



To: Riverview Hay
7207 G24 Hwy
Indianola, IA 50125

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

Product: 202401015

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

		Dry Basis	90% Range*
Moisture	21.52%		
Dry Matter	78.48%		
Crude Protein	%DM	18.02	15.4 - 24.0
AD-ICP	%CP	7.11	5.24 - 11.5
ND-ICP w/SS	%CP	16.09	
Protein Sol.	%CP	43.34	27.5 - 47.1
ADF	%DM	37.76	25.5 - 41.8
aNDF	%DM	47.66	31.9 - 51.8
aNDFom	%DM	45.90	29.3 - 48.5
Lignin	%NDFom	16.62	
Lignin (Sulfuric Acid)	%DM	7.63	5.84 - 9.64
NDFD 30	%NDFom	45.56	31.3 - 48.1
NDFD240	%NDFom	51.07	41.5 - 61.9
uNDFom30	%DM	24.99	16.5 - 29.5
uNDFom240	%DM	22.46	13.0 - 27.8
Sugar (ESC)	%DM	4.57	2.71 - 9.16
Sugar (WSC)	%DM	6.06	3.32 - 10.2
Starch	%DM	1.20	0.28 - 3.74
Fat (EE)	%DM	2.05	1.77 - 3.35
TFA (fat)	%DM	1.08	0.81 - 2.33
Ash	%DM	10.80	9.15 - 13.8
Calcium	%DM	1.19	1.19 - 1.84
Phosphorus	%DM	0.32	0.23 - 0.39
Magnesium	%DM	0.30	0.25 - 0.41
Potassium	%DM	3.00	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.69	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		59.48	55.63	57.19
Nel 3x	Mcal/cwt	60.86	56.50	57.67
Neg	Mcal/cwt	31.79	30.85	33.00
Nem	Mcal/cwt	57.65	56.63	58.98
Milk per ton	lbs/ton			2496

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	26.10
NSC	%DM	7.26
RFV		116.19
RFQ		115.93
NDF kd rate MIR_P1	%/hr	7.55
Adjusted Crude Protein	%DM	18.02



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Product: 202401012

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	27.51%		
Dry Matter	72.49%		
		Dry Basis	90% Range*
Crude Protein	%DM	17.61	15.4 - 24.0
AD-ICP	%CP	7.22	5.24 - 11.5
ND-ICP w/SS	%CP	16.41	
Protein Sol.	%CP	41.79	27.5 - 47.1
ADF	%DM	39.95	25.5 - 41.8
aNDF	%DM	49.13	31.9 - 51.8
aNDFom	%DM	46.08	29.3 - 48.5
Lignin	%NDFom	17.23	
Lignin (Sulfuric Acid)	%DM	7.94	5.84 - 9.64
NDFD 30	%NDFom	43.38	31.3 - 48.1
NDFD240	%NDFom	48.85	41.5 - 61.9
uNDFom30	%DM	26.09	16.5 - 29.5
uNDFom240	%DM	23.57	13.0 - 27.8
Sugar (ESC)	%DM	4.61	2.71 - 9.16
Sugar (WSC)	%DM	6.11	3.32 - 10.2
Starch	%DM	1.22	0.28 - 3.74
Fat (EE)	%DM	2.26	1.77 - 3.35
TFA (fat)	%DM	1.00	0.81 - 2.33
Ash	%DM	12.33	9.15 - 13.8
Calcium	%DM	1.18	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.29	0.25 - 0.41
Potassium	%DM	3.06	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.81	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		57.78	53.59	54.58
Nel 3x	Mcal/cwt	58.97	54.23	55.02
Neg	Mcal/cwt	31.02	27.94	29.37
Nem	Mcal/cwt	56.81	53.45	55.01
Milk per ton	lbs/ton			2306

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	24.87
NSC	%DM	7.33
RFV		109.29
RFQ		102.98
NDF kd rate MIR_P1	%/hr	7.42
Adjusted Crude Protein	%DM	17.61



