

**EFFECT OF BALANCED NUTRITION AND BIO-INOCULANTS ON FLOWER
YIELD AND QUALITY ATTRIBUTES OF CHRYSANTHEMUM
(*DENDRANTHEMA GRANDIFLORA TZVELEV*)**

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Received-13.11.2017, Revised-04.12.2017

Abstract: A field experiment was conducted to know the response of Chrysanthemum (*Dendranthemum grandiflora Tzvelev*) to balanced nutrition with bio-inoculants at the, College of Horticulture, Mudigere during 2015-16. Plants treated with (T₂₂) *Bacillus megaterium* + *Bacillus mucilaginosus*+ MgSO₄ +Micronutrient mixture recorded significantly maximum flowers per plant (100), flower yield per plant (627.20 g), flower yield per plot (61.46 kg), flower yield (30.73 t/ha) and individual flower weight (6.27 g),flower diameter (7.25 cm),number of petals per flower (136.50),shelf life (15.25 days),vase life(22 days) followed by *Azotobacter* + *Bacillus mucilaginosus*+ MgSO₄ + Micronutrient mixture and *Azotobacter* + *Bacillus megaterium*+ MgSO₄ +Micronutrient mixture over the control(RDF) respectively.

Keywords: Chrysanthemum, Bio-inoculants, MgSO₄, Micronutrient mixture, RDF

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