

Yield maximization of hybrid rice (*Oryza sativa*. L.) through integrated nutrient management

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ABSTRACT : The experiment was laid out in Randomized Complete Block Design (RCBD) with ten treatments replicated thrice. The treatments consisted of 100%, 75% & 50% recommended doses of nutrients (RDN) through chemical fertilizers and 25% & 50% RDN through organic sources like Farm yard manure and Blue green algae (BGA). Application of 75% of recommended NPK through inorganic + FYM @ 10 t/ha + BGA @ 15 kg/ha recorded significantly higher plant height, more no. of tillers/hill and yield.

Key Words: Organic, inorganic, INM, hybrid rice, BGA.