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FORAGE/FEEDSTUFF  
 ANALYSIS REPORT  
 [Quality Testing Since 1978]  
 (330) 893-2933 \* www.holmeslab.com  
 Test Performed: 9QW

Customer: Groeschl Ag

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

Date Reported: 07/08/2021  
 Lab Number: 21-682  
 SAMPLE I.D.: Grass Hay  
 Andy Shed 1st

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	13.54	
Dry Matter	%	86.46	
Crude Protein	%	12.99	15.02
Available Protein	%	12.56	14.53
Adjusted Crude Protein	%	12.99	15.02
A.D.F. Protein	%	.43	.50
N.D.F. Protein	%	2.50	2.89
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	3.94	4.56
Acid Detergent Fiber	%	27.83	32.19
Neutral Detergent Fiber	%	45.80	52.97
NFC (Non-Fiber Carbohydrate)	%	21.22	24.54
Sugar	%	6.93	8.02
Starch	%	3.02	3.49
NSC = Starch + Sugar	%	9.95	11.51
Crude Fat	%	2.65	3.06
TDN	%	54.12	62.59
NEl	Mcal/lb.	.572	.662
NEm	Mcal/lb.	.573	.663
NEg	Mcal/lb.	.342	.396
Ash	%	6.31	7.30
Lignin Insoluble Ash	%	1.01	1.17
Calcium (Ca)	%	.29	.34
Phosphorus (P)	%	.23	.27
Magnesium (Mg)	%	.19	.22
Potassium (K)	%	1.82	2.11
Sulfur (S)	%	.17	.20
Sodium (Na)	%	.037	.043
Chloride (Cl)	%		
Copper (Cu)	ppm	3	4
Manganese (Mn)	ppm	50	58
Zinc (Zn)	ppm	13	15
Iron (Fe)	ppm	42	48
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			112
RFQ (Relative Forage Quality)			172
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		