

Effect of Organics and Micronutrients on Growth, Yield and Nutrient Uptake of Aerobic Rice

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ABSTRACT

A field experiment was conducted at S.V. Agricultural College, Tirupati, to study the effect of organics and micronutrients on aerobic rice. The experiment comprised of three organic practices *viz.*, farm yard manure, green leaf manure and no organics taken in main plots and two micronutrient applications taken under seven treatments in subplots *i.e.*, application of iron and zinc either alone or in combination to the soil or foliage and tested in split-plot design. Among the organics, incorporation of FYM @ 10 t ha⁻¹ and among the micronutrients, foliar application of 0.25% FeSO₄ and 0.5% ZnSO₄ twice at 20 and 30 DAS resulted in higher growth parameters, yield attributes, yield and nutrient uptake.

Key words : Aerobic rice, Micronutrients, Nutrient uptake, Organics.