

Yield and Fiber Qualities of Cotton (*Gossypium hirsutum*) as Influenced by long-term Manures and Fertilizers on Cotton Mono-Cropping

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ABSTRACT

Field experiment was carried out on medium black soils at Regional Agricultural Research Station, Lam, Guntur, Andhra Pradesh during 2013-14 under rainfed conditions to study the effect of manures and fertilizers on seed cotton yield (SCY) and fibre qualities of cotton. Influence of manures and fertilizers on fiber length, fibre strength, fibre fineness, uniformity ratio and maturity ratio value was found non significant. Highest seed cotton yield of (2181 kg ha⁻¹) was recorded with RDF + FYM @ 10 t ha⁻¹.

Key words: Fibre quality parameters, FYM, Seed cotton yield.