



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 |23964590 |

2ND CUTTING ORCH/ALF MIXED

 |Sampled | Recvd |Printed |ST|CO|
 | | |07/31/17|08/02/17| | |

Analysis Results

2ND CUTTING ORCH/ALF MIXED
 REBER FAMILY PARTNERSHIP
 28606
 132ND AVE SE
 KENT, WA 98042

Components	As Fed	DM
% Moisture	7.7	
% Dry Matter	92.3	
% Crude Protein	15.5	16.8
% Available Protein	14.3	15.5
% ADICP	1.2	1.3
% Adjusted Crude Protein	15.5	16.8
Soluble Protein % CP		40
Degradable Protein%CP		73
% NDICP	3.5	3.8
% ADF	29.8	32.3
% aNDF	44.6	48.3
% Lignin	4.1	4.5
% NFC	19.1	20.7
% Starch	3.7	4.1
% WSC (Water Sol. Carbs.)	7.5	8.2
% ESC (Simple Sugars)	4.6	5.0
% Crude Fat	3.8	4.1
% Total Fatty Acids	1.63	1.77
% RUFAL	.73	.79
% Ash	9.38	10.16
% TDN	58	63
NEL, Mcal/Lb	.59	.63
NEM, Mcal/Lb	.57	.62
NEG, Mcal/Lb	.33	.36
Relative Feed Value		123
% Calcium	1.36	1.47
% Phosphorus	.35	.38
% Magnesium	.24	.26
% Potassium	2.03	2.20
% Sodium	.131	.142
PPM Iron	149	161
PPM Zinc	47	51
PPM Copper	16	17
PPM Manganese	50	54
PPM Molybdenum	1.5	1.6
% Sulfur	.28	.30
% Chloride Ion	.30	.32
IVTD 30hr, % of DM		72
NDFD 30hr, % of NDF		43
kd, %/hr		2.83
% Lysine	.60	.65
% Methionine	.21	.23
Horse DE, Mcal/Lb	.97	1.05

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.29	2.84
ME, 1X	1.10	2.43
NEL, 3X	0.63	1.39
NEM, 3X	0.66	1.46
NEG, 3X	0.39	0.87
TDN1X, %	63	

COMMENTS:
 1. THIS SAMPLE WAS TESTED TWICE
 FOR CALCIUM TO CONFIRM THE
 VALUE LISTED.