

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
MANURE, MISC., Dry		655	27673290

1 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO	Components	As Fed	DM
	06/18/21	06/25/21					
1 MANURE					% Moisture	11.0	
University of New Hampshire - Brito					% Dry Matter	89.0	
COLSABSC-Rudman Hall					% Crude Protein	17.0	19.0
46 College Road					% Adjusted Crude Protein	17.0	19.0
Durham, NH 03824					Soluble Protein % CP		13
					% ADF	24.5	27.5
					% aNDF	45.5	51.1
					% Lignin	7.3	8.2
					% NFC	7.4	8.3
					% Crude Fat, EE	3.94	4.42
					% Ash	15.23	17.10
					% Calcium	3.45	3.88
					% Phosphorus	.88	.99
					% Magnesium	.89	1.00
					% Potassium	.63	.71
					% Sodium	.218	.245
					PPM Iron	915	1,020
					PPM Zinc	457	513
					PPM Copper	68	77
					PPM Manganese	412	463
					PPM Molybdenum	6.7	7.5
					% Sulfur	.43	.49

*** THE LAB WILL BE CLOSED
FRIDAY, JULY 2, 2021 ***



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730 WARREN ROAD

ITHACA, NEW YORK 14850

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673300

12 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

Components	As Fed	DM
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2 MANURE

% Moisture	10.9
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University of New Hampshire - Brito

% Dry Matter	89.1	
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COLSABSC-Rudman Hall

% Crude Protein	17.6	19.8
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46 College Road

% Adjusted Crude Protein	17.6	19.8
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Durham, NH 03824

Soluble Protein % CP	15
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% ADF	22.8	25.6
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% aNDF	42.8	48.0
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% Lignin	7.7	8.6
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% NFC	5.8	6.5
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% Crude Fat, EE	4.65	5.22
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% Ash	18.19	20.42
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% Calcium	4.19	4.71
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% Phosphorus	.98	1.10
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% Magnesium	.99	1.11
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% Potassium	.60	.67
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% Sodium	.343	.385
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PPM Iron	11.120	11.260
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PPM Zinc	497	558
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PPM Copper	76	86
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PPM Manganese	426	479
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PPM Molybdenum	7.1	8.0
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% Sulfur	90	1.01
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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673310

3 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO	Components	As Fed	DM
	06/18/21	06/25/21					
3 MANURE					% Moisture	10.5	
University of New Hampshire - Brito					% Dry Matter	89.5	
COLSABSC-Rudman Hall					% Crude Protein	17.1	19.1
46 College Road					% Adjusted Crude Protein	17.1	19.1
Durham, NH 03824					Soluble Protein % CP		14
					% ADF	24.8	27.7
					% aNDF	44.7	50.0
					% Lignin	7.7	8.6
					% NFC	7.8	8.7
					% Crude Fat, EE	3.89	4.35
					% Ash	15.99	17.87
					% Calcium	3.06	3.42
					% Phosphorus	.89	.99
					% Magnesium	.92	1.03
					% Potassium	.62	.70
					% Sodium	.368	.411
					PPM Iron	979	1,090
					PPM Zinc	576	644
					PPM Copper	86	96
					PPM Manganese	488	545
					PPM Molybdenum	6.1	6.8
					% Sulfur	.91	1.01

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673320

4 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

4 MANURE
University of New Hampshire - Brito
COLSABSC-Rudman Hall
46 College Road
Durham, NH 03824

Components	As Fed	DM
% Moisture	10.8	
% Dry Matter	89.2	
% Crude Protein	17.4	19.5
% Adjusted Crude Protein	17.4	19.5
Soluble Protein % CP		15
% ADF	24.3	27.2
% aNDF	45.1	50.6
% Lignin	7.2	8.1
% NFC	7.4	8.3
% Crude Fat, EE	3.68	4.13
% Ash	15.62	17.51
% Calcium	3.70	4.15
% Phosphorus	.88	.99
% Magnesium	.93	1.04
% Potassium	.39	.44
% Sodium	.162	.182
PPM Iron	1,000	1,120
PPM Zinc	438	491
PPM Copper	58	65
PPM Manganese	411	461
PPM Molybdenum	6.4	7.2
% Sulfur	.57	.64

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673330

5 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

5 MANURE
University of New Hampshire - Brito
COLSABSC-Rudman Hall
46 College Road
Durham, NH 03824

Components	As Fed	DM
% Moisture	10.7	
% Dry Matter	89.3	
% Crude Protein	18.2	20.4
% Adjusted Crude Protein	18.2	20.4
Soluble Protein % CP		17
% ADF	21.5	24.1
% aNDF	39.8	44.5
% Lignin	7.3	8.1
% NFC	8.9	9.9
% Crude Fat, EE	5.04	5.65
% Ash	17.42	19.50
% Calcium	3.92	4.39
% Phosphorus	.97	1.09
% Magnesium	.97	1.09
% Potassium	.50	.56
% Sodium	.189	.212
PPM Iron	1,040	1,170
PPM Zinc	423	474
PPM Copper	61	68
PPM Manganese	401	449
PPM Molybdenum	6.8	7.7
% Sulfur	.81	.91

