

HOLMES LABORATORY INC.
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FORAGE/FEEDSTUFF
 ANALYSIS REPORT
 [A Vital Key to Today's Agriculture]
 (330) 893-2933 * www.holmeslab.com
 Test Performed: 9

Customer: Groeschl Ag Service

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

Date Reported: 01/17/2017
 Lab Number: 17-124
 SAMPLE I.D.: Grass Haylage
 3rd Cut Orchard

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	60.71	
Dry Matter	%	39.29	
Crude Protein	%	4.22	10.73
Available Protein	%	4.00	10.17
Adjusted Crude Protein	%	4.22	10.73
A.D.F. Protein	%	.22	.56
N.D.F. Protein	%	1.54	3.91
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	2.08	5.29
Acid Detergent Fiber	%	14.22	36.19
Neutral Detergent Fiber	%	22.53	57.34
NFC (Non-Fiber Carbohydrate)	%	8.74	22.24
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	1.75	4.45
TDN	%	24.15	61.47
NEl	Mcal/lb.	.247	.628
NEm	Mcal/lb.	.242	.616
NEg	Mcal/lb.	.139	.354
Ash	%	3.42	8.70
Lignin Insoluble Ash	%	.17	.42
Calcium (Ca)	%	.20	.50
Phosphorus (P)	%	.11	.27
Magnesium (Mg)	%	.09	.23
Potassium (K)	%	1.08	2.76
Sulfur (S)	%	.08	.21
Sodium (Na)	%	.005	.012
Chloride (Cl)	%		
Copper (Cu)	ppm	1	3
Manganese (Mn)	ppm	45	115
Zinc (Zn)	ppm	6	16
Iron (Fe)	ppm	21	54
Molybdenum (Mo)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			98
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		