

FORAGE TESTING LABORATORY

DAIRY ONE, INC.
 730 WARREN ROAD
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 |Sample Description |Farm|Code| Sample |
 |GRASS HAY | |103 |25166370|

ORCHARD GRASS 2018 2ND CUTTING

Analysis Results

 |Sampled | Recvd |Printed |ST|CO|
 | | |09/21/18|09/24/18| | |

ORCHARD GRASS 2018 2ND CUTTING
 Reber Ranch
 28606 132nd Ave SE
 Kent, WA 98042

Components	As Fed	DM
% Moisture	6.9	
% Dry Matter	93.1	
% Crude Protein	13.0	14.0
% Available Protein	12.2	13.2
% ADICP	.8	.8
% Adjusted Crude Protein	13.0	14.0
Soluble Protein % CP		35
Degradable Protein%CP		65
% NDICP	4.8	5.1
% ADF	34.5	37.0
% aNDF	55.5	59.6
% Lignin	2.7	2.9
% NFC	8.6	9.2
% Starch	.5	.6
% WSC (Water Sol. Carbs.)	8.1	8.7
% ESC (Simple Sugars)	4.8	5.2
% Crude Fat	3.9	4.2
% Total Fatty Acids	1.60	1.72
% RUFAL	.79	.85
% Ash	12.11	13.00
% TDN	61	65
NEL, Mcal/Lb	.56	.60
NEM, Mcal/Lb	.60	.64
NEG, Mcal/Lb	.35	.38
Relative Feed Value		94
% Calcium	.35	.38
% Phosphorus	.24	.26
% Magnesium	.21	.23
% Potassium	3.06	3.29
% Sodium	.086	.093
PPM Iron	210	225
PPM Zinc	20	21
PPM Copper	8	8
PPM Manganese	73	79
PPM Molybdenum	1.4	1.5
% Sulfur	.29	.31
% Chloride Ion	.93	1.00
IVTD 30hr, % of DM		77
NDFD 30hr, % of NDF		61
kd, %/hr		4.02
% Lysine	.45	.49
% Methionine	.17	.18
Horse DE, Mcal/Lb	.80	.86

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.23	2.71
ME, 1X	1.04	2.30
NEL, 3X	0.59	1.31
NEM, 3X	0.62	1.36
NEG, 3X	0.36	0.78
TDN1X, %	60	

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!