



To: Byron Seeds - Duane Colvin
855 Moscow Rd.
Dongola, IL 62926

Account No.: 968 (0)
Sampled By: Byron Seeds - Duane
Sampled For: DAN OLSON

Product: COCKTAIL 1ST CUT

Test Mode: N3
Feed Type: Hay - Grass
Sub Type: Mixed

Nutrient

Moisture 69.52%
Dry Matter 30.48%

Mixed grass hay statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	17.24	9.38	4.95 - 16.48
AD-ICP % of CP	%CP	3.43	12.02	5.83 - 23.42
ND-ICP w/SS	%CP	25.75		
Protein Sol.	%CP	36.37	26.07	8.61 - 48.90
ADF	%DM	24.71	40.44	31.75 - 50.23
aNDF	%DM	40.95	60.92	48.19 - 72.71
aNDFom	%DM	39.99	57.38	43.04 - 68.85
Lignin	%NDFom	4.38		
NDFD12	%NDFom	57.84	30.40	21.40 - 45.10
NDFD 30	%NDFom	76.69	49.20	36.20 - 65.52
NDFD 120	%NDFom	89.57	63.17	49.44 - 81.34
NDFD240	%NDFom	91.87	66.50	52.42 - 80.59
uNDFom12	%DM	16.86	38.70	24.80 - 48.50
uNDFom30	%DM	9.32	28.34	14.70 - 40.90
uNDFom120	%DM	4.17	20.89	8.46 - 32.77
uNDFom240	%DM	3.25	19.99	10.26 - 30.38
Sugar (ESC)	%DM	11.42	6.34	2.16 - 10.37
Sugar (WSC)	%DM	13.55	8.25	3.29 - 12.93
Starch	%DM	4.30	1.81	0.25 - 7.32
Fat (EE)	%DM	3.84	2.57	1.58 - 3.71
TFA (fat)	%DM	1.97	1.19	0.49 - 2.17
16:0 Palmitic	%TFA	18.78	24.05	18.05 - 36.79
18:0 Stearic	%TFA	3.05	6.16	3.37 - 10.76
18:1 Oleic	%TFA	4.57	8.70	4.24 - 26.61
18:2 Linoleic	%TFA	15.74	12.66	3.64 - 26.39
18:3 Linolenic	%TFA	56.35	47.06	8.75 - 59.69
Ash	%DM	10.35	9.35	6.12 - 13.03
Calcium	%DM	0.39	0.61	0.25 - 1.15
Phosphorus	%DM	0.43	0.22	0.11 - 0.35
Magnesium	%DM	0.24	0.20	0.12 - 0.33
Potassium	%DM	4.11	1.82	0.69 - 3.03
Sulfur	%DM	0.24	0.14	0.07 - 0.25

Calculations

NFC %DM 33.89
NSC %DM 17.85



To: Byron Seeds - Duane Colvin
855 Moscow Rd.
Dongola, IL 62926

Account No.: 968 (0)
Sampled By: Byron Seeds - Duane
Sampled For: DAN OLSON

Product: COCKTAIL 1ST CUT

Test Mode: N3
Feed Type: Hay - Grass
Sub Type: Mixed

RFV	158.20
RFQ	199.27
Adjusted Crude Protein	%DM 17.24

		<u>ADF</u>	<u>OARDC</u>	<u>MLK 2013</u>
TDN	%DM	69.65	69.00	71.84
Nel 3x	Mcal/cwt	72.19	71.39	73.99
Neg	Mcal/cwt	36.98	47.78	50.95
Nem	Mcal/cwt	63.36	75.44	79.04
Milk per ton	lb/ton DM			3697

To: Byron Seeds - Duane Colvin
855 Moscow Rd.
Dongola, IL 62926