

FORAGE TESTING LABORATORY
DAIRY ONE, INC.
730 WARREN ROAD
ITHACA, NEW YORK 14850
607-257-1272 (fax 607-257-1350)

|Sampled | Recvd |Printed |ST|CO|
| |10/03/24|10/08/24| | |

SMITH
Penn State Univ-Duiker
408 ASI Bldg
University Park, PA 16802

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.11	2.44
ME, 1X	0.91	2.01
NEL, 3X	0.51	1.12
NEM, 3X	0.52	1.15
NEG, 3X	0.27	0.59
TDN1X, %	56	

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

Sample Description	Farm	Code	Sample
MMG HAY		102	30351100
DRY HAY			
Analysis Results			
Components	As Fed	DM	
% Moisture	9.0		
% Dry Matter	91.0		
% Crude Protein	7.7	8.5	
% Adjusted Crude Protein	7.7	8.5	
Soluble Protein % CP		18	
% ADF	38.8	42.6	
% aNDF	59.3	65.1	
% NFC	14.9	16.4	
% TDN	51	56	
NEL, Mcal/Lb	.43	.47	
NEM, Mcal/Lb	.44	.48	
NEG, Mcal/Lb	.21	.23	
Relative Feed Value		80	
% Calcium	.56	.61	
% Phosphorus	.16	.17	
% Magnesium	.17	.18	
% Potassium	1.54	1.69	
% Sodium	.008	.008	
PPM Iron	76	83	
PPM Zinc	16	18	
PPM Copper	4	5	
PPM Manganese	100	110	
PPM Molybdenum	3.3	3.6	
% Sulfur	.12	.13	
Horse DE, Mcal/Lb	.82	.90	

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KRIESS
 Penn State Univ-Duiker
 408 ASI Bldg
 University Park, PA 16802

 ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.09	2.41
ME, 1X	0.90	1.98
NEL, 3X	0.50	1.10
NEM, 3X	0.51	1.13
NEG, 3X	0.26	0.57
TDN1X, %	55	

COMMENTS:

- 1.THIS SAMPLE WAS TESTED TWICE FOR CRUDE PROTEIN AND SOLUBLE PROTEIN TO CONFIRM THE VALUES LISTED.

Sample Description	Farm	Code	Sample
MMG HAY		102	30351110
DRY HAY			
Analysis Results			
Components	As Fed	DM	
% Moisture	8.6		
% Dry Matter	91.4		
% Crude Protein	7.6	8.3	
% Adjusted Crude Protein	7.6	8.3	
Soluble Protein % CP		23	
% ADF	37.7	41.3	
% aNDF	61.9	67.7	
% NFC	12.8	14.0	
% TDN	50	55	
NEL, Mcal/Lb	.41	.45	
NEM, Mcal/Lb	.43	.47	
NEG, Mcal/Lb	.20	.22	
Relative Feed Value		78	
% Calcium	.34	.37	
% Phosphorus	.10	.11	
% Magnesium	.11	.12	
% Potassium	1.27	1.39	
% Sodium	.010	.011	
PPM Iron	69	76	
PPM Zinc	18	19	
PPM Copper	4	4	
PPM Manganese	138	152	
PPM Molybdenum	.4	.4	
% Sulfur	.12	.14	
Horse DE, Mcal/Lb	.80	.88	