



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
LEGUME HAY		100	25683060
ALFALFA 3RD CUTTING			

Sampled	Recvd	Printed	ST	CO
	04/11/19	04/12/19		

Analysis Results

Reber Ranch
 Reber Ranch
 28606 132nd Ave SE
 Kent, WA 98042

Components	As Fed	DM
% Moisture	8.3	
% Dry Matter	91.7	
% Crude Protein	21.4	23.4
% Available Protein	20.0	21.8
% ADICP	1.4	1.6
% Adjusted Crude Protein	20.9	22.8
Soluble Protein % CP		51
Degradable Protein%CP		78
% NDICP	3.1	3.4
% ADF	29.7	32.4
% aNDF	34.9	38.1
% Lignin	5.6	6.1
% NFC	23.1	25.1
% Starch	1.1	1.2
% WSC (Water Sol. Carbs.)	5.6	6.1
% ESC (Simple Sugars)	5.1	5.5
% Crude Fat	2.1	2.3
% Total Fatty Acids	1.43	1.56
% RUFAL	.70	.76
% Ash	10.24	11.16
% TDN	57	62
NEL, Mcal/Lb	.60	.65
NEM, Mcal/Lb	.56	.61
NEG, Mcal/Lb	.32	.35
Relative Feed Value		155
% Calcium	1.16	1.26
% Phosphorus	.27	.29
% Magnesium	.26	.28
% Potassium	2.36	2.57
% Sodium	.141	.154
PPM Iron	285	311
PPM Zinc	26	28
PPM Copper	6	6
PPM Manganese	32	35
PPM Molybdenum	2.1	2.3
% Sulfur	.35	.38
% Chloride Ion	.81	.88
IVTD 30hr, % of DM		77
NDFD 30hr, % of NDF		39
kd, %/hr		3.47
% Lysine	1.09	1.19
% Methionine	.33	.36
Horse DE, Mcal/Lb	1.00	1.09

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.28	2.82
ME, 1X	1.09	2.39
NEL, 3X	0.62	1.37
NEM, 3X	0.65	1.44
NEG, 3X	0.39	0.85
TDN1X, %	60	

COMMENTS:
 1. WE VALUE YOUR FEEDBACK. PLEASE GO TO FORAGESURVEY.DAIRYONE.COM TO TAKE OUR CUSTOMER SURVEY AND BE ENTERED TO WIN A \$100 VISA GIFT CARD!

*** VALUED CUSTOMERS:
 NEW SUBMITTAL FORMS AND PRICING AS OF MARCH 1, 2019 ***