

EFFECT OF NITROGEN PHOSPHORUS AND SPACING ON GROWTH AND YIELD OF OKRA

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Abstract: An experiment was conducted to determine the effect of nitrogen phosphorus and spacing on growth and yield of okra. It revealed that application of 85 kg/ha. Nitrogen and phosphorus 60 kg/ha. produced significantly maximum plant height, internodes length, diameter of fruit and green fruit yield compared to 60 kg/ha, 35 kg/h and 40 kg/ha and 20 kg/ha phosphorus. The population responded significantly to spacing 60x30 cm and higher plant height, diameter of fruit, leaf length, width, weight per fruit highest recorded. But spacing of 30x30 cm length of inter node and green fruit per hectare were recorded. The green fruit yield could be economical and profitable with application 85 kg/ha and 60 kg phosphorus when planted 30x30 cm spacing of okra in western Uttar Pradesh condition.

Keywords: Nitrogen, Phosphorus, Effect, Growth, Okra

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