

HOLMES LABORATORY INC.
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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: 10/05/2020
 Lab Number: 20-931
 SAMPLE I.D.: Grass Hay
 Naylor's 3rd Cut

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	14.84	
Dry Matter	%	85.16	
Crude Protein	%	15.13	17.77
Available Protein	%	14.55	17.08
Adjusted Crude Protein	%	15.13	17.77
A.D.F. Protein	%	.59	.69
N.D.F. Protein	%	3.23	3.79
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	3.82	4.48
Acid Detergent Fiber	%	26.97	31.67
Neutral Detergent Fiber	%	42.55	49.97
NFC (Non-Fiber Carbohydrate)	%		
Sugar	%	5.14	6.04
Starch	%	1.72	2.02
NSC = Starch + Sugar	%	6.86	8.06
Crude Fat	%	2.84	3.34
TDN	%	51.67	60.67
NEl	Mcal/lb.	.560	.658
NEm	Mcal/lb.	.535	.628
NEg	Mcal/lb.	.311	.365
Ash	%	7.43	8.73
Lignin Insoluble Ash	%		
Calcium (Ca)	%	.29	.34
Phosphorus (P)	%	.20	.24
Magnesium (Mg)	%	.20	.23
Potassium (K)	%	2.17	2.55
Sulfur (S)	%	.23	.27
Sodium (Na)	%	.025	.029
Chloride (Cl)	%		
Copper (Cu)	ppm	1	1
Manganese (Mn)	ppm	111	130
Zinc (Zn)	ppm	12	14
Iron (Fe)	ppm	37	44
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		
pH			
RFV (Relative Feed Value)			120
RFQ (Relative Forage Quality)			171
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		