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Product: 202401008

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	24.80%		
Dry Matter	75.20%		
		Dry Basis	90% Range*
Crude Protein	%DM	18.15	15.4 - 24.0
AD-ICP	%CP	7.55	5.24 - 11.5
ND-ICP w/SS	%CP	18.02	
Protein Sol.	%CP	38.73	27.5 - 47.1
ADF	%DM	37.85	25.5 - 41.8
aNDF	%DM	47.53	31.9 - 51.8
aNDFom	%DM	45.74	29.3 - 48.5
Lignin	%NDFom	17.40	
Lignin (Sulfuric Acid)	%DM	7.96	5.84 - 9.64
NDFD 30	%NDFom	43.57	31.3 - 48.1
NDFD240	%NDFom	48.97	41.5 - 61.9
uNDFom30	%DM	25.81	16.5 - 29.5
uNDFom240	%DM	23.34	13.0 - 27.8
Sugar (ESC)	%DM	4.38	2.71 - 9.16
Sugar (WSC)	%DM	5.80	3.32 - 10.2
Starch	%DM	1.46	0.28 - 3.74
Fat (EE)	%DM	1.83	1.77 - 3.35
TFA (fat)	%DM	0.96	0.81 - 2.33
Ash	%DM	10.76	9.15 - 13.8
Calcium	%DM	1.20	1.19 - 1.84
Phosphorus	%DM	0.33	0.23 - 0.39
Magnesium	%DM	0.30	0.25 - 0.41
Potassium	%DM	3.14	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.68	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		59.41	55.21	56.52
Nel 3x	Mcal/cwt	60.78	56.03	57.54
Neg	Mcal/cwt	31.89	30.29	32.16
Nem	Mcal/cwt	57.76	56.01	58.06
Milk per ton	lbs/ton			2470

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	26.66
NSC	%DM	7.26
RFV		116.06
RFQ		112.16
NDF kd rate MIR_P1	%/hr	7.47
Adjusted Crude Protein	%DM	18.15



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Product: 202401007

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

		Dry Basis	90% Range*
Moisture	27.08%		
Dry Matter	72.92%		
Crude Protein	%DM	17.62	15.4 - 24.0
AD-ICP	%CP	8.12	5.24 - 11.5
ND-ICP w/SS	%CP	17.99	
Protein Sol.	%CP	38.31	27.5 - 47.1
ADF	%DM	39.10	25.5 - 41.8
aNDF	%DM	48.51	31.9 - 51.8
aNDFom	%DM	46.63	29.3 - 48.5
Lignin	%NDFom	17.46	
Lignin (Sulfuric Acid)	%DM	8.14	5.84 - 9.64
NDFD 30	%NDFom	41.60	31.3 - 48.1
NDFD240	%NDFom	47.05	41.5 - 61.9
uNDFom30	%DM	27.23	16.5 - 29.5
uNDFom240	%DM	24.69	13.0 - 27.8
Sugar (ESC)	%DM	5.15	2.71 - 9.16
Sugar (WSC)	%DM	5.86	3.32 - 10.2
Starch	%DM	1.36	0.28 - 3.74
Fat (EE)	%DM	1.94	1.77 - 3.35
TFA (fat)	%DM	0.96	0.81 - 2.33
Ash	%DM	10.82	9.15 - 13.8
Calcium	%DM	1.17	1.19 - 1.84
Phosphorus	%DM	0.35	0.23 - 0.39
Magnesium	%DM	0.28	0.25 - 0.41
Potassium	%DM	3.31	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.79	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		58.44	54.52	55.09
Nel 3x	Mcal/cwt	59.70	55.26	56.42
Neg	Mcal/cwt	31.29	29.10	30.06
Nem	Mcal/cwt	57.11	54.72	55.75
Milk per ton	lbs/ton			2379

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	26.14
NSC	%DM	7.22
RFV		111.90
RFQ		104.28
NDF kd rate MIR_P1	%/hr	7.31
Adjusted Crude Protein	%DM	17.62



