

PERFORMANCE OF BIO-FERTILIZERS AND VARIOUS LEVELS OF NITROGEN ON GROWTH AND YIELD OF CARROT (*DAUCUS CAROTA*) CV.PUSA KESAR

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ABSTRACT : The experiment was carried out Research Farm, Department of Horticulture, Allahabad Agricultural Institute-Deemed University, Allahabad (U.P.) during the winter (Rabi) season of 2006-2007. The trial was laid out in a R.B.D. with three different doses of bio-fertilizer with variety Pusa Kesar of Carrot. The various eleven treatment of Azospirillum and Azotobacter @10% solution and 80 kg/ha nitrogen, 60kg phosphorous and 60kg potash recommended dose of fertilizers. On the basis of observed results it may be concluded that 75% yield (281.70q/ha) followed by under the Allahabad condition

Key Words : *Daucus carota* L. (Carrot), Bio-fertilizer and nitrogen performance.