EFFECT OF TOP-DRESSING OF NITROGEN ON SORGHUM FORAGE YIELD AND QUALITY UNDER DIFFERENT AGRONOMIC PRACTICES

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Abstracts: A field experiment was conducted during summer season. The effect of various agronomic factors on the growth, forage yield, quality and economics of summer sown forage sorghum at IGKV, Raipur. A field experiment was laid out in randomized block design with 12 treatments. The treatment T11 was found better with regards to plant height, dry matter production, No. of leaves and crop growth rate as compared to other treatments. The crop irrigated at an interval of 10 days and top-dressing of nitrogen @ 30kg ha\(^{-1}\) given at 30 DAS recorded maximum green and dry forage yield, protein yield and net returns as compared to rest of the treatments. The sorghum yielded more fodder during first cutting. Treatment T11 was found to be more remunerative and economical as compared to other treatments under study.

Keywords: Forage yield, Quality of forage, Sorghum

REFERENCES


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