

Sample Analysis Results

18246 Waller Rd
P.O. Box 208
Fulton, IL 61252
(800) 435-9560

Consultant:
Email:
Phone:

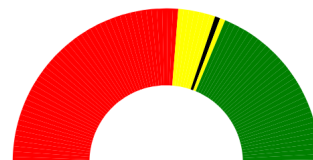
Lisa Barkley
lisa.barkley@agriking.com
206-228-1735

Client: 49397 Gourley Farms
Sample Type: Balage

Sample Number: 1982527 **Process Date:** 06/15/26
Sample Description: grade A Grass, 6/10

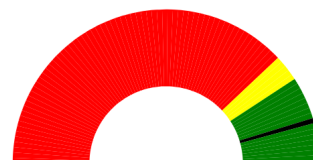
		Dry Basis	3 Sample Avg.
DM	%DM	34.72	39.87
Moisture	%DM	65.28	60.13
pH	PH	4.5	4.6
Lactic Acid	%DM	5.5	6.3
Acetic Acid	%DM	1.8	1.4
Butyric Acid	%DM	0.00	0.00

Crude Protein



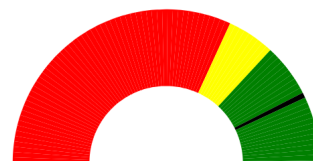
Protein & Amino Acids		Dry Basis	3 Sample Avg.
Crude Protein	%DM	17.40	18.97
Soluble Protein	%CP	58.62	50.48
Acid Detergent Insoluble Protein	%DM	0.47	1.14
Methionine	%DM	0.251	0.265
Lysine	%DM	0.721	0.849
Histidine	%DM	0.263	0.276
Ammonia as % CP	%CP	14.80	11.20
Ammonia-N	PPM	4121	3392

IVDMD



Fiber and Digestibility		Dry Basis	3 Sample Avg.
IVDMD	%DM	76.65	76.23
NDFD30	%DM	56.13	54.17
ADF	%DM	30.58	29.94
NDF	%DM	49.89	41.24
aNDFom	%DM	43.52	38.62
Lignin	%DM	1.78	4.11
Hemicellulose	%DM	19.31	11.29

NDFD30



Carbohydrates and Digestibility		Dry Basis	3 Sample Avg.
NFC	%DM	23.98	31.98
Sugar	%DM	3.50	3.38

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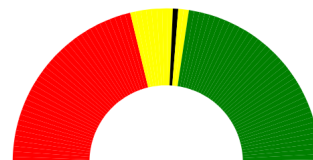
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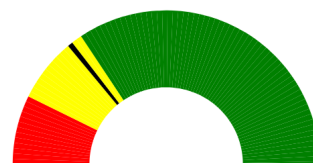
Fat Components		Dry Basis	3 Sample Avg.
Fat	%DM	2.57	2.15
TFA%	%	2.13	1.80
Saturated Fat	%	27.56	31.72
MUFA	%	4.22	3.80
PUFA	%	65.95	63.83

NFC



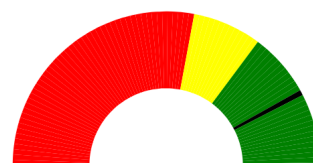
Calculations		Dry Basis	3 Sample Avg.
Calories	KCAL/LB	594.28	570.94
RFV		121.34	151.26
RFQ		137.37	161.85
TDN	%DM	61.31	61.99
NEL	MCAL/LB	0.68	0.69
NEM	MCAL/LB	0.61	0.62
NEG	MCAL/LB	0.35	0.36
Agri-King Net Energy	MJ/KG	6.250	6.540
Agri-King Net Calories	KCAL/LB	678	709

Sugar



Minerals		Dry Basis	3 Sample Avg.
Calcium (CA)	%DM	0.36	1.01
Phosphorous (P)	%DM	0.28	0.26
Magnesium (Mg)	%DM	0.16	0.21
Potassium (K)	%DM	3.27	2.86
Sodium (Na)	%DM	0.00	0.01
Sulfur (S)	%DM	0.21	0.21
Chloride (Cl)	%DM	0.63	0.50
Iron (Fe)	PPM	178	345
Copper (Cu)	PPM	5	9
Zinc (Zn)	PPM	27	33
Manganese (Mn)	PPM	73	53
Aluminum (Al)	PPM	47	219
ASH	%DM	7.30	7.97

Calories



RFQ

