

FORAGE TESTING LABORATORY

DAIRY ONE, INC.
 730 WARREN ROAD
 ITHACA, NEW YORK 14850
 607-257-1272 (fax 607-257-1350)

Sample Description	Farm	Code	Sample
GRASS HAY		103	29352131
DRY HAY			

Analysis Results

Sampled	Recvd	Printed	ST	CO
	07/06/23	07/06/23		

1ST CUT ORCHARD GRASS 6/26/23
 Groeschl Ag Service, LLC
 10271 N County Route K
 Hayward, WI 54843

Components	As Fed	DM
% Moisture	7.7	
% Dry Matter	92.4	
% Crude Protein	13.8	14.9
% Available Protein	13.4	14.5
% ADICP	.4	.4
% Adjusted Crude Protein	13.8	14.9
Soluble Protein % CP		38
Degradable Protein%CP		69
% NDICP	5.1	5.5
% ADF	34.0	36.8
% aNDF	59.1	64.0
% Lignin	3.4	3.7
% NFC	10.2	11.0
% Starch	.2	.2
% WSC (Water Sol. Carbs.)	7.7	8.3
% ESC (Simple Sugars)	5.8	6.3
% Crude Fat	3.4	3.7
% Total Fatty Acids	1.54	1.67
% RUFAL	.68	.74
% Ash	5.89	6.38
% TDN	64	69
NEL, Mcal/Lb	.55	.60
NEM, Mcal/Lb	.63	.69
NEG, Mcal/Lb	.39	.42
Relative Feed Value		88
% Calcium	.32	.35
% Phosphorus	.32	.35
% Magnesium	.26	.28
% Potassium	2.36	2.56
% Sulfur	.22	.24
% Chloride Ion	1.42	1.54
IVTD 30hr, % of DM		71
IVTD 48hr, % of DM		77
NDFD 30hr, % of NDF		54
NDFD 48hr, % of NDF		64
kd, %/hr		3.06
Relative Forage Quality		143
Milk Lbs./Ton of DM		3,325
% Lysine	.48	.52
% Methionine	.18	.19
Horse DE, Mcal/Lb	.87	.94

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.31	2.89
ME, 1X	1.12	2.47
NEL, 3X	0.64	1.42
NEM, 3X	0.68	1.49
NEG, 3X	0.41	0.90
TDN1X, %	64	