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

Customer: Groeschl Ag

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

Date Reported: 09/10/2020
 Lab Number: 20-857
 SAMPLE I.D.: Grass Hay
 Andy's 3rd Shed

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	11.55	
Dry Matter	%	88.45	
Crude Protein	%	14.98	16.94
Available Protein	%	13.93	15.75
Adjusted Crude Protein	%	14.98	16.94
A.D.F. Protein	%	1.05	1.19
N.D.F. Protein	%	4.92	5.56
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	3.01	3.40
Acid Detergent Fiber	%	30.30	34.26
Neutral Detergent Fiber	%	53.34	60.30
NFC (Non-Fiber Carbohydrate)	%	15.97	18.06
Sugar	%	3.17	3.58
Starch	%	.93	1.05
NSC = Starch + Sugar	%	4.10	4.63
Crude Fat (customer value)	%	2.98	3.37
TDN	%	55.64	62.91
NEl	Mcal/lb.	.596	.674
NEm	Mcal/lb.	.592	.669
NEg	Mcal/lb.	.356	.402
Ash	%	6.62	7.49
Lignin Insoluble Ash	%	.75	.85
Calcium (Ca)	%	.35	.40
Phosphorus (P)	%	.27	.31
Magnesium (Mg)	%	.29	.33
Potassium (K)	%	2.06	2.33
Sulfur (S)	%	.24	.27
Sodium (Na)	%	.069	.078
Chloride (Cl)	%		
Copper (Cu)	ppm	6	7
Manganese (Mn)	ppm	58	66
Zinc (Zn)	ppm	14	16
Iron (Fe)	ppm	41	46
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Trace
pH			
RFQ (Relative Forage Quality)			167
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		
Selenium (Se)	ppm		WILL FOLLOW