

Sample Analysis Results

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

Consultant:
Email:
Phone:

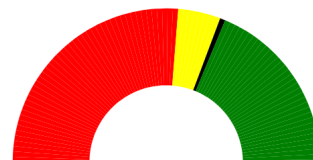
Lisa Barkley
lisa.barkley@agriking.com
206-228-1735

Client: 49397 Gourley Farms
Sample Type: Balage

Sample Number: 1982529 **Process Date:** 06/15/26
Sample Description: Clover - 6/10

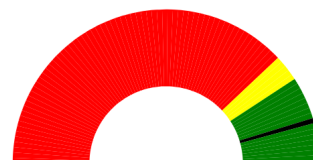
		Dry Basis	3 Sample Avg.
DM	%DM	40.01	39.87
Moisture	%DM	59.99	60.13
pH	PH	4.6	4.6
Lactic Acid	%DM	6.9	6.3
Acetic Acid	%DM	1.2	1.4
Butyric Acid	%DM	0.00	0.00

Crude Protein



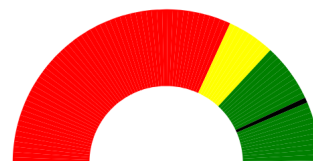
Protein & Amino Acids		Dry Basis	3 Sample Avg.
Crude Protein	%DM	17.73	18.97
Soluble Protein	%CP	37.62	50.48
Acid Detergent Insoluble Protein	%DM	1.84	1.14
Methionine	%DM	0.259	0.265
Lysine	%DM	0.762	0.849
Histidine	%DM	0.232	0.276
Ammonia as % CP	%CP	7.68	11.20
Ammonia-N	PPM	2178	3392

IVDMD



Fiber and Digestibility		Dry Basis	3 Sample Avg.
IVDMD	%DM	77.21	76.23
NDFD30	%DM	56.35	54.17
ADF	%DM	30.44	29.94
NDF	%DM	38.38	41.24
aNDFom	%DM	36.34	38.62
Lignin	%DM	5.68	4.11
Hemicellulose	%DM	7.94	11.29

NDFD30



Carbohydrates and Digestibility		Dry Basis	3 Sample Avg.
NFC	%DM	38.05	31.98
Sugar	%DM	4.70	3.38

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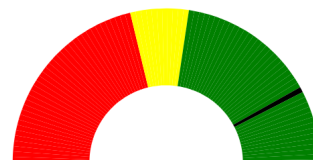
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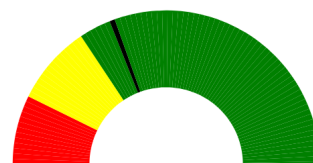
Fat Components		Dry Basis	3 Sample Avg.
Fat	%DM	2.04	2.15
TFA%	%	1.61	1.80
Saturated Fat	%	31.78	31.72
MUFA	%	3.02	3.80
PUFA	%	67.52	63.83

NFC



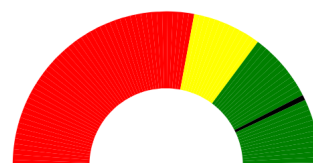
Calculations		Dry Basis	3 Sample Avg.
Calories	KCAL/LB	602.15	570.94
RFV		158.00	151.26
RFQ		176.31	161.85
TDN	%DM	61.46	61.99
NEL	MCAL/LB	0.68	0.69
NEM	MCAL/LB	0.62	0.62
NEG	MCAL/LB	0.36	0.36
Agri-King Net Energy	MJ/KG	6.920	6.540
Agri-King Net Calories	KCAL/LB	751	709

Sugar



Minerals		Dry Basis	3 Sample Avg.
Calcium (CA)	%DM	1.04	1.01
Phosphorous (P)	%DM	0.23	0.26
Magnesium (Mg)	%DM	0.22	0.21
Potassium (K)	%DM	2.80	2.86
Sodium (Na)	%DM	0.00	0.01
Sulfur (S)	%DM	0.13	0.21
Chloride (Cl)	%DM	0.26	0.50
Iron (Fe)	PPM	267	345
Copper (Cu)	PPM	10	9
Zinc (Zn)	PPM	28	33
Manganese (Mn)	PPM	29	53
Aluminum (Al)	PPM	166	219
ASH	%DM	7.61	7.97

Calories



RFQ