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673340

6 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO	Components	As Fed	DM
	06/18/21	06/25/21					
6 MANURE					% Moisture	10.4	
University of New Hampshire - Brito					% Dry Matter	89.6	
COLSABSC-Rudman Hall					% Crude Protein	16.1	17.9
46 College Road					% Adjusted Crude Protein	16.1	17.9
Durham, NH 03824					Soluble Protein % CP		17
					% ADF	25.0	27.9
					% aNDF	45.7	51.0
					% Lignin	7.3	8.1
					% NFC	7.2	8.0
					% Crude Fat, EE	5.12	5.71
					% Ash	15.54	17.34
					% Calcium	3.56	3.98
					% Phosphorus	.98	1.09
					% Magnesium	1.04	1.16
					% Potassium	.43	.48
					% Sodium	.106	.119
					PPM Iron	937	1,040
					PPM Zinc	404	451
					PPM Copper	70	78
					PPM Manganese	383	428
					PPM Molybdenum	6.1	6.8
					% Sulfur	.41	.46

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673350
7 MANURE			

Analysis Results			
Sampled	Recvd	Printed	ST CO
Components			
As Fed			
DM			
7 MANURE			
University of New Hampshire - Brito			
COLSABSC-Rudman Hall			
46 College Road			
Durham, NH 03824			
% Moisture		10.9	
% Dry Matter		89.1	
% Crude Protein		17.8	19.9
% Adjusted Crude Protein		17.8	19.9
Soluble Protein % CP			17
% ADF		23.1	26.0
% aNDF		42.5	47.7
% Lignin		8.0	9.0
% NFC		8.3	9.3
% Crude Fat, EE		4.48	5.03
% Ash		16.08	18.05
% Calcium		3.78	4.24
% Phosphorus		.93	1.04
% Magnesium		.97	1.09
% Potassium		.44	.50
% Sodium		.373	.419
PPM Iron		964	1,080
PPM Zinc		444	498
PPM Copper		74	83
PPM Manganese		414	465
PPM Molybdenum		6.2	6.9
% Sulfur		.41	.46

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673360

| 8 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

Components	As Fed	DM
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8 MANURE

% Moisture	11.0
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University of New Hampshire - Brito

% Dry Matter	89.0
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COLSABSC-Rudman Hall

% Crude Protein	16.7	18.8
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46 College Road

% Adjusted Crude Protein	16.7		18.8	
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Durham, NH 03824

Soluble Protein % CP	17
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% ADF	24.6	27.7	
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% aNDF	44.0	49.4	
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% Lignin	8.1	9.1
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% NFC		6.9		7.8	
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% Crude Fat, EE	3.75	4.21
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% Ash	17.59	19.77
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% Calcium	3.76	4.23
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% Phosphorus		.97		1.09	
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% Magnesium	1.05	1.18
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% Potassium	.65	.73
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% Sodium	.329	.370
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PPM Iron	1,070	1,200
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PPM Zinc	466	524
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PPM Copper	64	71
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PPM Manganese	446	502
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PPM Molybdenum	6.2	7.0
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% Sulfur	.84	.94
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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673370

9 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

9 MANURE
University of New Hampshire - Brito
COLSABSC-Rudman Hall
46 College Road
Durham, NH 03824

Components	As Fed	DM
% Moisture	10.8	
% Dry Matter	89.2	
% Crude Protein	16.8	18.8
% Adjusted Crude Protein	16.8	18.8
Soluble Protein % CP		24
% ADF	24.3	27.3
% aNDF	45.3	50.8
% Lignin	7.5	8.5
% NFC	6.8	7.7
% Crude Fat, EE	4.05	4.54
% Ash	16.20	18.17
% Calcium	3.36	3.77
% Phosphorus	.88	.99
% Magnesium	.94	1.06
% Potassium	.66	.74
% Sodium	.171	.192
PPM Iron	976	1,090
PPM Zinc	578	647
PPM Copper	87	98
PPM Manganese	441	494
PPM Molybdenum	6.7	7.5
% Sulfur	.83	.93

