



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
 MMG HAY | | 102 | 25683050

MIXED HAY 3RD CUT

Analysis Results

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

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

Components | As Fed | DM

% Moisture	6.4	
% Dry Matter	93.6	
% Crude Protein	16.1	17.2
% Available Protein	15.0	16.0
% ADICP	1.1	1.2
% Adjusted Crude Protein	16.1	17.2
Soluble Protein % CP		36
Degradable Protein % CP		67
% NDICP	4.2	4.5
% ADF	31.9	34.1
% aNDF	49.9	53.3
% Lignin	3.8	4.0
% NFC	15.5	16.6
% Starch	.6	.7
% WSC (Water Sol. Carbs.)	8.9	9.6
% ESC (Simple Sugars)	6.7	7.1
% Crude Fat	3.5	3.8
% Total Fatty Acids	1.49	1.59
% RUFAL	.79	.84
% Ash	8.56	9.15
% TDN	63	67
NEL, Mcal/Lb	.61	.65
NEM, Mcal/Lb	.63	.67
NEG, Mcal/Lb	.38	.40
Relative Feed Value		109
% Calcium	.57	.61
% Phosphorus	.24	.26
% Magnesium	.33	.35
% Potassium	1.41	1.51
% Sodium	.308	.329
PPM Iron	125	134
PPM Zinc	35	38
PPM Copper	9	9
PPM Manganese	81	86
PPM Molybdenum	1.0	1.1
% Sulfur	.33	.35
% Chloride Ion	.22	.23
IVTD 30hr, % of DM		74
NDFD 30hr, % of NDF		52
kd, %/hr		3.46
% Lysine	.63	.67
% Methionine	.22	.24
Horse DE, Mcal/Lb	.94	1.00

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.30	2.86
ME, 1X	1.11	2.44
NEL, 3X	0.64	1.40
NEM, 3X	0.67	1.47
NEG, 3X	0.40	0.88
TDN1X, %	63	

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 ***



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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	

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Sample Description	Farm	Code	Sample
GRASS HAY		103	25683070
TIMOTHY 2ND 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	5.9	
% Dry Matter	94.1	
% Crude Protein	13.7	14.6
% Available Protein	12.6	13.4
% ADICP	1.1	1.1
% Adjusted Crude Protein	13.7	14.6
Soluble Protein % CP		37
Degradable Protein % CP		67
% NDICP	3.9	4.1
% ADF	35.1	37.3
% aNDF	53.6	57.0
% Lignin	3.7	3.9
% NFC	15.0	15.9
% Starch	.3	.3
% WSC (Water Sol. Carbs.)	8.1	8.6
% ESC (Simple Sugars)	6.8	7.2
% Crude Fat	2.8	3.0
% Total Fatty Acids	1.20	1.27
% RUFAL	.70	.74
% Ash	9.06	9.63
% TDN	57	61
NEL, Mcal/Lb	.54	.57
NEM, Mcal/Lb	.54	.57
NEG, Mcal/Lb	.30	.31
Relative Feed Value		98
% Calcium	.38	.40
% Phosphorus	.23	.24
% Magnesium	.18	.19
% Potassium	2.39	2.54
% Sodium	.045	.048
PPM Iron	180	192
PPM Zinc	34	36
PPM Copper	7	8
PPM Manganese	31	32
PPM Molybdenum	1.0	1.1
% Sulfur	.23	.24
% Chloride Ion	.68	.72
IVTD 30hr, % of DM		70
NDFD 30hr, % of NDF		47
kd, %/hr		2.94
% Lysine	.48	.51
% Methionine	.18	.19
Horse DE, Mcal/Lb	.89	.94

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.23	2.72
ME, 1X	1.04	2.30
NEL, 3X	0.59	1.30
NEM, 3X	0.62	1.37
NEG, 3X	0.36	0.79
TDN1X, %	61	

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