

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 |25595560|  
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 |ORCHARD GRASS |

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Analysis Results

|Sampled | Recvd |Printed |ST|CO|  
 | | |02/28/19|03/01/19| | |

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 |ORCHARD GRASS |  
 |Reber Ranch |  
 |28606 132nd Ave SE |  
Kent, WA 98042

Components	As Fed	DM
% Moisture	5.1	
% Dry Matter	94.9	
% Crude Protein	17.0	17.9
% Available Protein	16.0	16.8
% ADICP	1.0	1.1
% Adjusted Crude Protein	17.0	17.9
Soluble Protein % CP		35
Degradable Protein%CP		70
% NDICP	5.4	5.7
% ADF	31.6	33.3
% aNDF	50.4	53.1
% Lignin	3.7	3.9
% NFC	12.4	13.0
% Starch	.8	.8
% WSC (Water Sol. Carbs.)	7.9	8.3
% ESC (Simple Sugars)	6.2	6.5
% Crude Fat	5.0	5.3
% Total Fatty Acids	1.94	2.04
% RUFAL	.94	.99
% Ash	10.18	10.72
% TDN	66	69
NEL, Mcal/Lb	.65	.68
NEM, Mcal/Lb	.68	.71
NEG, Mcal/Lb	.42	.44
Relative Feed Value		110
% Calcium	.38	.40
% Phosphorus	.24	.25
% Magnesium	.27	.29
% Potassium	2.84	2.99
% Sodium	.116	.122
PPM Iron	206	217
PPM Zinc	23	24
PPM Copper	12	13
PPM Manganese	73	76
PPM Molybdenum	1.1	1.2
% Sulfur	.32	.34
% Chloride Ion	.89	.94
IVTD 30hr, % of DM		77
NDFD 30hr, % of NDF		56
kd, %/hr		3.93
% Lysine	.59	.62
% Methionine	.22	.23
Horse DE, Mcal/Lb	.94	.99

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ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.32	2.92
ME, 1X	1.14	2.51
NEL, 3X	0.66	1.45
NEM, 3X	0.69	1.51
NEG, 3X	0.42	0.92
TDN1X, %	64	

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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 \*\*\*