

TRIAL RESULTS

EXECUTIVE SUMMARY

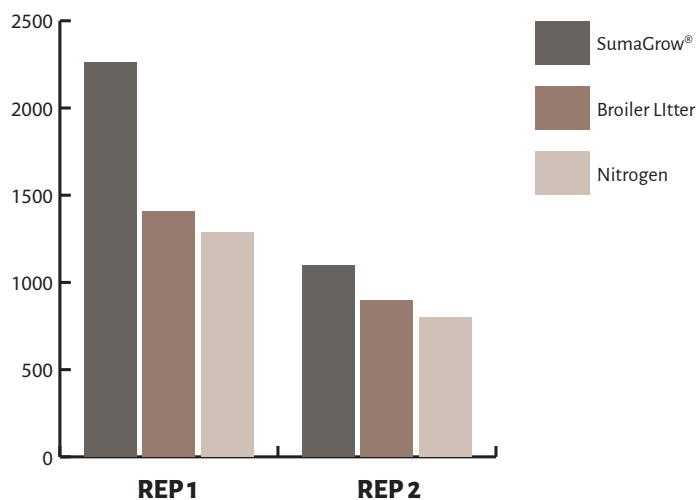
FORAGE & HAY-KANSAS

Research on the effect of products containing SumaGrow® on Kentucky 31 Fescue, Common Bermuda Grass, White Clover and Red Clover at LHOPE Ranches in Kansas



RESULTS	
Treatment:	Yield (lbs/acre) Replicate 1
SumaGrow®	2,263.8
Broiler Litter (BL)	1,405.8
Nitrogen	1,289.2
Increase over Nitrogen	+ 75%

ANIMAL UNIT MONTHS	
SumaGrow®	2.36
Broiler Litter (BL)	1.46
Nitrogen	1.34



Results indicate significant increases in season long brix content of key forages species for the SumaGrow® compared to the nitrogen, and intermediate results for the broiler litter. SumaGrow® achieved higher yields, greater AUM and overall grazing days available for a 150-day grazing season. Per cost analysis indicated a cost advantage for the SumaGrow® treatments compared to broiler litter and nitrogen.

PRIMARY POINTS:

- Crop:** Kentucky 31 Fescue, Common Bermuda Grass, White Clover, Red Clover
- Location:** Southeastern Kansas
- Trial Date:** 2010/Conducted over 150 days
- Growing Conditions:** Good with adequate rainfall
- Irrigation:** No

TREATMENT SCHEDULE:

SumaGrow®: 1 gal/acre single application

Nitrogen: Single application of 50 lbs 46-0-0

Organic Broiler Litter: 4 gal/acre single application

