

Performance of cotton under high density planting with varied spacing and levels of nitrogen

B Devi, S Bharathi, M Sree Rekha and K Jayalalitha

Department of Agronomy, Agricultural College, Bapatla 522101, Andhra Pradesh

ABSTRACT

A field experiment was conducted during *kharif* 2016 - 17 to evaluate the optimum spacing and nitrogen in cotton under high density planting system. A closer spacing of 60 cm × 10 cm gave significantly higher seed cotton yield (1666 kg ha⁻¹) than other spacings tested and it was on par with 75 cm × 10 cm. The highest seed cotton yield was recorded with a nitrogen level of 150 kg N ha⁻¹ (1620 kg ha⁻¹) than other nitrogen levels tested. Interactions were non significant.

Key words : *Cotton, nitrogen levels, spacing*