

Performance of Sehima Nervosum Entries Under Different Fertility Levels and Cutting Intervals in Semi Arid Region of Andhra Pradesh

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ABSTRACT

A field experiment was conducted during 2004-06 at Hyderabad with eighteen treatments comprising of three sehima entries (IGS-9901, IGS-9907 and IGS-9908), three fertility levels (control, 30 N+20P and 60N+40P kg ha⁻¹) and two cutting intervals (30 and 60 DAS). The experiment was laid out in factorial randomized block design with three replications. The pooled data of two years revealed that the sehima entry IGS-9901 supplemented with 60 N + 40 P₂O₅ kg ha⁻¹ harvested at 30 days interval gave significantly higher green fodder (21.64 t ha⁻¹), dry matter (6.88 t ha⁻¹) and crude protein yield (0.35 t ha⁻¹). The performance of all entries of sehima was superior when harvested at 30 days after sowing (30DAS) at each fertility level.

Key words : Cutting interval, Entries, Fertility level, Forage yield, Sehima.