

## **Assessment of soil nutrient status in Kandukuru village of SPSR, Nellore District**

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### **ABSTRACT**

The present study was carried out to assess the nutrient status of kandukuru village in SPSR Nellore district of Andhra Pradesh. Two hundred surface soil samples (0-20 cm) from kandukuru village were collected and analyzed for their soil physico- chemical properties like pH, EC, OC and available macronutrients N, P, K. Analytical data was interpreted and statistical parameters like range, mean, standard deviation were calculated. Soils were slightly acidic to alkaline (6.28-8.50) in reaction, non-saline (0.07-0.99) and low in organic carbon (0.04-0.93). The soils were in available Nitrogen (85.0-257 Kg ha<sup>-1</sup>), low to medium in available Phosphorus (5.20-50.6 Kg ha<sup>-1</sup>) and medium to high in available Potassium (220-740 Kg ha<sup>-1</sup>). The present study reveals that the study area has low OC, available N, P.

**Key words:** *Kandukuru Village, Nutrient status and Soil*