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

Customer: Groeschl Ag Services

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

Date Reported: 07/13/2020
 Lab Number: 20-686
 SAMPLE I.D.: Grass Hay
 Andy Shed

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	11.85	
Dry Matter	%	88.15	
Crude Protein	%	11.37	12.90
Available Protein	%	10.58	12.00
Adjusted Crude Protein	%	11.37	12.90
A.D.F. Protein	%	.79	.90
N.D.F. Protein	%	3.58	4.06
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	3.83	4.35
Acid Detergent Fiber	%	31.94	36.23
Neutral Detergent Fiber	%	52.51	59.57
NFC (Non-Fiber Carbohydrate)	%	18.18	20.62
Sugar	%	7.48	8.49
Starch	%	1.00	1.13
NSC = Starch + Sugar	%	8.48	9.62
Crude Fat	%	2.74	3.11
TDN	%	54.28	61.58
NEl	Mcal/lb.	.555	.630
NEm	Mcal/lb.	.545	.618
NEg	Mcal/lb.	.313	.355
Ash	%	6.56	7.44
Lignin Insoluble Ash	%	.36	.41
Calcium (Ca)	%	.30	.34
Phosphorus (P)	%	.22	.25
Magnesium (Mg)	%	.19	.21
Potassium (K)	%	2.14	2.43
Sulfur (S)	%	.17	.19
Sodium (Na)	%	.035	.040
Chloride (Cl)	%		
Copper (Cu)	ppm	4	4
Manganese (Mn)	ppm	78	89
Zinc (Zn)	ppm	12	14
Iron (Fe)	ppm	28	32
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			95
RFQ (Relative Feed Quality)			156
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		