

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: 07/08/2022
 Lab Number: 22-838
 SAMPLE I.D.: Mixed Hay
 1st Cut Mix

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	15.89	
Dry Matter	%	84.11	
Crude Protein	%	8.26	9.82
Available Protein	%	7.78	9.25
Adjusted Crude Protein	%		
A.D.F. Protein	%	.48	.57
N.D.F. Protein	%	2.69	3.20
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	5.06	6.01
Acid Detergent Fiber	%	32.54	38.69
Neutral Detergent Fiber	%	51.33	61.03
NFC (Non-Fiber Carbohydrate)	%	19.72	23.44
Sugar (ESC)	%	7.63	9.07
Starch	%	2.80	3.33
NSC = Starch + Sugar (ESC)	%	10.43	12.40
Sugar (WSC)	%		
Crude Fat	%	2.13	2.53
TDN	%	47.41	56.37
NEl	Mcal/lb.	.478	.568
NEm	Mcal/lb.	.453	.539
NEg	Mcal/lb.	.238	.283
Ash	%	4.58	5.45
Lignin Insoluble Ash	%		
Calcium (Ca)	%	.18	.21
Phosphorus (P)	%	.19	.22
Magnesium (Mg)	%	.13	.16
Potassium (K)	%	1.86	2.21
Sulfur (S)	%	.11	.13
Sodium (Na)	%	.065	.077
Chloride (Cl)	%		
Copper (Cu)	ppm	3	3
Manganese (Mn)	ppm	70	83
Zinc (Zn)	ppm	13	16
Iron (Fe)	ppm	29	34
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			90
RFQ (Relative Forage Quality)			130
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		