

# **Delineation of Nutrient Status in Bt Cotton Growing Soils of Kurnool District in Andhra Pradesh**

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## **ABSTRACT**

TA survey was undertaken to delineate the nutrient status in Bt cotton growing soils in Kurnool district of Andhra Pradesh. The analysis of the soils revealed that the texture of the soils varied from sandy clay loam to clay, neutral to strongly alkaline in reaction, non-saline, medium to high in organic carbon, medium in available nitrogen and high in available P and K. The available Ca, Mg, S, Fe, Mn, Zn and Cu were found to be above their respective critical limits in all the soils. However, 53.33 per cent samples were deficient in available B in Alfisols .

**Key words :** Bt cotton soils, Macronutrients, Micronutrients, Soil orders.