

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
 DAMP GRASS HAY | | 803 | 27378650
 Paddock 8 Standing Grass Stockpile

Analysis Results

Sampled | Recvd | Printed | ST | CO
 01/04/21 | 01/22/21 | 01/22/21 | |

TAUNA M POWELL
 TAUNA M POWELL
 TANNACHTON FARM
 24530 HWY 5
 LACLEDE, MO 64651

Components	As Fed	DM
% Moisture	20.1	
% Dry Matter	79.9	
% Crude Protein	6.7	8.4
% Available Protein	5.8	7.3
% ADICP	.9	1.2
% Adjusted Crude Protein	6.7	8.4
Soluble Protein % CP		34
Degradable Protein % CP		69
% NDICP	3.4	4.2
% ADF	34.1	42.7
% aNDF	52.6	65.8
% Lignin	5.3	6.6
% NFC	13.0	16.3
% Starch	.6	.8
% WSC (Water Sol. Carbs.)	3.8	4.7
% ESC (Simple Sugars)	2.5	3.1
% Crude Fat	2.5	3.2
% Total Fatty Acids	.75	.94
% RUFAL	.42	.52
% Ash	5.05	6.32
% TDN	42	52
NEL, Mcal/Lb	.35	.44
NEM, Mcal/Lb	.35	.43
NEG, Mcal/Lb	.15	.18
Relative Feed Value		79
% Calcium	.51	.64
% Phosphorus	.10	.13
% Magnesium	.14	.18
% Potassium	.50	.62
% Sulfur	.19	.24
% Chloride Ion	.10	.12
IVTD 30hr, % of DM		52
NDFD 30hr, % of NDF		28
kd, %/hr		1.63
% Lysine	.23	.29
% Methionine	.09	.11
Horse DE, Mcal/Lb	.74	.93

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.13	2.49
ME, 1X	0.94	2.07
NEL, 3X	0.52	1.15
NEM, 3X	0.54	1.19
NEG, 3X	0.29	0.63
TDN1X, %	57	

*THE FORAGE & SOIL LABS WILL BE
 CLOSED DEC 25,2020 AND JAN 1,2021*

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Sample Description | Farm | Code | Sample
 DAMP GRASS HAY | | 803 | 27378660
 Paddock 24 Standing Grass Stockpile

Analysis Results

Sampled | Recvd | Printed | ST | CO
 01/04/21 | 01/22/21 | 01/22/21 | |

TAUNA M POWELL
 TAUNA M POWELL
 TANNACHTON FARM
 24530 HWY 5
 LACLEDE, MO 64651

Components	As Fed	DM
% Moisture	38.3	
% Dry Matter	61.7	
% Crude Protein	10.7	17.4
% Available Protein	9.7	15.8
% ADICP	1.0	1.6
% Adjusted Crude Protein	10.4	16.8
Soluble Protein % CP		40
Degradable Protein % CP		69
% NDICP	3.3	5.4
% ADF	23.1	37.4
% aNDF	35.5	57.6
% Lignin	4.0	6.4
% NFC	6.5	10.5
% Starch	.3	.6
% WSC (Water Sol. Carbs.)	3.9	6.3
% ESC (Simple Sugars)	2.8	4.5
% Crude Fat	2.5	4.1
% Total Fatty Acids	.77	1.25
% RUFAL	.47	.76
% Ash	6.43	10.42
% TDN	37	61
NEL, Mcal/Lb	.35	.57
NEM, Mcal/Lb	.36	.58
NEG, Mcal/Lb	.20	.32
Relative Feed Value		97
% Calcium	.35	.56
% Phosphorus	.17	.27
% Magnesium	.15	.24
% Potassium	1.37	2.22
% Sulfur	.19	.31
% Chloride Ion	.40	.65
IVTD 30hr, % of DM		68
NDFD 30hr, % of NDF		45
kd, %/hr		3.34
% Lysine	.37	.60
% Methionine	.14	.23
Horse DE, Mcal/Lb	.57	.92

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.18	2.61
ME, 1X	0.99	2.19
NEL, 3X	0.56	1.23
NEM, 3X	0.58	1.28
NEG, 3X	0.32	0.71
TDN1X, %	57	

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 |Sample Description |Farm|Code| Sample |
 |DAMP GRASS HAY | |803 |27378670|

BOWYER FARM STANDING GRASS STOCKPILE

Analysis Results

 |Sampled | Recvd |Printed |ST|CO|
 |01/04/21|01/22/21|01/22/21| | |

TAUNA M POWELL
 TAUNA M POWELL
 TANNACHTON FARM
 24530 HWY 5
 LACLEDE, MO 64651

Components	As Fed	DM
% Moisture	35.3	
% Dry Matter	64.7	
% Crude Protein	6.7	10.4
% Available Protein	5.8	9.0
% ADICP	.9	1.4
% Adjusted Crude Protein	6.7	10.4
Soluble Protein % CP		36
Degradable Protein%CP		64
% NDICP	2.7	4.2
% ADF	26.2	40.5
% aNDF	39.8	61.5
% Lignin	3.7	5.7
% NFC	10.3	16.0
% Starch	.3	.4
% WSC (Water Sol. Carbs.)	2.4	3.7
% ESC (Simple Sugars)	2.1	3.3
% Crude Fat	2.5	3.8
% Total Fatty Acids	.71	1.10
% RUFAL	.43	.66
% Ash	5.39	8.32
% TDN	35	53
NEL, Mcal/Lb	.31	.48
NEM, Mcal/Lb	.30	.46
NEG, Mcal/Lb	.14	.21
Relative Feed Value		87
% Calcium	.37	.57
% Phosphorus	.12	.19
% Magnesium	.12	.18
% Potassium	.98	1.52
% Sulfur	.16	.25
% Chloride Ion	.36	.55
IVTD 30hr, % of DM		61
NDFD 30hr, % of NDF		37
kd, %/hr		2.26
% Lysine	.23	.36
% Methionine	.09	.14
Horse DE, Mcal/Lb	.61	.94

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