

SPRING FORAGE YIELDS AND QUALITY OF PLOTS FERTILIZED WITH BROILER LITTER, EXCEPTIONAL QUALITY BIOSOLIDS

S. Hawkins*, F. Walker

University of Tennessee Dept. of Biosystems Eng. and Soil Science, Knoxville, TN 37996

[*shawkins@utk.edu](mailto:shawkins@utk.edu)

SUMMARY

High prices and volatility in the chemical fertilizer markets have increased agricultural producer interest in alternative fertilizers. Though the rate of biosolids beneficial reuse in the southeastern states lags well behind other parts of the country, utilities are increasingly producing more attractive "exceptional quality" biosolids with no land application restrictions. Research documenting the performance of these products is lacking. This study examines two years of Spring forage yield and quality using an "exceptional quality" biosolids that will be available in bulk granulated form through TN, KY and AR. Results are benchmarked to broiler litter, chemical fertilizers, and control plots.