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673380

10 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO	Components	As Fed	DM
	06/18/21	06/25/21					
10 MANURE					% Moisture	11.0	
University of New Hampshire - Brito					% Dry Matter	89.0	
COLSABSC-Rudman Hall					% Crude Protein	16.1	18.1
46 College Road					% Adjusted Crude Protein	16.1	18.1
Durham, NH 03824					Soluble Protein % CP		23
					% ADF	25.6	28.8
					% aNDF	42.7	48.0
					% Lignin	7.7	8.6
					% NFC	7.2	8.1
					% Crude Fat, EE	3.60	4.05
					% Ash	19.40	21.79
					% Calcium	4.15	4.66
					% Phosphorus	.85	.95
					% Magnesium	.96	1.08
					% Potassium	.50	.56
					% Sodium	.233	.261
					PPM Iron	1,170	1,310
					PPM Zinc	412	462
					PPM Copper	68	77
					PPM Manganese	374	420
					PPM Molybdenum	6.5	7.3
					% Sulfur	.86	.96

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673390

11 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

11 MANURE
University of New Hampshire - Brito
COLSABSC-Rudman Hall
46 College Road
Durham, NH 03824

Components	As Fed	DM
% Moisture	10.4	
% Dry Matter	89.6	
% Crude Protein	16.8	18.7
% Adjusted Crude Protein	16.8	18.7
Soluble Protein % CP		22
% ADF	24.8	27.7
% aNDF	44.0	49.1
% Lignin	6.8	7.6
% NFC	9.7	10.8
% Crude Fat, EE	3.11	3.47
% Ash	16.07	17.93
% Calcium	3.53	3.94
% Phosphorus	.95	1.06
% Magnesium	1.02	1.14
% Potassium	.52	.58
% Sodium	.142	.159
PPM Iron	928	1,030
PPM Zinc	564	630
PPM Copper	80	90
PPM Manganese	456	509
PPM Molybdenum	6.9	7.7
% Sulfur	.70	.79

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673400

12 MANURE
Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

12 MANURE
University of New Hampshire - Brito
COLSABSC-Rudman Hall
46 College Road
Durham, NH 03824

Components	As Fed	DM
% Moisture	10.6	
% Dry Matter	89.5	
% Crude Protein	16.3	18.2
% Adjusted Crude Protein	16.3	18.2
Soluble Protein % CP		16
% ADF	24.3	27.2
% aNDF	43.3	48.5
% Lignin	7.9	8.9
% NFC	12.2	13.6
% Crude Fat, EE	2.68	3.00
% Ash	14.93	16.69
% Calcium	2.97	3.33
% Phosphorus	.76	.85
% Magnesium	.98	1.09
% Potassium	.71	.80
% Sodium	.296	.331
PPM Iron	866	968
PPM Zinc	552	617
PPM Copper	80	89
PPM Manganese	457	511
PPM Molybdenum	6.6	7.4
% Sulfur	.94	1.05

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Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673410
13 MANURE			

				Analysis Results		
Sampled	Recvd	Printed	ST CO	Components	As Fed	DM
	06/18/21	06/25/21				
13 MANURE				% Moisture	10.5	
University of New Hampshire - Brito				% Dry Matter	89.5	
COLSABSC-Rudman Hall				% Crude Protein	17.2	19.2
46 College Road				% Adjusted Crude Protein	17.2	19.2
Durham, NH 03824				Soluble Protein % CP		19
				% ADF	23.0	25.7
				% aNDF	41.9	46.8
				% Lignin	7.9	8.9
				% NFC	8.8	9.8
				% Crude Fat, EE	3.29	3.68
				% Ash	18.42	20.57
				% Calcium	4.41	4.93
				% Phosphorus	.90	1.00
				% Magnesium	1.08	1.20
				% Potassium	.39	.44
				% Sodium	.425	.474
				PPM Iron	874	976
				PPM Zinc	468	523
				PPM Copper	87	97
				PPM Manganese	424	473
				PPM Molybdenum	6.7	7.5
				% Sulfur	.47	.52

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ITHACA, NEW YORK 14850

607-257-1272 (fax 607-257-1350)

Sample Description	Farm	Code	Sample
MANURE, MISC., Dry		655	27673430

| 15 MANURE

Analysis Results

Sampled	Recvd	Printed	ST	CO
	06/18/21	06/25/21		

Components	As Fed	DM
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15 MANURE

% Moisture	11.7
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University of New Hampshire - Brito

% Dry Matter	88.3	
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COLSABSC-Rudman Hall

% Crude Protein	16.8	19.0
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46 College Road

% Adjusted Crude Protein	16.8		19.0	
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Durham, NH 03824

Soluble Protein % CP	21
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% ADF	24.3	27.6
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% aNDF	46.5	52.6
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% Lignin	7.7	8.7
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% NFC	5.5	6.2
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% Crude Fat, EE	3.54	4.01
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% Ash	16.05	18.17
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% Calcium	3.33	3.77
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% Phosphorus	.78	.88
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% Magnesium	.94	1.07
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% Potassium	.64	.72
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% Sodium	.447	.506
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PPM Iron	922	11.040
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PPM Zinc	421	477
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PPM Copper	62	70
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PPM Manganese	327	370
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PPM Molybdenum	6.4	7.3
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% Sulfur	57	65
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