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

Product: 202401010

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

		Dry Basis	90% Range*
Moisture	20.40%		
Dry Matter	79.60%		
Crude Protein	%DM	17.40	13.7 - 23.9
AD-ICP	%CP	7.88	5.24 - 11.5
ND-ICP w/SS	%CP	16.61	
Protein Sol.	%CP	39.02	26.1 - 46.1
ADF	%DM	38.28	25.8 - 41.6
aNDF	%DM	48.56	32.3 - 55.6
aNDFom	%DM	47.06	29.9 - 53.5
Lignin	%NDFom	17.28	
Lignin (Sulfuric Acid)	%DM	8.13	5.44 - 9.38
NDFD 30	%NDFom	47.75	32.1 - 54.7
NDFD240	%NDFom	54.12	43.0 - 70.7
uNDFom30	%DM	24.59	16.4 - 29.7
uNDFom240	%DM	21.59	12.2 - 28.8
Sugar (ESC)	%DM	5.36	3.04 - 9.57
Sugar (WSC)	%DM	7.20	3.67 - 10.5
Starch	%DM	1.40	0.29 - 3.75
Fat (EE)	%DM	2.03	1.88 - 3.44
TFA (fat)	%DM	1.02	0.87 - 2.47
Ash	%DM	10.65	8.88 - 13.8
Calcium	%DM	1.26	0.93 - 1.81
Phosphorus	%DM	0.31	0.24 - 0.39
Magnesium	%DM	0.28	0.23 - 0.40
Potassium	%DM	3.12	1.76 - 3.37
Sulfur	%DM	0.21	0.16 - 0.33
Chloride	%DM	0.75	0.13 - 1.12

		ADF	OARDC	MLK 2013
TDN		59.08	54.59	57.65
Nel 3x	Mcal/cwt	60.42	55.34	58.62
Neg	Mcal/cwt	30.46	29.13	33.34
Nem	Mcal/cwt	56.20	54.75	59.35
Milk per ton	lbs/ton			2550

*Mixed hay statistics provided for comparison.

Calculations

NFC	%DM	25.76
NSC	%DM	8.60
RFV		113.12
RFQ		117.69
NDF kd rate MIR_P1	%/hr	7.25
Adjusted Crude Protein	%DM	17.40



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Sampled For: RIVERVIEW HAY

Product: 202401009

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

		Dry Basis	90% Range*
Moisture	20.99%		
Dry Matter	79.01%		
Crude Protein	%DM	17.59	15.4 - 24.0
AD-ICP	%CP	7.57	5.24 - 11.5
ND-ICP w/SS	%CP	17.28	
Protein Sol.	%CP	37.75	27.5 - 47.1
ADF	%DM	37.54	25.5 - 41.8
aNDF	%DM	46.89	31.9 - 51.8
aNDFom	%DM	45.67	29.3 - 48.5
Lignin	%NDFom	17.47	
Lignin (Sulfuric Acid)	%DM	7.98	5.84 - 9.64
NDFD 30	%NDFom	42.26	31.3 - 48.1
NDFD240	%NDFom	47.45	41.5 - 61.9
uNDFom30	%DM	26.37	16.5 - 29.5
uNDFom240	%DM	24.00	13.0 - 27.8
Sugar (ESC)	%DM	4.70	2.71 - 9.16
Sugar (WSC)	%DM	6.24	3.32 - 10.2
Starch	%DM	1.59	0.28 - 3.74
Fat (EE)	%DM	1.86	1.77 - 3.35
TFA (fat)	%DM	1.02	0.81 - 2.33
Ash	%DM	10.19	9.15 - 13.8
Calcium	%DM	1.23	1.19 - 1.84
Phosphorus	%DM	0.32	0.23 - 0.39
Magnesium	%DM	0.30	0.25 - 0.41
Potassium	%DM	3.09	1.83 - 3.36
Sulfur	%DM	0.21	0.17 - 0.33
Chloride	%DM	0.71	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		59.66	55.79	56.53
Nel 3x	Mcal/cwt	61.06	56.68	58.07
Neg	Mcal/cwt	31.99	30.85	31.96
Nem	Mcal/cwt	57.87	56.62	57.83
Milk per ton	lbs/ton			2492

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	27.57
NSC	%DM	7.83
RFV		118.40
RFQ		112.79
NDF kd rate MIR_P1	%/hr	7.50
Adjusted Crude Protein	%DM	17.59



