



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 |23964580 |

2ND CUTTING ALFALFA

 |Sampled | Recvd |Printed |ST|CO|
 | | |07/31/17|08/01/17| | |

Analysis Results

2ND CUTTING ALFALFA
 REBER FAMILY PARTNERSHIP
 28606
 132ND AVE SE
 KENT, WA 98042

Components	As Fed	DM
% Moisture	7.3	
% Dry Matter	92.7	
% Crude Protein	15.2	16.4
% Available Protein	13.8	14.9
% ADICP	1.4	1.5
% Adjusted Crude Protein	14.8	15.9
Soluble Protein % CP		49
Degradable Protein%CP		79
% NDICP	2.4	2.6
% ADF	34.3	37.0
% aNDF	42.6	46.0
% Lignin	6.3	6.8
% NFC	23.4	25.2
% Starch	1.1	1.2
% WSC (Water Sol. Carbs.)	7.3	7.9
% ESC (Simple Sugars)	5.6	6.1
% Crude Fat	2.1	2.3
% Total Fatty Acids	1.14	1.23
% RUFAL	.58	.63
% Ash	9.44	10.19
% TDN	52	56
NEL, Mcal/Lb	.53	.57
NEM, Mcal/Lb	.47	.51
NEG, Mcal/Lb	.24	.26
Relative Feed Value		122
% Calcium	.90	.98
% Phosphorus	.23	.25
% Magnesium	.20	.22
% Potassium	2.84	3.07
% Sodium	.080	.086
PPM Iron	143	154
PPM Zinc	19	20
PPM Copper	9	10
PPM Manganese	20	22
PPM Molybdenum	1.2	1.3
% Sulfur	.22	.24
% Chloride Ion	.37	.40
IVTD 30hr, % of DM		70
NDFD 30hr, % of NDF		35
kd, %/hr		2.82
% Lysine	.77	.83
% Methionine	.24	.26
Horse DE, Mcal/Lb	.96	1.04

 ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.18	2.60
ME, 1X	0.99	2.18
NEL, 3X	0.56	1.22
NEM, 3X	0.58	1.28
NEG, 3X	0.32	0.71
TDN1X, %	57	
