

Response of Direct Seeded Rainfed Low Land Rice to Organics and Zinc Application

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ABSTRACT

A field experiment was conducted during *kharif*, 2014 at Agricultural College Farm, Bapatla. The experiment was laid out in RBD and replicated thrice. Treatment combinations include FYM and Urban Compost as organic sources and two methods of zinc application. The results showed that significantly higher growth parameters viz., plant height, no. of tillers m⁻², drymatter accumulation, yield attributes (no. of productive tillers m⁻², total grains panicle⁻¹, no. of filled grains panicle⁻¹ and test weight) and yield of direct seeded rice were with RDF (120: 60: 40 kg NPK ha⁻¹) along with FYM @ 10 t ha⁻¹ and ZnSO₄ @ 50 kg ha⁻¹ basal soil application combination which was at par when zinc was applied as foliar spray @ 0.5% at 20 and 40 DAS with RDF + FYM @ 10 t ha⁻¹.

Key words : FYM, Urban Compost, Zinc and Direct Seeded Rice.