



To: Riverview Hay
7207 G24 Hwy
Indianola, IA 50125

Account No.: 16169 (0)
Sampled By: Riverview Hay
Sampled For: RIVERVIEW HAY

Product: Trausch sample 6

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	11.16%		
Dry Matter	88.84%		
Crude Protein	%DM	13.16	4.95 - 16.5
AD-ICP	%CP	4.56	5.83 - 23.4
ND-ICP w/SS	%CP	14.51	
Protein Sol.	%CP	33.05	8.61 - 48.9
ADF	%DM	35.36	31.8 - 50.2
aNDF	%DM	56.13	48.2 - 72.7
aNDFom	%DM	54.04	43.0 - 68.9
Lignin	%NDFom	7.55	
Lignin (Sulfuric Acid)	%DM	4.08	3.94 - 9.40
NDFD 30	%NDFom	55.51	36.2 - 65.5
NDFD240	%NDFom	70.43	52.4 - 80.6
uNDFom30	%DM	24.04	14.7 - 40.9
uNDFom240	%DM	15.98	10.3 - 30.4
Sugar (ESC)	%DM	9.91	2.16 - 10.4
Sugar (WSC)	%DM	11.26	3.29 - 12.9
Starch	%DM	4.39	0.25 - 7.32
Fat (EE)	%DM	2.74	1.58 - 3.71
TFA (fat)	%DM	1.28	0.49 - 2.17
Ash	%DM	8.68	6.12 - 13.0
Calcium	%DM	0.57	0.25 - 1.15
Phosphorus	%DM	0.30	0.11 - 0.35
Magnesium	%DM	0.23	0.12 - 0.33
Potassium	%DM	2.60	0.69 - 3.03
Sulfur	%DM	0.22	0.07 - 0.25
Chloride	%DM	0.90	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	61.35	60.97	58.15
Nel 3x	Mcal/cwt	62.94	62.44	63.35
Neg	Mcal/cwt	29.36	36.07	32.30
Nem	Mcal/cwt	55.00	62.35	58.21
Milk per ton	lbs/ton			2844

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	23.75
NSC	%DM	15.65
RFV		101.77
RFQ		141.57
NDF kd rate MIR_P1	%/hr	5.26
Adjusted Crude Protein	%DM	13.16



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Product: Trausch sample 5

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	10.67%		
Dry Matter	89.33%		
Crude Protein	%DM	13.80	4.95 - 16.5
AD-ICP	%CP	4.64	5.83 - 23.4
ND-ICP w/SS	%CP	11.96	
Protein Sol.	%CP	32.17	8.61 - 48.9
ADF	%DM	34.80	31.8 - 50.2
aNDF	%DM	53.72	48.2 - 72.7
aNDFom	%DM	52.21	43.0 - 68.9
Lignin	%NDFom	7.22	
Lignin (Sulfuric Acid)	%DM	3.77	3.94 - 9.40
NDFD 30	%NDFom	61.54	36.2 - 65.5
NDFD240	%NDFom	73.82	52.4 - 80.6
uNDFom30	%DM	20.08	14.7 - 40.9
uNDFom240	%DM	13.67	10.3 - 30.4
Sugar (ESC)	%DM	10.53	2.16 - 10.4
Sugar (WSC)	%DM	11.88	3.29 - 12.9
Starch	%DM	4.48	0.25 - 7.32
Fat (EE)	%DM	2.95	1.58 - 3.71
TFA (fat)	%DM	1.29	0.49 - 2.17
Ash	%DM	8.15	6.12 - 13.0
Calcium	%DM	0.61	0.25 - 1.15
Phosphorus	%DM	0.29	0.11 - 0.35
Magnesium	%DM	0.24	0.12 - 0.33
Potassium	%DM	2.21	0.69 - 3.03
Sulfur	%DM	0.24	0.07 - 0.25
Chloride	%DM	0.86	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	61.79	62.44	62.21
Nel 3x	Mcal/cwt	63.43	64.08	66.09
Neg	Mcal/cwt	30.55	38.20	37.81
Nem	Mcal/cwt	56.29	64.71	64.28
Milk per ton	lbs/ton			3073

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	25.20
NSC	%DM	16.36
RFV		106.82
RFQ		155.68
NDF kd rate MIR_P1	%/hr	6.08
Adjusted Crude Protein	%DM	13.80