To: Riverview Hay
7207 G24 Hwy
Indianola, IA 50125

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

Product: 202401005

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	26.11%		
Dry Matter	73.89%		
		Dry Basis	90% Range*
Crude Protein	%DM	17.35	15.4 - 24.0
AD-ICP	%CP	7.44	5.24 - 11.5
ND-ICP w/SS	%CP	17.58	
Protein Sol.	%CP	37.52	27.5 - 47.1
ADF	%DM	38.09	25.5 - 41.8
aNDF	%DM	48.34	31.9 - 51.8
aNDFom	%DM	46.83	29.3 - 48.5
Lignin	%NDFom	16.59	
Lignin (Sulfuric Acid)	%DM	7.77	5.84 - 9.64
NDFD 30	%NDFom	42.13	31.3 - 48.1
NDFD240	%NDFom	47.70	41.5 - 61.9
uNDFom30	%DM	27.10	16.5 - 29.5
uNDFom240	%DM	24.49	13.0 - 27.8
Sugar (ESC)	%DM	4.85	2.71 - 9.16
Sugar (WSC)	%DM	6.44	3.32 - 10.2
Starch	%DM	1.30	0.28 - 3.74
Fat (EE)	%DM	2.02	1.77 - 3.35
TFA (fat)	%DM	1.00	0.81 - 2.33
Ash	%DM	10.91	9.15 - 13.8
Calcium	%DM	1.15	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.29	0.25 - 0.41
Potassium	%DM	3.25	1.83 - 3.36
Sulfur	%DM	0.20	0.17 - 0.33
Chloride	%DM	0.83	0.16 - 1.13

		ADF	OARDC	MLK 2013
TDN		59.23	54.97	55.12
Nel 3x	Mcal/cwt	60.58	55.76	56.26
Neg	Mcal/cwt	31.28	29.66	29.98
Nem	Mcal/cwt	57.09	55.33	55.67
Milk per ton	lbs/ton			2374

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	25.96
NSC	%DM	7.74
RFV		113.87
RFQ		106.07
NDF kd rate MIR_P1	%/hr	7.28
Adjusted Crude Protein	%DM	17.35



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

Product: 202401011

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

Moisture	22.21%		
Dry Matter	77.79%		
		Dry Basis	90% Range*
Crude Protein	%DM	16.89	13.7 - 23.9
AD-ICP	%CP	8.00	5.24 - 11.5
ND-ICP w/SS	%CP	17.23	
Protein Sol.	%CP	39.67	26.1 - 46.1
ADF	%DM	38.70	25.8 - 41.6
aNDF	%DM	49.16	32.3 - 55.6
aNDFom	%DM	47.77	29.9 - 53.5
Lignin	%NDFom	17.21	
Lignin (Sulfuric Acid)	%DM	8.22	5.44 - 9.38
NDFD 30	%NDFom	46.07	32.1 - 54.7
NDFD240	%NDFom	52.98	43.0 - 70.7
uNDFom30	%DM	25.76	16.4 - 29.7
uNDFom240	%DM	22.46	12.2 - 28.8
Sugar (ESC)	%DM	4.81	3.04 - 9.57
Sugar (WSC)	%DM	6.65	3.67 - 10.5
Starch	%DM	1.41	0.29 - 3.75
Fat (EE)	%DM	1.94	1.88 - 3.44
TFA (fat)	%DM	0.97	0.87 - 2.47
Ash	%DM	10.71	8.88 - 13.8
Calcium	%DM	1.21	0.93 - 1.81
Phosphorus	%DM	0.31	0.24 - 0.39
Magnesium	%DM	0.31	0.23 - 0.40
Potassium	%DM	3.03	1.76 - 3.37
Sulfur	%DM	0.20	0.16 - 0.33
Chloride	%DM	0.69	0.13 - 1.12

		ADF	OARDC	MLK 2013
TDN		58.75	54.14	56.45
Nel 3x	Mcal/cwt	60.05	54.84	57.70
Neg	Mcal/cwt	30.05	28.31	31.56
Nem	Mcal/cwt	55.74	53.85	57.40
Milk per ton	lbs/ton			2476

*Mixed hay statistics provided for comparison.

Calculations

NFC	%DM	25.57
NSC	%DM	8.06
RFV		111.12
RFQ		112.11
NDF kd rate MIR_P1	%/hr	6.91
Adjusted Crude Protein	%DM	16.89