

**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
GRASS HAY	103	30245350
WHB-TF41421 2024 TEFF		

**Analysis Results**

Sampled	Recvd	Printed	ST	CO
	08/26/24	08/29/24		

WHB-TF41421 2024 TEFF  
 Reber Ranch  
 28606 132nd Ave SE  
 Kent, WA 98042

Components	As Fed	DM
% Moisture	6.6	
% Dry Matter	93.4	
% Crude Protein	16.2	17.3
% Available Protein	15.0	16.0
% ADICP	1.2	1.3
% Adjusted Crude Protein	16.2	17.3
Soluble Protein % CP		33
Degradable Protein%CP		72
% NDICP	5.4	5.8
% ADF	32.5	34.8
% aNDF	52.9	56.6
% Lignin	3.1	3.3
% NFC	9.2	9.8
% Starch	1.3	1.4
% WSC (Water Sol. Carbs.)	6.7	7.2
% ESC (Simple Sugars)	5.3	5.7
% Crude Fat	2.9	3.1
% Total Fatty Acids	1.48	1.58
% RUFAL	.83	.89
% Ash	12.30	13.17
% TDN	60	64
NEL, Mcal/Lb	.56	.60
NEM, Mcal/Lb	.57	.62
NEG, Mcal/Lb	.33	.35
Relative Feed Value		102
% Calcium	.42	.45
% Phosphorus	.53	.57
% Magnesium	.21	.23
% Potassium	2.74	2.93
% Sodium	.054	.058
PPM Iron	679	727
PPM Zinc	78	84
PPM Copper	13	14
PPM Manganese	60	64
PPM Molybdenum	4.7	5.0
% Sulfur	.27	.29
% Chloride Ion	.71	.76
IVTD 30hr, % of DM		75
NDFD 30hr, % of NDF		56
kd, %/hr		3.69
% Lysine	.56	.60
% Methionine	.21	.23
Horse DE, Mcal/Lb	.81	.87

**ENERGY TABLE - NRC 2001**

	Mcal/Lb	Mcal/Kg
DE, 1X	1.22	2.68
ME, 1X	1.02	2.26
NEL, 3X	0.58	1.28
NEM, 3X	0.61	1.34
NEG, 3X	0.34	0.76
TDN1X, %	59	