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Research Article

Response of upland paddy (*Oryza sativa* L.) under integrated nutrient management in South Rajasthan conditions

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Summary

A field experiment was carried out during *Kharif* 2003 to find out the response of upland paddy to integrated nutrient management. Application of 75 % RDF + 25 % N through vermicompost + *Azotobacter* + PSB + VAM was found at par with 75 % RDF + 25 % N through FYM + *Azotobacter* + PSB + VAM recorded significantly maximum grain and straw yields over recommended P (30 kg P_2O_5 ha^{-1}). The magnitude of increase was 37.03 and 68.04 per cent over recommended phosphorus level. Data further revealed that this level also recorded significantly higher in N, P, K, Fe, Cu, Zn and Mn uptake by grain as well as straw than T_{12} (recommended P *i.e.* 30 kg P_2O_5 ha^{-1}).

Key words : Upland paddy, Integrated nutrient management

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