

HOLMES LABORATORY INC.
 3559 US 62
 Millersburg, OH 44654
 www.facebook.com/holmeslab

FORAGE/FEEDSTUFF
 ANALYSIS REPORT
 [A Vital Key to Today's Agriculture]
 (330) 893-2933 * www.holmeslab.com
 Test Performed: 9

Customer: Andy Groeschl-Alfalfa

Groeschl Ag Service-A.Groeschl
 10271 N. County Rd. K
 Hayward, WI 54843

Date Reported: 10/28/2016
 Lab Number: 16-2286
 SAMPLE I.D.: Legume Haylage
 Pre-Wrap 3rd Cut

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	44.04	
Dry Matter	%	55.96	
Crude Protein	%	9.41	16.81
Available Protein	%	8.58	15.33
Adjusted Crude Protein	%	9.41	16.81
A.D.F. Protein	%	.83	1.48
N.D.F. Protein	%	2.17	3.87
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	2.53	4.53
Acid Detergent Fiber	%	17.30	30.92
Neutral Detergent Fiber	%	26.42	47.22
NFC (Non-Fiber Carbohydrate)	%	15.84	28.31
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	1.47	2.63
TDN	%	35.13	62.77
NEl	Mcal/lb.	.360	.643
NEm	Mcal/lb.	.355	.635
NEg	Mcal/lb.	.208	.371
Ash	%	4.66	8.32
Lignin Insoluble Ash	%	.92	1.65
Calcium (Ca)	%	.45	.80
Phosphorus (P)	%	.13	.23
Magnesium (Mg)	%	.10	.17
Potassium (K)	%	1.28	2.28
Sulfur (S)	%	.10	.18
Sodium (Na)	%	.010	.018
Chloride (Cl)	%		
Copper (Cu)	ppm	2	4
Manganese (Mn)	ppm	36	65
Zinc (Zn)	ppm	10	18
Iron (Fe)	ppm	51	92
Molybdenum (Mo)	ppm		
Aluminum (Al)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			128
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		