

Physico-Chemical Properties and Macronutrient Status of Soils in Kavali Revenue Division in Nellore District, Andhra Pradesh

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ABSTRACT

Two hundred soil samples (100 each surface and sub-surface) collected from 18 mandals of Kavali division in Nellore district were analysed for their physico-chemical properties and available N, P and K. The data revealed that the soils were in low organic carbon content and available nitrogen, medium to high in available phosphorus and high in available potassium. Soil pH varied from strongly acidic to strongly alkaline and non-saline to very strongly saline. The available nitrogen and phosphorus were significantly and positively correlated with the organic carbon which significantly and negatively correlated with soil pH.

Key words : Correlation, Macronutrients, pH .