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# Effect of different levels of nitrogen, phosphorus and potassium on floral characters of African Marigold (*Tagetes erecta* L.) cv. PUSA NARANGI GAINDA

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**ABSTRACT :** A field experiment was conducted on African marigold with different levels of fertilizer doses *i.e.* 0 g, 11g and 22g of N<sub>2</sub>, 0 g, 10g and 20g of P<sub>2</sub>O<sub>5</sub> and 0 g, 4 g and 8 g of K<sub>2</sub>O/m<sup>2</sup> at the field of Department of Horticulture, C.C.R. (P.G.) College, Muzaffarnagar (U.P.) during the winter season 2008-2009. Most of the flowering characters were found increased at higher level of N, P and K. By observing the data it can be suggested that 150 kg/ha N<sub>2</sub>, 100 kg/ha P<sub>2</sub>O<sub>5</sub> and 30 kg/ha K<sub>2</sub>O were found suitable dose for the commercial cultivation of African marigold in western plain zone of U.P.

**KEY WORDS :** African marigold, Nitrogen, Phosphorus, Potassium

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