



Report # 560117

Feed Analytical Report

Page 1 of 3

Email

Kevin DHondt
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Fax:

Email: nqfarms@parolink.net

Date Received: Mar-10-2020

Date Reported: Mar-12-2020

Laboratory Number: 14232101

Sample ID: 1 - 1st Cut Timothy/Alfalfa

Feed Type: hay for horses

Test Type: Equine Complete

Test	Dry Basis	As Is	Test	Dry Basis	As Is
Dry Matter %		89.10	MINERALS		
Moisture %		10.90	Ash %	6.75	6.01
PROTEIN			Calcium (%)	0.64	0.57
Protein % (N x 6.25)	12.97	11.56	Phosphorus (%)	0.17	0.15
Soluble Protein (%)	3.57	3.18	Potassium (%)	1.75	1.56
SP % of CP	27.53		Magnesium (%)	0.16	0.15
ADF-CP % (ADP)	1.73	1.54	Sodium %	0.03	0.03
ADP as % of CP	13.34		Copper (ppm)	6.77	6.03
NDF-CP% (NDP)	5.66	5.04	Iron (ppm)	98.72	87.96
NDP as % of CP	43.64		Manganese (ppm)	23.77	21.18
FIBRES			Zinc(ppm)	18.80	16.76
Acid Detergent Fibre (%)	37.74	33.63	Ca:P Ratio	3.74	
aNeutral Detergent Fibre (%)	57.76	51.46	Zn:Cu Ratio	2.78	
Lignin %	7.38	6.58	ENERGY (ADF Based)		
NON-FIBRES			TDN (%)	47.50	42.33
Fat (%)	1.77	1.58	Digestible Energy (MCal/Kg)	2.09	1.87
Ethanol Soluble CHO (%)	6.81	6.07	OTHER		
Water Soluble CHO (%)	9.76	8.70	Relative Feed Value	95.83	
Non-Structural Carbohydrates	12.03				
Starch (%)	2.27	2.02			

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Fax:

Date Received: Mar-10-2020

Email: nqfarms@parolink.net

Date Reported: Mar-12-2020

Laboratory Number: 14232102

Feed Type: hay for horses

Sample ID: 2 - 1st Cut Orchard/Timothy/Alfalfa

Test Type: Equine Complete

Test	Dry Basis	As Is	Test	Dry Basis	As Is
Dry Matter %		89.65	MINERALS		
Moisture %		10.35	Ash %	7.62	6.83
PROTEIN			Calcium (%)	0.65	0.58
Protein % (N x 6.25)	12.91	11.57	Phosphorus (%)	0.21	0.19
Soluble Protein (%)	3.38	3.03	Potassium (%)	1.84	1.65
SP % of CP	26.18		Magnesium (%)	0.22	0.20
ADF-CP % (ADP)	1.72	1.54	Sodium %	0.09	0.08
ADP as % of CP	13.32		Copper (ppm)	6.13	5.50
NDF-CP% (NDP)	6.60	5.92	Iron (ppm)	109.59	98.24
NDP as % of CP	51.12		Manganese (ppm)	94.33	84.56
FIBRES			Zinc(ppm)	16.30	14.61
Acid Detergent Fibre (%)	37.97	34.04	Ca:P Ratio	3.04	
aNeutral Detergent Fibre (%)	60.98	54.67	Zn:Cu Ratio	2.66	
Lignin %	5.81	5.21	ENERGY (ADF Based)		
NON-FIBRES			TDN (%)	47.33	42.43
Fat (%)	2.05	1.84	Digestible Energy (MCal/Kg)	2.09	1.87
Ethanol Soluble CHO (%)	5.89	5.28	OTHER		
Water Soluble CHO (%)	7.93	7.11	Relative Feed Value	90.49	
Non-Structural Carbohydrates	10.31				
Starch (%)	2.38	2.13			

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Fax:
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Date Received: Mar-10-2020
Date Reported: Mar-12-2020

Laboratory Number: 14232103

Sample ID: 3 - 2nd Cut Timothy/Alfalfa

Feed Type: hay for horses

Test Type: Equine Complete

Test	Dry Basis	As Is	Test	Dry Basis	As Is
Dry Matter %		83.60	MINERALS		
Moisture %		16.40	Ash %	8.26	6.91
PROTEIN			Calcium (%)	1.43	1.20
Protein % (N x 6.25)	14.68	12.27	Phosphorus (%)	0.18	0.15
Soluble Protein (%)	4.43	3.70	Potassium (%)	1.50	1.25
SP % of CP	30.18		Magnesium (%)	0.28	0.24
ADF-CP % (ADP)	1.76	1.47	Sodium %	0.06	0.05
ADP as % of CP	11.99		Copper (ppm)	7.51	6.28
NDF-CP% (NDP)	5.47	4.57	Iron (ppm)	629.38	526.16
NDP as % of CP	37.26		Manganese (ppm)	43.20	36.11
FIBRES			Zinc(ppm)	22.64	18.92
Acid Detergent Fibre (%)	30.72	25.68	Ca:P Ratio	8.05	
aNeutral Detergent Fibre (%)	45.12	37.72	Zn:Cu Ratio	3.01	
Lignin %	7.77	6.50	ENERGY (ADF Based)		
NON-FIBRES			TDN (%)	54.10	45.23
Fat (%)	1.83	1.53	Digestible Energy (MCal/Kg)	2.39	1.99
Ethanol Soluble CHO (%)	8.74	7.31	OTHER		
Water Soluble CHO (%)	12.50	10.45	Relative Feed Value	133.95	
Non-Structural Carbohydrates	15.27				
Starch (%)	2.77	2.32			

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