

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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

September 01, 2009

Sample No : 9412172

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		42.6		%
Dry Matter		57.4		%
Crude Protein		12.5	21.8	% DM
Available Protein		11.2	19.5	% DM
Unavailable Protein		1.3	2.3	% DM
Neutral Det. Crude Protein		2.1	3.7	% DM
Adjusted Protein		12.4	21.6	% DM
Soluble Protein			51.0	% CP
Degradable Protein (calc.)			75.5	% CP
Ammonia			4.8	% CP
TDN		36.4	63.3	% DM
Net Energy Lactation		0.37	0.65	Mcal/lb
Net Energy Maintenance		0.37	0.64	Mcal/lb
Net Energy Gain		0.22	0.38	Mcal/lb
Acid Detergent Fiber		19.1	33.3	% DM
Neutral Detergent Fiber		22.3	38.8	% DM
Lignin		4.2	7.3	% DM
Lignin / NDF Ratio			18.7	
Crude Fat		1.8	3.1	% DM
Ash		8.9	15.5	% DM
Starch		1.6	2.9	% DM
Sugar		2.9	5.1	% DM
NFC		14.1	24.5	% DM
Calcium		0.74	1.29	% DM
Phosphorus		0.19	0.33	% DM
Magnesium		0.17	0.30	% DM
Potassium		1.42	2.48	% DM
Sulfur		0.18	0.31	% DM
Chloride Ion		0.41	0.71	% DM
pH		5.5		
Relative Feed Value (RFV)		151		

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

Sample : BALEAGE 2 #1
 Farm Name : MYERS, DON
 Smpld/Rcvd : 08/31/2009 | 09/01/2009
 Complete : September 01, 2009
 Regression : PA Cutting: 2
 Originator : MIFFLIN AGWAY