



Dairy One



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|
| 09/01/23|09/01/23| |

FIELD #1
Upper Mountain Research Station
8004 NC Hwy 88 E
Laurel Springs, NC 28644

ENERGY TABLE - NRC 2001

Table with 3 columns: Component, Mcal/Lb, Mcal/Kg. Rows include DE, ME, NEL, NEM, NEG, TDN1X, etc.

Sample Description | Farm|Code| Sample
GRASS HAY | | 103 | 29500220
GRASS HAY

Analysis Results

Main analysis results table with columns: Components, As Fed, DM. Rows include % Moisture, % Dry Matter, % Crude Protein, etc.

\*\*\* THE FORAGE LAB WILL BE
CLOSED SEPTEMBER 4TH, 2023 \*\*\*



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 FIELD #2  
 Upper Mountain Research Station  
 8004 NC Hwy 88 E  
 Laurel Springs, NC 28644

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 ENERGY TABLE - NRC 2001  
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	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
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TDN1X, %	59	

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 |Sample Description |Farm|Code| Sample |  
 |GRASS HAY | |103 |29500230|

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 |GRASS HAY

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 Analysis Results  
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Components	As Fed	DM
% Moisture	9.6	
% Dry Matter	90.4	
% Crude Protein	11.1	12.3
% Available Protein	10.0	11.1
% ADICP	1.0	1.2
% Adjusted Crude Protein	11.1	12.3
Soluble Protein % CP		35
Degradable Protein%CP		67
% NDICP	4.0	4.4
% ADF	37.2	41.2
% aNDF	54.5	60.3
% Lignin	4.5	5.0
% NFC	15.6	17.2
% Starch	.6	.7
% WSC (Water Sol. Carbs.)	6.7	7.4
% ESC (Simple Sugars)	5.4	5.9
% Crude Fat	2.1	2.3
% Total Fatty Acids	.81	.90
% RUFAL	.40	.44
% Ash	7.17	7.93
% TDN	52	58
NEL, Mcal/Lb	.47	.52
NEM, Mcal/Lb	.47	.52
NEG, Mcal/Lb	.24	.26
Relative Feed Value		88
% Calcium	.61	.67
% Phosphorus	.27	.30
% Magnesium	.24	.26
% Potassium	1.94	2.15
% Sulfur	.18	.20
% Chloride Ion	.72	.80
IVTD 30hr, % of DM		66
NDFD 30hr, % of NDF		43
kd, %/hr		2.74
% Lysine	.39	.43
% Methionine	.14	.16
Horse DE, Mcal/Lb	.84	.93

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