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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: Andy Groeschl-Orchard Grass

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

Date Reported: 10/28/2016  
 Lab Number: 16-2285  
 SAMPLE I.D.: Grass Haylage  
 Pre-Wrap 3rd Cut

Item	Units	As Sampled Basis	Dry Matter Basis
Moisture	%	59.68	
Dry Matter	%	40.32	
Crude Protein	%	6.53	16.20
Available Protein	%	6.09	15.10
Adjusted Crude Protein	%	6.53	16.20
A.D.F. Protein	%	.44	1.10
N.D.F. Protein	%	1.35	3.35
Soluble Protein	%		
Protein Solubility	%		
Lignin	%	1.58	3.92
Acid Detergent Fiber	%	14.31	35.50
Neutral Detergent Fiber	%	23.01	57.08
NFC (Non-Fiber Carbohydrate)	%	6.84	16.96
Sugar	%		
Starch	%		
NSC = Starch + Sugar	%		
Crude Fat	%	1.62	4.03
TDN	%	25.20	62.51
NEl	Mcal/lb.	.258	.640
NEm	Mcal/lb.	.255	.632
NEg	Mcal/lb.	.148	.368
Ash	%	3.52	8.73
Lignin Insoluble Ash	%	.50	1.24
Calcium (Ca)	%	.18	.45
Phosphorus (P)	%	.11	.28
Magnesium (Mg)	%	.08	.19
Potassium (K)	%	1.03	2.55
Sulfur (S)	%	.08	.19
Sodium (Na)	%	.007	.018
Chloride (Cl)	%		
Copper (Cu)	ppm	3	7
Manganese (Mn)	ppm	38	94
Zinc (Zn)	ppm	5	13
Iron (Fe)	ppm	24	60
Molybdenum (Mo)	ppm		
Aluminum (Al)	ppm		
Nitrate (NO3)	%		Negative
pH			
RFV (Relative Feed Value)			100
Horse DE	Mcal/lb.		
Horse TDN	%		
Crude Fiber	%		
DCAD	meq./100g DM		
DCAD	meq./1 lb.DM		