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RESEARCH ARTICLE

A study on effect of organic manures on pigeonpea [*Cajanus cajan* L.]

■ Alka Pandey, C. Tiwari and S. K. Singh

SUMMARY

The experiment was conducted at the Rajaula Agricultural Research farm of the Faculty of Agricultural Sciences, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot – Satna (Madhya Pradesh) during *Kharif*, 2018-19. The objective was to find out the best treatment comprising of poultry manure and vermicompost on growth and yield of pigeonpea. In this investigation nine treatments were tested in Randomized Block Design with three replications. Randomly five plants were selected to record the observations on different seven characters. Significantly maximum seed yield/plot (1368.33 g) was recorded under T_8: P_2V_1 (4.0 q/ha Poultry manure +5.0 q/ha Vermicompost) followed by 1328.33-g T_7 P_2V_0 (4.0 q/ha poultry manure +0 q/ha Vermicompost) and over control.

Key Words : Pigeonpea, Poultry manure, Vermicompost, Number of pods, Number of nodules, Seed yield/plant, Yield attributes

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