

EFFECT OF ORGANIC MANURES ON FLOWER YIELD OF AFRICAN MARIGOLD (*TAGETES ERECTA L.*) CV. PUSA NARANGI GAINDA

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ABSTRACT

The present investigation entitled **Effect of Organic manures on flower Yield of African Marigold (*Tagetes erecta L.*) CV. Pusa Narangi Gainda** was undertaken at Department of Horticulture, Sam Higginbottom Institute of Agriculture Technology & Sciences. Allahabad, during the year 2012-2013. The experiment was laid out in R.B.D. with three replications and nine treatments separately. Studies showed that, significant effect on fresh weight of flower (9.20gm), (number of flowers per plant (39.75), flower yield per plant (366.02g), flower yield per plot (3.29kg), flower yield per hectare (32.94 t ha⁻¹), maximum gross return (Rs. 329,418 t ha⁻¹), net return (Rs 238,549) and cost of benefit ratio (3.63) was recorded maximum in treatment with T7 (poultry manure) under Allahabad agro climatic conditions.

KEYWORDS: *Tagetes erecta L.*, Flower Yield, Organic Manures