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

Customer: Andy Groeschl

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

Date Reported: 09/18/2018
 Lab Number: 18-1257
 SAMPLE I.D.: Legume Hay
 Andy's 3rd Cut Alf.

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	32.46	
Dry Matter	%	67.54	
Crude Protein	%	13.07	19.35
Available Protein	%	12.09	17.90
Adjusted Crude Protein	%	13.07	19.35
A.D.F. Protein	%	.98	1.45
N.D.F. Protein	%	3.46	5.13
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	4.75	7.03
Acid Detergent Fiber	%	23.00	34.06
Neutral Detergent Fiber	%	32.22	47.71
NFC (Non-Fiber Carbohydrate)	%	17.27	25.57
Sugar	%	4.30	6.37
Starch	%	.77	1.14
NSC = Starch + Sugar	%	5.07	7.51
Crude Fat	%	1.89	2.80
TDN	%	39.89	59.06
NEl	Mcal/lb.	.407	.602
NEm	Mcal/lb.	.392	.580
NEg	Mcal/lb.	.217	.321
Ash	%	6.20	9.18
Lignin Insoluble Ash	%	.28	.41
Calcium (Ca)	%	.77	1.14
Phosphorus (P)	%	.18	.27
Magnesium (Mg)	%	.17	.25
Potassium (K)	%	1.61	2.38
Sulfur (S)	%	.18	.26
Sodium (Na)	%	.013	.019
Chloride (Cl)	%		
Copper (Cu)	ppm	4	6
Manganese (Mn)	ppm	32	47
Zinc (Zn)	ppm	14	21
Iron (Fe)	ppm	48	71
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			122
RFQ (Relative Forage Quality)			130
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		