



RESEARCH PAPER

Effect of bio-fertilizers on foliage and floral traits of chrysanthemum cv Little Pink

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Abstract : Chrysanthemum (*Dendranthema grandiflora*) is a leading commercial flower crop from asteraceae family grown for cut and loose flowers and also as a pot plant. It is preferred practically due to vast range of shapes and size of flowers, brilliance of colour tones, long lasting floret life, diversity of height and growth habit of the plant, especially hardy nature, relative ease to grow all the year round and versatility of use. Biofertilizers are the multiplied live cells of beneficial strains of micro-organism, are used as biological nitrogen fixers, Phosphate solubilizing, and also used for mineralization of nitrogen and transformation of several elements like sulphur and iron etc. into available forms. The present investigation was conducted at the Horticulture experimental field of Janta College, Bakewar in Complete Randomize Design with 4 treatments and 4 replications. Observations were recorded for vegetative and floral traits upon various biofertilizers treatments viz., T₁: Control, T₂: (FYM 50% + Soil 50% + 2gm PSB @Per pot), T₃: (FYM 50% + Soil 50% + 2gm Azotobacter @Per pot) and T₄: (FYM 50% + Soil 50% + 1gm PSB + 1g Azotobacter@Per pot).

Key Words : Chrysanthemum, Little pink, Biofertilizers, Growth, Floral traits

View Point Article : Dixit, Shashank, Panday, A.K. and Bajpay, Anurag (2021). Effect of bio-fertilizers on foliage and floral traits of chrysanthemum cv Little Pink. *Internat. J. agric. Sci.*, 17 (2) : 162-166 DOI:10.15740/HAS/IJAS/17.2/162-166. Copyright@2021: Hind Agri-Horticultural Society.

Article History : Received : 21.02.2021; Revised : 28.02.2021; Accepted : 13.03.2021

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