

Fertility Status of Soils of Narasaraopet Revenue Division in Guntur district

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ABSTRACT

The present study was conducted in Narasaraopet revenue division of Guntur district by collecting 102 representative soil samples using GPS. The soils of this region varied from Loamy sand to clay in texture. The soils were found to be neutral to moderately alkaline (pH 6.6 to 8.4) in reaction. The soils were non saline, slightly to moderately calcareous in nature, non sodic, low to medium in organic carbon. CEC of the soils ranged from 14.7 to 69.7 cmol (p⁺) kg⁻¹ soil. The most dominant exchangeable cation was calcium followed by magnesium, sodium and potassium with mean values of 27 and 4.84 and 1.60 and 1.10 cmol (p⁺) kg⁻¹ soil, respectively.

Key words: Electro-chemical properties, Physical, Physico-chemical.