

Effect of Integrated Nitrogen Sources on Growth Parameters and Yield of Pearl Millet

T Bhargavi, K Mosha, M Martin Luther and P Venkata Subbaiah

Department of Agronomy, Agricultural College, Bapatla, A. P.

ABSTRACT

A field experiment was conducted during *kharif*, 2019 on sandy soils of Agricultural College Farm, Bapatla. The experiment was laid out in randomised block design with eight treatments and replicated thrice. The results indicated that plant growth characters like plant height, tillers m⁻², drymatter accumulation, grain and stover yield were higher with 75% Soil Test Based Nitrogen + 25% vermicompost + *Azospirillum* @ 5 kg ha⁻¹ which was significantly superior to the rest of the treatments except 100% STBN + *Azospirillum* @ 5 kg ha⁻¹.

Keywords: *STBN and Azospirillum, Vermicompost.*