# Effect of Zinc Fertilization on Growth and Yield of Finger Millet

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**ABSTRACT**

A field experiment was conducted during *kharif,* 2019 on a sandy loam soils of Agricultural College Farm, Bapatla to study the effect of zinc management treatments on growth & yield of finger millet. The experiment was laid out in a 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 foliar application of nano zinc oxide 500 ppm at 60 and 75 DAS along with soil test based fertilizer application (STBF) which was significantly superior to the rest of the treatments. The lower values of the parameters were recorded with absolute control treatment.

**Keywords:** *Nano zinc oxide and STBF*