

RESEARCH ARTICLE :

Effect of inorganic fertilizers, vermicompost and bio-fertilizers on floral characters of African Marigold (*Tagetes erecta* L.) Cv. Pusa Narangi

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ARTICLE CHRONICLE :

Received :

22.07.2017;

Accepted :

17.08.2017

SUMMARY : The present experiment was carried out for two consecutive winter seasons (2012-13 and 2013-14) at the horticulture nursery, College of Agriculture, Gwalior. The topography of the experimental area was uniform with adequate irrigation and drainage facilities. In this trial 12 treatments of inorganic and organic was observed and analyzed in Randomized Block Design (RBD) with three replications. An examination of the data recorded for the various aspects of flower characters viz., days taken to flower bud initiation, days taken to flowering, duration of the flowering (days), days to 50% flowering, number of flowers/plant, flower diameter (cm), fresh and dry weight of flower (g), flower yield hectare (q) basis, days to flower senescence in plant were significantly affected by different treatment combinations.

How to cite this article : Dingrodiya, Pooja, Barholia, A.K., Haldar, A., Bhadouria, R.S. and Kumar, S. (2017). Effect of inorganic fertilizers, vermicompost and bio-fertilizers on floral characters of African Marigold (*Tagetes erecta* L.) Cv. Pusa Narangi. *Agric. Update*, **12** (TECHSEAR-9) : 2611-2615.

KEY WORDS:

Inorganic fertilizers,
Vermicompost, Bio-
fertilizers, Flowering,
Marigold

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