

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 |30161980|

2024 ALFALFA HAY STE-A42743-3

 |Sampled | Recvd |Printed |ST|CO|
 |07/19/24|07/29/24|08/07/24| | |

Analysis Results
Components

Reber Ranch
 Reber Ranch
 28606 132nd Ave SE
 Kent, WA 98042

% Moisture	9.0	
% Dry Matter	91.1	
% Crude Protein	19.6	21.5
% Available Protein	18.3	20.1
% ADICP	1.3	1.4
% Adjusted Crude Protein	19.6	21.5

 ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.30	2.87
ME, 1X	1.11	2.45
NEL, 3X	0.64	1.40
NEM, 3X	0.67	1.48
NEG, 3X	0.40	0.89

TDN1X, %	62	

Soluble Protein % CP		49
Degradable Protein%CP		77
% NDICP	3.5	3.8
% ADF	27.6	30.3
% aNDF	33.5	36.8
% Lignin	5.3	5.8
% NFC	26.6	29.2
% Starch	.4	.5
% WSC (Water Sol. Carbs.)	6.8	7.5
% ESC (Simple Sugars)	5.1	5.6
% Crude Fat	2.0	2.2
% Total Fatty Acids	1.52	1.67
% RUFAL	.67	.74
% Ash	9.39	10.31
% TDN	59	65

COMMENTS:
 1. THIS SAMPLE WAS TESTED TWICE
 FOR CRUDE PROTEIN, SOLUBLE
 PROTEIN AND DEGRADABLE PROTEIN
 TO CONFIRM THE VALUES LISTED.

NEL, Mcal/Lb	.62	.68
NEM, Mcal/Lb	.59	.65
NEG, Mcal/Lb	.35	.38
Relative Feed Value		165

% Calcium	1.30	1.43
% Phosphorus	.25	.28
% Magnesium	.28	.31
% Potassium	2.14	2.35
% Sodium	.258	.283
PPM Iron	234	257
PPM Zinc	22	24
PPM Copper	8	8
PPM Manganese	24	26
PPM Molybdenum	2.5	2.8
% Sulfur	.29	.32
% Chloride Ion	.64	.70

IVTD 30hr, % of DM		78
NDFD 30hr, % of NDF		40
kd, %/hr		3.60
% Lysine	1.00	1.09
% Methionine	.31	.34
Horse DE, Mcal/Lb	1.03	1.13