Protein		10.7	19.9	% DM
Unavailable Protein		1.1	2.1	% DM
Neutral Det. Crude Protein		1.7	3.1	% DM
Adjusted Protein		11.9	22.0	% DM
Soluble Protein			57.6	% CP
Degradable Protein (calc.)			78.8	% CP
Ammonia			3.6	% CP
TDN		36.4	67.5	% DM
Net Energy Lactation		0.38	0.70	Mcal/lb
Net Energy Maintenance		0.38	0.70	Mcal/lb
Net Energy Gain		0.23	0.43	Mcal/lb
Acid Detergent Fiber		15.8	29.3	% DM
Neutral Detergent Fiber		18.7	34.7	% DM
Lignin		3.7	6.9	% DM
Lignin / NDF Ratio			20.0	
Crude Fat		1.6	3.0	% DM
Ash		6.7	12.5	% DM
Starch		0.8	1.4	% DM
Sugar		4.1	7.6	% DM
NFC		16.6	30.8	% DM
Calcium		0.75	1.39	% DM
Phosphorus		0.17	0.31	% DM
Magnesium		0.13	0.25	% DM
Potassium		1.43	2.66	% DM
Sulfur		0.15	0.28	% DM
Chloride Ion		0.39	0.73	% DM
pH		5.6		
Relative Feed Value (RFV)		177		

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

Sample : BALEAGE 1-1
 Farm Name : MYERS, DON
 Smpld/Rcvd : 08/31/2009 | 09/01/2009
 Complete : September 01, 2009
 Regression : PA Cutting: 1
 Originator : MIFFLIN AGWAY