



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

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 |Sample Description |Farm|Code| Sample |  
 |FR MMG FORAGE | | |202 |16295600 |  
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 CUT 11/03/10  
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 |Sampled | Recvd |Printed |ST|CO|  
 |11/03/10|02/18/11|02/22/11| | |  
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USDA-NE SARE  
 UNIV OF MAINE - KERSBERGEN, RICHRD  
 COOPERATIVE EXTENSION  
 5741 LIBBY HALL ROOM 105 B  
 ORONO, ME 04469

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 Analysis Results  
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Components	As Fed	DM
% Moisture	67.4	
% Dry Matter	32.6	
% Crude Protein	6.9	21.2
% Adjusted Crude Protein	6.9	21.2
Soluble Protein % CP		48
% Acid Detergent Fiber	9.6	29.5
% Neutral Detergent Fiber	12.0	36.7
% NFC	11.3	34.7
% TDN	22	66
NEL, Mcal/Lb	.23	.70
NEM, Mcal/Lb	.22	.68
NEG, Mcal/Lb	.13	.41
Relative Feed Value		167
% Calcium	.32	.99
% Phosphorus	.07	.21
% Magnesium	.06	.19
% Potassium	.73	2.22
% Sodium	.015	.047
PPM Iron	61	188
PPM Zinc	7	21
PPM Copper	2	6
PPM Manganese	8	24
PPM Molybdenum	.4	1.1
% Sulfur	.07	.23
Horse DE, Mcal/Lb	.39	1.21

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 ENERGY TABLE - NRC 2001  
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	Mcal/Lb	Mcal/Kg
DE, 1X	1.38	3.04
ME, 1X	1.19	2.63
NEL, 3X	0.69	1.52
NEM, 3X	0.73	1.60
NEG, 3X	0.45	1.00
TDN1X, %	66	



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Sample Description	Farm	Code	Sample
MMG SILAGE		302	16295610
SILAGE 01/08/11			
Analysis Results			
Components	As Fed	DM	
% Moisture	65.6		
% Dry Matter	34.4		
% Crude Protein	7.2	20.9	
% Available Protein	6.1	17.9	
% ADICP	1.0	3.0	
% Adjusted Crude Protein	6.5	18.9	
Soluble Protein % CP		61	
% Acid Detergent Fiber	14.3	41.5	
% Neutral Detergent Fiber	16.4	47.7	
% NFC	8.8	25.6	
% TDN	20	59	
NEL, Mcal/Lb	.21	.60	
NEM, Mcal/Lb	.19	.56	
NEG, Mcal/Lb	.10	.30	
Relative Feed Value		110	
% Calcium	.36	1.06	
% Phosphorus	.07	.21	
% Magnesium	.08	.22	
% Potassium	.64	1.86	
% Sodium	.018	.051	
PPM Iron	630	1,830	
PPM Zinc	12	36	
PPM Copper	5	15	
PPM Manganese	20	58	
PPM Molybdenum	.3	.7	
% Sulfur	.08	.23	
pH	5.9		
% Ammonia (Protein Equiv)	.78	2.28	
Lactic Acid, %	.55	1.60	
Acetic Acid, %	.52	1.52	
Lactic/Acetic Ratio		1.05	
Propionic Acid, %	.00	.00	
Butyric Acid, %	.02	.05	
Iso-Butyric Acid, %	.27	.80	
Total Acids, %		3.96	
Amm-N, % of Total N		11	
VFA Score		4.90	

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 |Sampled | Recvd | Printed | ST | CO |  
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 ENERGY TABLE - NRC 2001  
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	Mcal/Lb	Mcal/Kg
DE, 1X	1.24	2.73
ME, 1X	1.05	2.30
NEL, 3X	0.59	1.31
NEM, 3X	0.62	1.37
NEG, 3X	0.36	0.79
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TDN1X, %	59	
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