

Effect of Paddy Straw, FYM and Zinc on Yield and Uptake of Nutrients by Rice (*Oryza sativa* L.)

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ABSTRACT

A field experiment was conducted at Agricultural College Farm, Bapatla, during *kharif*, 2011 with an objective to know the use of organic sources of nutrients viz., paddy straw and FYM alone and in combination with zinc sulphate on uptake of nutrients and yield of rice. The results revealed that integrated application of recommended dose of fertilizer and zinc sulphate @ 50 kg ha⁻¹ with organic manures (paddy straw/ FYM) was proved to be highly beneficial in improving uptake of nutrients and yield of rice.

Key words : Farmyard manure, Paddy straw, Rice.