

# Effect of Certain Spacings and Nutrient Levels on Growth and Bulb Yield of Onion Var. N-53

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## ABSTRACT

A field experiment was conducted to study the effect of spacing and nutrient levels on growth and bulb yield of onion cultivar N-53 during *rabi* season of 2006-2007 at Agricultural college, Bapatla (A.P). The results revealed that the wider spacing of 30x30 cm with nutrient level, 200 kg N: 80 kg P<sub>2</sub>O<sub>5</sub>: 100 kg K<sub>2</sub>O ha<sup>-1</sup> produced maximum plant height, no.of leaves, foliage length pseudostem diameter, drymatter production and chlorophyll content. However, narrow spacing 30x15cm with same nutrient level, produced maximum bulb yield per hectare and found promising.

**Key words** : Bulb yield , Nutrient levels, Onion, Plant growth, Spacing.