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Product: 1st year 1st cut Trausch

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	16.43%		
Dry Matter	83.57%		
Crude Protein	%DM	13.21	4.95 - 16.5
AD-ICP	%CP	4.02	5.83 - 23.4
ND-ICP w/SS	%CP	14.08	
Protein Sol.	%CP	33.61	8.61 - 48.9
ADF	%DM	34.37	31.8 - 50.2
aNDF	%DM	54.13	48.2 - 72.7
aNDFom	%DM	52.12	43.0 - 68.9
Lignin	%NDFom	6.91	
Lignin (Sulfuric Acid)	%DM	3.60	3.94 - 9.40
NDFD 30	%NDFom	59.00	36.2 - 65.5
NDFD240	%NDFom	73.71	52.4 - 80.6
uNDFom30	%DM	21.37	14.7 - 40.9
uNDFom240	%DM	13.70	10.3 - 30.4
Sugar (ESC)	%DM	10.07	2.16 - 10.4
Sugar (WSC)	%DM	11.16	3.29 - 12.9
Starch	%DM	3.65	0.25 - 7.32
Fat (EE)	%DM	3.06	1.58 - 3.71
TFA (fat)	%DM	1.35	0.49 - 2.17
Ash	%DM	8.87	6.12 - 13.0
Calcium	%DM	0.55	0.25 - 1.15
Phosphorus	%DM	0.31	0.11 - 0.35
Magnesium	%DM	0.23	0.12 - 0.33
Potassium	%DM	2.75	0.69 - 3.03
Sulfur	%DM	0.23	0.07 - 0.25
Chloride	%DM	0.95	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	62.13	62.30	60.54
Nel 3x	Mcal/cwt	63.81	63.93	64.92
Neg	Mcal/cwt	30.19	37.82	35.44
Nem	Mcal/cwt	55.90	64.30	61.66
Milk per ton	lbs/ton			2976

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	25.31
NSC	%DM	14.81
RFV		106.92
RFQ		151.15
NDF kd rate MIR_P1	%/hr	5.46
Adjusted Crude Protein	%DM	13.21



To: Riverview Hay
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Account No.: 16169 (0)
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Sampled For: RIVERVIEW HAY

Product: home sample 3

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	12.86%		
Dry Matter	87.14%		
Crude Protein	%DM	18.34	4.95 - 16.5
AD-ICP	%CP	3.82	5.83 - 23.4
ND-ICP w/SS	%CP	10.58	
Protein Sol.	%CP	38.82	8.61 - 48.9
ADF	%DM	32.86	31.8 - 50.2
aNDF	%DM	48.11	48.2 - 72.7
aNDFom	%DM	46.52	43.0 - 68.9
Lignin	%NDFom	8.68	
Lignin (Sulfuric Acid)	%DM	4.04	3.94 - 9.40
NDFD 30	%NDFom	59.69	36.2 - 65.5
NDFD240	%NDFom	70.34	52.4 - 80.6
uNDFom30	%DM	18.75	14.7 - 40.9
uNDFom240	%DM	13.80	10.3 - 30.4
Sugar (ESC)	%DM	9.82	2.16 - 10.4
Sugar (WSC)	%DM	11.19	3.29 - 12.9
Starch	%DM	3.42	0.25 - 7.32
Fat (EE)	%DM	2.99	1.58 - 3.71
TFA (fat)	%DM	1.43	0.49 - 2.17
Ash	%DM	9.22	6.12 - 13.0
Calcium	%DM	0.83	0.25 - 1.15
Phosphorus	%DM	0.34	0.11 - 0.35
Magnesium	%DM	0.27	0.12 - 0.33
Potassium	%DM	2.98	0.69 - 3.03
Sulfur	%DM	0.28	0.07 - 0.25
Chloride	%DM	0.99	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	63.30	62.83	62.78
Nel 3x	Mcal/cwt	65.12	64.52	67.37
Neg	Mcal/cwt	34.34	40.58	40.32
Nem	Mcal/cwt	60.45	67.36	67.07
Milk per ton	lbs/ton			3140

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	25.43
NSC	%DM	14.61
RFV		122.18
RFQ		154.43
NDF kd rate MIR_P1	%/hr	6.40
Adjusted Crude Protein	%DM	18.34



