

# **Effect of Phosphorus Biofertilizers along with Inorganic Fertilizers on Growth and Yield of Maize**

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## **ABSTRACT**

A field experiment was conducted to study the response of maize to phosphorus levels and phosphorus biofertilizers at Agricultural College Farm, Bapatla during *kharif*, 2019. The experiment was laid out in randomized block design with nine treatments replicated thrice. The results of the experiment indicated that higher drymatter, yield attributes and yield were recorded with the application of 100% RDP + VAM @ 12.5 kg ha<sup>-1</sup> (T<sub>4</sub>) which was on par with T<sub>3</sub>(100% RDP + PSB @ 1 L ha<sup>-1</sup>). The treatments that received 75% RDP along with phosphorus biofertilizers were on par with 100% RDP in maize.

**Keywords:** *Maize, Phosphorus, PSB and VAM*