

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

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 |Sample Description |Farm|Code| Sample |  
 |GRASS HAY | |103 |24107600|  
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 |ORCHARD GRASS 2ND CUTTING |

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 |Sampled | Recvd |Printed |ST|CO|  
 | |09/13/17|09/13/17| | |

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Analysis Results
Components

ORCHARD GRASS 2ND CUTTING  
 Reber Ranch  
 28606 132nd Ave SE  
 Kent, WA 98042

% Moisture	7.5	
% Dry Matter	92.5	
% Crude Protein	15.6	16.9
% Available Protein	14.7	15.9
% ADICP	1.0	1.0

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 ENERGY TABLE - NRC 2001  
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	Mcal/Lb	Mcal/Kg
DE, 1X	1.25	2.75
ME, 1X	1.06	2.33
NEL, 3X	0.60	1.33
NEM, 3X	0.63	1.39
NEG, 3X	0.37	0.81
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TDN1X, %	60	

% Adjusted Crude Protein	15.6	16.9
Soluble Protein % CP		35
Degradable Protein%CP		66
% NDICP	4.6	4.9
% ADF	32.7	35.4
% aNDF	52.6	56.9
% Lignin	2.8	3.1
% NFC	8.9	9.6
% Starch	.2	.2
% WSC (Water Sol. Carbs.)	8.6	9.3
% ESC (Simple Sugars)	5.1	5.5
% Crude Fat	3.6	3.9
% Total Fatty Acids	1.45	1.57
% RUFAL	.75	.81
% Ash	11.80	12.76
% TDN	61	65

NEL, Mcal/Lb	.57	.62
NEM, Mcal/Lb	.60	.65
NEG, Mcal/Lb	.35	.38
Relative Feed Value		100
% Calcium	.32	.35
% Phosphorus	.29	.31
% Magnesium	.25	.27
% Potassium	3.02	3.26
% Sulfur	.34	.37
% Chloride Ion	.30	.32
IVTD 30hr, % of DM		77
NDFD 30hr, % of NDF		59
kd, %/hr		3.91
% Lysine	.54	.59
% Methionine	.20	.22
Horse DE, Mcal/Lb	.82	.89