



# Combined effect of organic manures with inorganic plant nutrients on major and secondary nutrient uptake of okra (*Abelmoschus esculentus* L.) crop

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**Abstract :** A field experiment was conducted at Agricultural college and research institute, Tamil Nadu Agricultural university, Madurai to evaluate the response of bhendi (Arka anamika) with organic sources like goat manure and pig manure combined with inorganic fertilizers on availability of soil available nutrients. There were ten treatment combinations replicated thrice in Randomized Block Design (RBD) in Maddukkur soil series (*Typic Haplustalf*). The results showed that the plots received 50 per cent RDF combined with goat manure @ 6.5 t ha<sup>-1</sup> recorded highest nitrogen, phosphorus and potassium uptake (37.54, 9.32 and 36.72 kg ha<sup>-1</sup>) and the lowest value registered in control plot (24.68, 3.85 and 24.00 kg ha<sup>-1</sup>), respectively.

**Key Words :** Uptake of nutrients, Organic and inorganic manures, Okra

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