

CUMBERLAND VALLEY ANALYTICAL SERVICES, INC.

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

September 01, 2009

Sample No : 9412187

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		62.6		%
Dry Matter		37.4		%
Crude Protein		8.9	23.7	% DM
Available Protein		8.3	22.2	% DM
Unavailable Protein		0.6	1.6	% DM
Neutral Det. Crude Protein		0.7	1.8	% DM
Adjusted Protein		8.9	23.7	% DM
Soluble Protein			64.2	% CP
Degradable Protein (calc.)			82.1	% CP
Ammonia			4.2	% CP
TDN		24.9	66.6	% DM
Net Energy Lactation		0.26	0.69	Mcal/lb
Net Energy Maintenance		0.26	0.69	Mcal/lb
Net Energy Gain		0.16	0.42	Mcal/lb
Acid Detergent Fiber		12.0	32.0	% DM
Neutral Detergent Fiber		13.5	36.2	% DM
Lignin		2.4	6.5	% DM
Lignin / NDF Ratio			17.9	
Crude Fat		1.5	3.9	% DM
Ash		5.1	13.7	% DM
Starch		0.6	1.7	% DM
Sugar		1.5	4.1	% DM
NFC		9.1	24.2	% DM
Calcium		0.54	1.45	% DM
Phosphorus		0.11	0.30	% DM
Magnesium		0.11	0.29	% DM
Potassium		1.05	2.80	% DM
Sulfur		0.13	0.34	% DM
Chloride Ion		0.45	1.19	% DM
pH		5.5		
Relative Feed Value (RFV)		165		

NOSS, DAVID
 290 CHURCH LANE
 REEDSVILLE, PA 17084

Sample : BALEAGE 3-4
 Farm Name : MYERS, DON
 Smpld/Rcvd : 08/30/2009 | 09/01/2009
 Complete : September 01, 2009
 Regression : PA
 Originator : MIFFLIN AGWAY