

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: 9Q

Customer: Groeschl Ag-Tremblay

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

Date Reported: 10/27/2017
 Lab Number: 17-2442
 SAMPLE I.D.: Grass Hay
 3rd Cut-East Field

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	13.68	
Dry Matter	%	86.32	
Crude Protein	%	13.28	15.38
Available Protein	%	12.34	14.30
Adjusted Crude Protein	%	13.28	15.38
A.D.F. Protein	%	.93	1.08
N.D.F. Protein	%	3.40	3.94
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	2.87	3.33
Acid Detergent Fiber	%	28.02	32.46
Neutral Detergent Fiber	%	47.07	54.53
NFC (Non-Fiber Carbohydrate)	%	19.56	22.66
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	3.06	3.55
TDN	%	56.30	65.22
NEl	Mcal/lb.	.578	.670
NEm	Mcal/lb.	.580	.672
NEg	Mcal/lb.	.349	.404
Ash	%	6.35	7.36
Lignin Insoluble Ash	%	1.08	1.25
Calcium (Ca)	%	.48	.56
Phosphorus (P)	%	.26	.30
Magnesium (Mg)	%	.31	.36
Potassium (K)	%	1.54	1.78
Sulfur (S)	%	.18	.21
Sodium (Na)	%	.069	.080
Chloride (Cl)	%		
Copper (Cu)	ppm	3	4
Manganese (Mn)	ppm	66	77
Zinc (Zn)	ppm	15	17
Iron (Fe)	ppm	43	50
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			109
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		
RFQ			150