

FORAGE LABORATORY

730 Warren Road, Ithaca, NY 14850
 Ph: 800.496.3344 Fax: 607.257.1350
<http://www.dairyone.com>

DESCRIPTION 1

GROWER *Purina Noble Goal Grower 16%*

ANALYSIS RESULTS

DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	03/19/18	03/20/18	.897
ADDITIONAL DESCRIPTIONS			

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.55	3.43
ME, 1X	1.37	3.02
NEL, 3X	0.81	1.79
NEM, 3X	0.85	1.87
NEG, 3X	0.56	1.24
TDN1X, %	76	

COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	10.3	
% Dry Matter	89.7	
% Crude Protein	15.8	17.6
% Adjusted Crude Protein	15.8	17.6
Soluble Protein % CP		30
% ADF	18.1	20.2
% aNDF	34.7	38.7
% TDN	67	75
NEL, Mcal/Lb	.72	.80
NEM, Mcal/Lb	.73	.81
NEG, Mcal/Lb	.47	.53
% Calcium	1.38	1.54
% Phosphorus	.60	.66
% Magnesium	.26	.29
% Potassium	1.12	1.25
% Sodium	.434	.484
PPM Iron	526	587
PPM Zinc	100	111
PPM Copper	23	26
PPM Manganese	98	110
PPM Molybdenum	1.3	1.5
% Sulfur	.26	.29
Horse DE, Mcal/Lb	1.17	1.31

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Purina

DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	03/19/18	03/20/18	.873

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.68	3.71
ME, 1X	1.50	3.31
NEL, 3X	0.90	1.98
NEM, 3X	0.94	2.07
NEG, 3X	0.64	1.41
TDN1X, %	83	

KIND DESCRIPTION	CODE	LAB SAMPLE
GRAIN MIX, DRY	646	24636930
DESCRIPTION 1		
GOAT CHOW		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	12.7	
% Dry Matter	87.3	
% Crude Protein	15.7	17.9
% Adjusted Crude Protein	15.7	17.9
Soluble Protein % CP		21
% ADF	6.7	7.7
% aNDF	13.0	14.9
% TDN	72	82
NEL, Mcal/Lb	.77	.88
NEM, Mcal/Lb	.81	.93
NEG, Mcal/Lb	.55	.63
% Calcium	.84	.96
% Phosphorus	.61	.70
% Magnesium	.20	.23
% Potassium	1.02	1.17
% Sodium	.535	.612
PPM Iron	182	208
PPM Zinc	111	127
PPM Copper	33	38
PPM Manganese	58	66
PPM Molybdenum	1.7	1.9
% Sulfur	.29	.33
Horse DE, Mcal/Lb	1.40	1.60



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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	02/19/18	03/22/18	.866

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.52	3.35
ME, 1X	1.33	2.93
NEL, 3X	0.78	1.72
NEM, 3X	0.82	1.82
NEG, 3X	0.54	1.19
TDN1X, %	74	

KIND DESCRIPTION	CODE	LAB SAMPLE
GRAIN MIX, DRY	646	24636970
DESCRIPTION 1		
CRESCENT COARSE DAIRY 16%		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	13.4	
% Dry Matter	86.6	
% Crude Protein	14.9	17.2
% Adjusted Crude Protein	14.9	17.2
Soluble Protein % CP		14
% ADF	8.5	9.8
% aNDF	16.9	19.6
% Lignin	2.5	2.8
% NFC	42.7	49.3
% Crude Fat	3.1	3.6
% Ash	8.93	10.31
% TDN	64	74
NEL, Mcal/Lb	.67	.78
NEM, Mcal/Lb	.69	.80
NEG, Mcal/Lb	.45	.52
% Calcium	1.08	1.24
% Phosphorus	.73	.85
% Magnesium	.52	.60
% Potassium	1.05	1.21
% Sodium	.415	.480
PPM Iron	1,310	1,520
PPM Zinc	135	156
PPM Copper	11	13
PPM Manganese	110	127
PPM Molybdenum	1.3	1.5
% Sulfur	.25	.29
Horse DE, Mcal/Lb	1.22	1.41

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*Parsons
Mobile
Goat*

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	03/19/18	03/22/18	.897

IONS

ENERGY TABLE - NRC 2001		
	Mcal/Lb	Mcal/Kg
DE, 1X	1.58	3.48
ME, 1X	1.39	3.07
NEL, 3X	0.82	1.82
NEM, 3X	0.86	1.91
NEG, 3X	0.57	1.27
TDN1X, %	77	

KIND DESCRIPTION	CODE	LAB SAMPLE
GRAIN MIX, DRY	646	24636980
DESCRIPTION 1		
DAIRY PARLOR 16%		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	10.3	
% Dry Matter	89.7	
% Crude Protein	16.4	18.2
% Adjusted Crude Protein	16.4	18.2
Soluble Protein % CP		22
% ADF	7.9	8.8
% aNDF	21.4	23.9
% Lignin	2.2	2.4
% NFC	40.7	45.3
% Crude Fat	4.0	4.5
% Ash	7.20	8.02
% TDN	68	76
NEL, Mcal/Lb	.73	.81
NEM, Mcal/Lb	.76	.84
NEG, Mcal/Lb	.50	.56
% Calcium	1.14	1.27
% Phosphorus	.73	.81
% Magnesium	.27	.30
% Potassium	1.15	1.28
% Sodium	.465	.518
PPM Iron	115	128
PPM Zinc	106	118
PPM Copper	23	26
PPM Manganese	84	93
PPM Molybdenum	2.7	3.0
% Sulfur	.25	.28
Horse DE, Mcal/Lb	1.27	1.42



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	03/19/18	03/20/18	.935

ADDITIONAL DESCRIPTIONS
 ALFALFA MIX-PELLETS BEET PULP BLACK SEEDS

	C 2001	
	Mcal/Lb	Mcal/Kg
DE, 1X	1.53	3.37
ME, 1X	1.34	2.96
NEL, 3X	0.79	1.75
NEM, 3X	0.83	1.83
NEG, 3X	0.54	1.20
TDN1X, %	75	

KIND DESCRIPTION	CODE	LAB SAMPLE
GRAIN MIX, DRY	646	24636950
DESCRIPTION 1		
ALFALFA MIX-PELLETS BEET PULP BLACK SEEDS		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	6.5	
% Dry Matter	93.5	
% Crude Protein	15.5	16.6
% Adjusted Crude Protein	15.5	16.6
Soluble Protein % CP		32
% ADF	32.9	35.2
% aNDF	39.9	42.7
% TDN	69	74
NEL, Mcal/Lb	.74	.79
NEM, Mcal/Lb	.74	.79
NEG, Mcal/Lb	.48	.51
% Calcium	1.22	1.30
% Phosphorus	.25	.27
% Magnesium	.28	.30
% Potassium	1.66	1.77
% Sodium	.023	.025
PPM Iron	235	251
PPM Zinc	22	23
PPM Copper	10	11
PPM Manganese	40	43
PPM Molybdenum	1.6	1.7
% Sulfur	.26	.28
Horse DE, Mcal/Lb	1.15	1.23