

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 STRAW	878	21227770
STRAW/ TURNIP		

Analysis Results

Sampled	Recvd	Printed	ST	CO
	12/29/14	12/30/14		

Components	As Fed	DM
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PLOT 1
 JOHN OMEARA
 272 EAST RD
 NEW SWEDEN, ME 04762

% Moisture	32.3	
% Dry Matter	67.7	
% Crude Protein	8.0	11.8
% Available Protein	6.9	10.2
% ADICP	1.0	1.5
% Adjusted Crude Protein	7.6	11.2

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	0.97	2.14
ME, 1X	0.78	1.72
NEL, 3X	0.42	0.92
NEM, 3X	0.42	0.92
NEG, 3X	0.17	0.38
TDN1X, %	48	

Soluble Protein % CP		31
Degradable Protein%CP		66
% NDICP	3.6	5.3
% Acid Detergent Fiber	30.5	45.1
% Neutral Detergent Fiber	47.6	70.3
% Lignin	6.5	9.7
% NFC	4.9	7.3
% Starch	.9	1.4
% WSC (Water Sol. Carbs.)	.1	.2
% ESC (Simple Sugars)	1.0	1.4
% Crude Fat	1.4	2.1
% Ash	5.77	8.52
% TDN	32	48
NEL, Mcal/Lb	.25	.37
NEM, Mcal/Lb	.24	.35
NEG, Mcal/Lb	.07	.11
Relative Feed Value		71
% Calcium	.49	.72
% Phosphorus	.10	.15
% Magnesium	.12	.17
% Potassium	.81	1.20
% Sulfur	.16	.23
% Chloride Ion	.13	.19
% Lysine	.26	.38
% Methionine	.09	.14
Horse DE, Mcal/Lb	.54	.80

FORAGE LAB WILL BE CLOSED
 12/25 & 12/26/14 & JAN 1ST 2015
 HAPPY HOLIDAYS

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Sample Description	Farm Code	Sample
DAMP STRAW	878	21227780
STRAW/ TURNIP		

Analysis Results

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	12/29/14	12/30/14		

Components	As Fed	DM
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PLOT 2
 JOHN OMEARA
 272 EAST RD
 NEW SWEDEN, ME 04762

% Moisture	23.2	
% Dry Matter	76.8	
% Crude Protein	7.8	10.1
% Available Protein	7.3	9.5
% ADICP	.5	.7
% Adjusted Crude Protein	7.8	10.1

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	0.99	2.18
ME, 1X	0.79	1.75
NEL, 3X	0.43	0.94
NEM, 3X	0.43	0.95
NEG, 3X	0.18	0.40
TDN1X, %	49	

Soluble Protein % CP		34
Degradable Protein%CP		65
% NDICP	3.4	4.4
% Acid Detergent Fiber	34.4	44.8
% Neutral Detergent Fiber	57.1	74.4
% Lignin	6.9	9.0
% NFC	4.6	5.9
% Starch	1.2	1.5
% WSC (Water Sol. Carbs.)	.2	.2
% ESC (Simple Sugars)	1.3	1.7
% Crude Fat	1.6	2.1
% Ash	5.72	7.45
% TDN	38	49
NEL, Mcal/Lb	.25	.33
NEM, Mcal/Lb	.28	.37
NEG, Mcal/Lb	.09	.12
Relative Feed Value		67
% Calcium	.46	.60
% Phosphorus	.12	.15
% Magnesium	.12	.16
% Potassium	.64	.84
% Sulfur	.19	.25
% Chloride Ion	.15	.19
% Lysine	.25	.33
% Methionine	.09	.12
Horse DE, Mcal/Lb	.60	.78

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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 STRAW	878	21227790

STRAW/ TURNIP

Analysis Results

Sampled	Recvd	Printed	ST	CO
	12/29/14	12/30/14		

PLOT 3
JOHN OMEARA
272 EAST RD
NEW SWEDEN, ME 04762

Components	As Fed	DM
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% Moisture	12.3	
% Dry Matter	87.7	
% Crude Protein	9.2	10.5
% Available Protein	8.7	9.9
% ADICP	.6	.6
% Adjusted Crude Protein	9.2	10.5
Soluble Protein % CP		39
Degradable Protein%CP		67
% NDICP	3.9	4.5
% Acid Detergent Fiber	38.9	44.3
% Neutral Detergent Fiber	60.4	68.9
% Lignin	7.1	8.1
% NFC	9.5	10.8
% Starch	1.0	1.1
% WSC (Water Sol. Carbs.)	.8	1.0
% ESC (Simple Sugars)	2.1	2.5
% Crude Fat	2.7	3.0
% Ash	5.90	6.73
% TDN	47	54
NEL, Mcal/Lb	.38	.43
NEM, Mcal/Lb	.40	.46
NEG, Mcal/Lb	.18	.21
Relative Feed Value		73
% Calcium	.49	.56
% Phosphorus	.11	.13
% Magnesium	.12	.14
% Potassium	.62	.71
% Sulfur	.19	.22
% Chloride Ion	.17	.19
% Lysine	.30	.34
% Methionine	.11	.13
Horse DE, Mcal/Lb	.76	.87

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.09	2.40
ME, 1X	0.89	1.97
NEL, 3X	0.49	1.09
NEM, 3X	0.51	1.12
NEG, 3X	0.25	0.56
TDN1X, %	54	

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Sample Description	Farm Code	Sample
DAMP STRAW	878	21227800
STRAW/ TURNIP		

Analysis Results

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	12/29/14	12/30/14		

PLOT 4
 JOHN OMEARA
 272 EAST RD
 NEW SWEDEN, ME 04762

Components	As Fed	DM
% Moisture	25.4	
% Dry Matter	74.6	
% Crude Protein	8.1	10.9
% Available Protein	7.3	9.8
% ADICP	.8	1.1
% Adjusted Crude Protein	8.1	10.9
Soluble Protein % CP		31
Degradable Protein%CP		66
% NDICP	3.1	4.2
% Acid Detergent Fiber	34.7	46.5
% Neutral Detergent Fiber	52.3	70.1
% Lignin	6.4	8.5
% NFC	6.2	8.3
% Starch	.9	1.2
% WSC (Water Sol. Carbs.)	.1	.2
% ESC (Simple Sugars)	2.1	2.8
% Crude Fat	2.0	2.7
% Ash	6.00	8.04
% TDN	38	51
NEL, Mcal/Lb	.29	.39
NEM, Mcal/Lb	.30	.40
NEG, Mcal/Lb	.12	.16
Relative Feed Value		70
% Calcium	.58	.78
% Phosphorus	.11	.15
% Magnesium	.14	.19
% Potassium	.64	.86
% Sulfur	.19	.25
% Chloride Ion	.14	.19
% Lysine	.26	.35
% Methionine	.10	.13
Horse DE, Mcal/Lb	.61	.82

ENERGY TABLE - NRC 2001

	Mcal/Lb	Mcal/Kg
DE, 1X	1.03	2.26
ME, 1X	0.83	1.83
NEL, 3X	0.45	1.00
NEM, 3X	0.46	1.01
NEG, 3X	0.21	0.46
TDN1X, %	51	

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