

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

FORAGE/FEEDSTUFF  
 ANALYSIS REPORT  
 [A Vital Key to Todays 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: 17-1985  
 SAMPLE I.D.: Grass Hay  
 Tremblay 1stCut Grass

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	13.89	
Dry Matter	%	86.11	
Crude Protein	%	8.16	9.48
Available Protein	%		
Adjusted Crude Protein	%		
A.D.F. Protein	%		
N.D.F. Protein	%		
Soluble Protein	%		
Protein Solubility	%		
Lignin	%		
Acid Detergent Fiber	%	32.82	38.11
Neutral Detergent Fiber	%	51.44	59.74
NFC (Non-Fiber Carbohydrate)	%	18.07	20.98
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%		
TDN	%	43.98	51.07
NEl	Mcal/lb.	.442	.513
NEm	Mcal/lb.	.393	.456
NEg	Mcal/lb.	.178	.207
Ash	%		
Lignin Insoluble Ash	%		
Calcium (Ca)	%	.40	.46
Phosphorus (P)	%	.21	.24
Magnesium (Mg)	%	.28	.33
Potassium (K)	%	.91	1.06
Sulfur (S)	%		
Sodium (Na)	%	.038	.044
Chloride (Cl)	%		
Copper (Cu)	ppm	1	1
Manganese (Mn)	ppm	69	80
Zinc (Zn)	ppm	16	19
Iron (Fe)	ppm	36	42
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		
pH			
RFV (Relative Feed Value)			92
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		