

Influence of Nitrogen and Zinc on Growth and Yield of Multicut Fodder Sorghum (*Sorghum bicolor* (L.) Moench)

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ABSTRACT

A field trial was conducted on multicut fodder sorghum at Agricultural College Farm Bapatla. Treatments consisted of four levels of zinc and an absolute control. Data were recorded on plant height, number of tillers per hill, drymatter accumulation, green fodder and dry fodder yield. With incremental increase in the nitrogen level from 40 to 160 kg ha⁻¹, there was a gradual and significant increase in growth and yield of multicut fodder sorghum. Application of Zn @10, 20, 30 kg ha⁻¹ could equally influence the growth and yield in fodder sorghum but were significantly superior over absolute control.

Key words : Multicut Fodder Sorghum, Nitrogen Levels, Zinc Levels