

# Effect of Biogas Digest and Inorganic Sources of Nutrients on Nutrient Uptake of Chickpea (*Cicer arietinum* L.)

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## ABSTRACT

A field experiment was conducted during *Rabi*, 2018 in clayey soil, at Agricultural College Farm, Bapatla to study the Effect of biogas digest and inorganic nutrient sources on nutrient uptake of chickpea. The experiment was laid out in randomized block design replicated thrice. The results of the experiment revealed that application of 100% RDP through BGD + microbial consortium (T<sub>10</sub>) recorded highest N, P, K, S, Fe, Mn, Zn and Cu uptake at vegetative and harvest stages. The protein content and uptake of other nutrients were recorded highest with the application of 100% RDP through BGD + microbial consortium (T<sub>10</sub>).

**Keywords:** *Biogas Digest (BGD), Chickpea, Nutrient uptake and Recommended Dose of Phosphorus (RDP),*