



RESEARCH ARTICLE :

Effect of different organic manures, inorganic fertilizers and growth regulator on yield attributes and yield of greengram (*Vigna radiata* L.)

■ PARVATI GADI, JOY DAWSON AND M. SHANKAR

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SUMMARY : The experiment was conducted during *Kharif* 2014-15 at Crop Research Farm, Department of Agronomy, SHAITs, Allahabad to study the effect of organic manures (farm yard manure, vermicompost and poultry manure), inorganic fertilizers (Nitrogen, Phosphorus and Potash) and growth regulator (Gibberellic acid) on yield attributes and yield in green gram, *Vigna radiata* (L.). The experiment was laid out in Randomized Block Design with thirteen treatments in three replications. Application of 10-40-20 NPK kg/ha+10 kg/ha N through poultry manure+GA3 75+75 ppm was recorded significantly maximum number of pods per plant, number of grains per pod, test weight(g), grain yield and straw yield in greengram as compared to the all other treatments .

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KEY WORDS:

Greengram, Inorganic fertilizers, Farm yard manure, Vermicompost, Poultry manure, Gibberillic acid, Yield

Author for correspondence :

PARVATI GADI

Department of
Agronomy, Allahabad
School of Agriculture,
SHIATS, ALLAHABAD
(U.P.) INDIA