

Effect of Liquid Biofertilizers on Growth and Yield of Direct Sown Rice

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ABSTRACT

A field experiment was conducted to study the response of direct sown rice to liquid biofertilizers and different levels of fertilizers at Agricultural College Farm, Bapatla during *kharif*, 2019-20. The experiment was laid out in randomized block design with eleven treatments replicated thrice. The results of the experiment indicated that higher drymatter, yield attributes and yield were recorded with the application of 100% RDF+ *Azospirillum*+ PSB+ KRB (T6) which was on par with T5 (100% RDF + *Azospirillum*+ KRB) and T4 (100% RDF + *Azospirillum*+ PSB). The treatments that received 75% RDF along with liquid biofertilizers were on par with 100% RDF along with liquid biofertilizers in direct sown rice.

Keywords: *Azospirillum*, *Direct sown rice*, *KRB*, *Liquid Biofertilizers* and *PSB*.