Use of Goats to Control Understory Vegetation in Longleaf Pine Stands.

D. D. Bowie, A. S. Kumi, B. R. Min, W. H. McElhenney, U. Karki, R. C. Smith, A. W. Elliott, and N. K. Gu rung

Objectives:

animal productivity, and damagestoatnd tree growths

Procedures:

A 4.86 heatand with 1,112 longleaf pines (8 to 9 yr old/ha) was divided into twelve 0.40 ha plots at the McIntire Stennis Agricorestry Research Site, Tuskegee, AL. The vegetation can be described as longleaf pines with variety of understory scrub Fathyfour mature Kiko wethers (initial body weight (BW) = 47.3 ±2.1kg) were allocated randomly to four treatments (0, 3, 6, or 9 goats/0.4 ha) with three replications per treatment for 10 were according to a completent/domized block design. Understory biomass height and quantity (measured within 0.25 m²quadrats), soil bulk density, crown cover densities, and animal productivity were analyzed using the GLM procedure of SAS and using the initial values as coverridates age and diameter at breast height at 1.37m were monitored.

Results:

Results showed that soil bulk density and soil compaction were similar am $\Theta_20.06$ to $\Theta_10.06$ to $\Theta_20.06$ to $\Theta_20.06$

Impact:

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