

# **Effect of Integrated Nitrogen Management on Growth Components, Yield and Nutrient uptake of rice**

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## **ABSTRACT**

An experiment was conducted at Agricultural College Farm, Bapatla, during *kharif* 2015-16 to study the integrated nitrogen management practices in transplanted rice on growth, yield and nutrient uptake by the crop. Organic manures *viz.*, poultry manure, FYM and neemcake were used in this experiment. Among all the treatments tested combined application of inorganic fertilizer and poultry manure @ 125 per cent RDN recorded significantly highest growth components yield and nutrient uptake of rice which was statistically at par with 125 and 100 per cent RDN through inorganic fertilizers alone.

Key words: *Growth, Nutrient uptake Organic manures, Transplanted rice, Yield.*