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RESEARCH ARTICLE :

Integrated nutrient management's effect on nutrients content and nutrients uptake of okra (*Abelmoschus esculentus* (L.) Moench)

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SUMMARY : A field experiment on nutrient content and nutrient uptake attributes of okra (*Abelmoschus esculentus* (L.) Moench) under integrated nutrient management was carried out in College Orchard of Agricultural College and Research Institute, Madurai, Tamil Nadu. The experiments were laid out in Randomized Block Design (RBD) with fifteen treatments in three replications. The study revealed that the increased nutrient content and nutrient uptake attributes was obtained in T_{15} (75% recommended dose of N + 75% recommended dose of P + 100% K + *Azospirillum* + Phosphobacteria + GA_3-100 ppm). Application of T_{15} significantly highest leaf nitrogen (2.91 %), leaf phosphorus (0.36 %), leaf potassium (3.95 %), uptake of nitrogen (170.9 kg ha $^{-1}$), phosphorus (9.12 kg ha^{-1}) and potassium (214.81 kg ha^{-1}) of okra (*Abelmoschus esculentus* (L.) Moench).

KEY WORDS :
Nutrient, Okra, Management, Nutrient uptake

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