

Research Article

Effect of INM on nutrient uptake, yield and quality of okra [*Abelmoschus esculents* (L.) Moench]

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Summary

Effect of applying organic manures (vermicompost and neem cake) and inorganic fertilizers on nutrient uptake, yield and quality of okra was studied under field conditions at the Research Farm, Department of Horticulture, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola during summer 2012-13. Highest nutrient uptake by okra, yield of okra (no. of fruits plant⁻¹, weigh fruit⁻¹, fruit yield plant⁻¹, fruit yield ha⁻¹) and quality attributing character *i.e.* high protein content and low crude fibre content of okra fruits was recorded in treatment receiving 100 per cent RDF over other treatments which was statistically at par with treatment 75 per cent RDF + 12.5 per cent RDN through vermicompost + 12.5 per cent RDN through neem cake followed by treatment 75 per cent RDF + 25 per cent RDN through vermicompost and 75 per cent RDF + 25 per cent RDN through neem cake.

Key words : Nutrient uptake, Yield, Quality, Okra, RDF

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