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Product: home sample 2

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	14.66%		
Dry Matter	85.34%		
Crude Protein	%DM	15.88	4.95 - 16.5
AD-ICP	%CP	3.72	5.83 - 23.4
ND-ICP w/SS	%CP	12.85	
Protein Sol.	%CP	35.71	8.61 - 48.9
ADF	%DM	33.40	31.8 - 50.2
aNDF	%DM	52.88	48.2 - 72.7
aNDFom	%DM	51.12	43.0 - 68.9
Lignin	%NDFom	6.98	
Lignin (Sulfuric Acid)	%DM	3.57	3.94 - 9.40
NDFD 30	%NDFom	57.81	36.2 - 65.5
NDFD240	%NDFom	71.93	52.4 - 80.6
uNDFom30	%DM	21.57	14.7 - 40.9
uNDFom240	%DM	14.35	10.3 - 30.4
Sugar (ESC)	%DM	9.79	2.16 - 10.4
Sugar (WSC)	%DM	11.05	3.29 - 12.9
Starch	%DM	4.01	0.25 - 7.32
Fat (EE)	%DM	2.93	1.58 - 3.71
TFA (fat)	%DM	1.37	0.49 - 2.17
Ash	%DM	9.37	6.12 - 13.0
Calcium	%DM	0.66	0.25 - 1.15
Phosphorus	%DM	0.32	0.11 - 0.35
Magnesium	%DM	0.25	0.12 - 0.33
Potassium	%DM	2.79	0.69 - 3.03
Sulfur	%DM	0.26	0.07 - 0.25
Chloride	%DM	1.02	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	62.88	62.20	59.91
Nel 3x	Mcal/cwt	64.65	63.81	64.51
Neg	Mcal/cwt	31.59	38.80	35.70
Nem	Mcal/cwt	57.43	65.37	61.95
Milk per ton	lbs/ton			2939

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	23.30
NSC	%DM	15.06
RFV		110.65
RFQ		143.80
NDF kd rate MIR_P1	%/hr	5.52
Adjusted Crude Protein	%DM	15.88



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Product: 1st year 1st cut home

Test Mode: N8
Feed Type: Hay - Grass
Sub Type: Mixed

		Dry Basis	90% Range*
Moisture	17.01%		
Dry Matter	82.99%		
Crude Protein	%DM	15.04	4.95 - 16.5
AD-ICP	%CP	4.13	5.83 - 23.4
ND-ICP w/SS	%CP	12.23	
Protein Sol.	%CP	36.70	8.61 - 48.9
ADF	%DM	34.50	31.8 - 50.2
aNDF	%DM	53.97	48.2 - 72.7
aNDFom	%DM	52.53	43.0 - 68.9
Lignin	%NDFom	6.72	
Lignin (Sulfuric Acid)	%DM	3.53	3.94 - 9.40
NDFD 30	%NDFom	64.74	36.2 - 65.5
NDFD240	%NDFom	75.99	52.4 - 80.6
uNDFom30	%DM	18.52	14.7 - 40.9
uNDFom240	%DM	12.61	10.3 - 30.4
Sugar (ESC)	%DM	10.84	2.16 - 10.4
Sugar (WSC)	%DM	12.27	3.29 - 12.9
Starch	%DM	4.24	0.25 - 7.32
Fat (EE)	%DM	2.90	1.58 - 3.71
TFA (fat)	%DM	1.27	0.49 - 2.17
Ash	%DM	8.60	6.12 - 13.0
Calcium	%DM	0.60	0.25 - 1.15
Phosphorus	%DM	0.33	0.11 - 0.35
Magnesium	%DM	0.24	0.12 - 0.33
Potassium	%DM	2.37	0.69 - 3.03
Sulfur	%DM	0.23	0.07 - 0.25
Chloride	%DM	0.98	0.07 - 0.89

		ADF	OARDC	MLK 2013
TDN	%DM	62.02	62.40	63.13
Nel 3x	Mcal/cwt	63.69	64.04	65.94
Neg	Mcal/cwt	30.86	38.68	39.47
Nem	Mcal/cwt	56.64	65.24	66.12
Milk per ton	lbs/ton			3090

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	23.40
NSC	%DM	16.51
RFV		106.73
RFQ		156.16
NDF kd rate MIR_P1	%/hr	6.48
Adjusted Crude Protein	%DM	15.04