

HOLMES LABORATORY INC.
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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: 17-2441
 SAMPLE I.D.: Grass Hay
 3rd Cut-Center Field

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	18.66	
Dry Matter	%	81.34	
Crude Protein	%	11.60	14.26
Available Protein	%	10.94	13.45
Adjusted Crude Protein	%	11.60	14.26
A.D.F. Protein	%	.66	.81
N.D.F. Protein	%	3.37	4.14
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	1.69	2.08
Acid Detergent Fiber	%	26.24	32.26
Neutral Detergent Fiber	%	45.01	55.34
NFC (Non-Fiber Carbohydrate)	%	19.08	23.46
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	3.10	3.81
TDN	%	55.74	68.53
NEl	Mcal/lb.	.575	.707
NEM	Mcal/lb.	.586	.720
NEg	Mcal/lb.	.364	.447
Ash	%	5.52	6.79
Lignin Insoluble Ash	%	1.69	2.08
Calcium (Ca)	%	.37	.46
Phosphorus (P)	%	.28	.34
Magnesium (Mg)	%	.28	.34
Potassium (K)	%	1.39	1.71
Sulfur (S)	%	.13	.16
Sodium (Na)	%	.054	.067
Chloride (Cl)	%		
Copper (Cu)	ppm	3	4
Manganese (Mn)	ppm	66	81
Zinc (Zn)	ppm	12	15
Iron (Fe)	ppm	46	56
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			107
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		
RFQ			153