

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: 9

Customer: Groeschl Ag-Tremblay

Groeschl Ag Service-A.Groeschl
 13920 W State Rd.77
 Hayward, WI 54843

Date Reported: 08/19/2016
 Lab Number: 16-1839
 SAMPLE I.D.: Grass Hay
 30 Day 2nd Cut

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	12.20	
Dry Matter	%	87.80	
Crude Protein	%	11.55	13.15
Available Protein	%	11.15	12.70
Adjusted Crude Protein	%	11.55	13.15
A.D.F. Protein	%	.40	.45
N.D.F. Protein	%	3.74	4.26
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	2.02	2.30
Acid Detergent Fiber	%	29.63	33.75
Neutral Detergent Fiber	%	52.46	59.75
NFC (Non-Fiber Carbohydrate)	%	17.19	19.58
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	3.05	3.47
TDN	%	57.83	65.87
NEl	Mcal/lb.	.594	.677
NEm	Mcal/lb.	.598	.681
NEg	Mcal/lb.	.363	.413
Ash	%	6.94	7.91
Lignin Insoluble Ash	%	2.20	2.51
Calcium (Ca)	%	.40	.46
Phosphorus (P)	%	.32	.37
Magnesium (Mg)	%	.26	.30
Potassium (K)	%	2.02	2.30
Sulfur (S)	%	.13	.15
Sodium (Na)	%	.016	.018
Chloride (Cl)	%		
Copper (Cu)	ppm	4	4
Manganese (Mn)	ppm	76	87
Zinc (Zn)	ppm	12	14
Iron (Fe)	ppm	24	27
Molybdenum (Mo)	ppm		
Aluminum (Al)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			97
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		