

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: AG

Customer: Groeschl Ag Service

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

Date Reported: 08/08/2017  
 Lab Number: 17-1983  
 SAMPLE I.D.: Legume Hay  
 Andy's Alf. 2nd Cut

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	20.24	
Dry Matter	%	79.76	
Crude Protein	%	16.17	20.27
Available Protein	%		
Adjusted Crude Protein	%		
A.D.F. Protein	%		
N.D.F. Protein	%		
Soluble Protein	%		
Protein Solubility	%		
Lignin	%		
Acid Detergent Fiber	%	26.92	33.75
Neutral Detergent Fiber	%	36.54	45.81
NFC (Non-Fiber Carbohydrate)	%	16.93	21.22
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%		
TDN	%	49.06	61.51
NEl	Mcal/lb.	.502	.629
NEm	Mcal/lb.	.492	.617
NEg	Mcal/lb.	.282	.354
Ash	%		
Lignin Insoluble Ash	%		
Calcium (Ca)	%	.74	.93
Phosphorus (P)	%	.26	.32
Magnesium (Mg)	%	.17	.21
Potassium (K)	%	2.38	2.99
Sulfur (S)	%		
Sodium (Na)	%	.014	.018
Chloride (Cl)	%		
Copper (Cu)	ppm	3	4
Manganese (Mn)	ppm	32	40
Zinc (Zn)	ppm	21	26
Iron (Fe)	ppm	40	50
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		
pH			
RFV (Relative Feed Value)			127
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		