

Research Article

Effect of organic and inorganic fertilizers on growth and yield of gaillardia (*Gaillardia pulchella* cv.D.G.S-1)

■ B.V. SOWMYAMALA AND H.T. NAGARAJU

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MEMBERS OF RESEARCH FORUM :

Corresponding author :
B.V. SOWMYAMALA, College of
Agriculture, V.C. Farm, MANDYA
(KARNATAKA) INDIA

Co-authors :
H.T. NAGARAJU, Department of
Horticulture, University of
Agriculture, G.K.V.K., BENGALURU
(KARNATAKA) INDIA

Summary

A field experiment comprising of 9 treatment combinations with three sources (FYM, pressmud and vermicompost) and two levels of (75 and 100 per cent RDF) of inorganic nutrients was conducted at college of Agriculture, V.C Farm, Mandya during 2006-07. The growth and yield parameters of gaillardia in terms of height (cm), plant spread (cm²), number of branches, days taken for first flowering, diameter of flower(cm), number of harvests, number of flowers per plant and per plot, yield of flowers per plant, per plot and per hectare (t ha⁻¹) increased and days taken for flower bud appearance to opening decreased considerably with 100 per cent recommended dose of fertilizers with pressmud at 10 t/ha. It is therefore, recommended that, to obtain maximum growth, yield and quality, crop should be supplied with 100 per cent recommended dose of fertilizers with pressmud at 10 t/ha.

Key words : Pressmud, FYM, Vermicompost, Growth, Yield parameters

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