

**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