

HOLMES LABORATORY INC.
 3559 US 62
 Millersburg, OH 44654
 www.facebook.com/holmeslab

FORAGE/FEEDSTUFF
 ANALYSIS REPORT
 [A Vital Key to Todays Agriculture]
 (330) 893-2933 * www.holmeslab.com
 Test Performed: 9Q

Customer: Groeschl Ag Service-Tremblay South

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

Date Reported: 09/28/2017
 Lab Number: 17-2279
 SAMPLE I.D.: Grass Hay
 3rd Cut Orchard Grass

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	15.24	
Dry Matter	%	84.76	
Crude Protein	%	11.46	13.52
Available Protein	%	11.21	13.22
Adjusted Crude Protein	%	11.46	13.52
A.D.F. Protein	%	.25	.30
N.D.F. Protein	%	3.34	3.94
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	3.38	3.99
Acid Detergent Fiber	%	23.55	27.78
Neutral Detergent Fiber	%	42.70	50.38
NFC (Non-Fiber Carbohydrate)	%	22.82	26.92
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	3.97	4.68
TDN	%	56.87	67.09
NEl	Mcal/lb.	.586	.691
NEm	Mcal/lb.	.592	.699
NEg	Mcal/lb.	.363	.428
Ash	%	6.69	7.89
Lignin Insoluble Ash	%	.53	.63
Calcium (Ca)	%	.32	.38
Phosphorus (P)	%	.31	.37
Magnesium (Mg)	%	.23	.27
Potassium (K)	%	1.96	2.31
Sulfur (S)	%	.20	.24
Sodium (Na)	%	.046	.054
Chloride (Cl)	%		
Copper (Cu)	ppm	6	7
Manganese (Mn)	ppm	77	91
Zinc (Zn)	ppm	14	16
Iron (Fe)	ppm	42	50
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			124
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		
RFQ			151