Effect of land configurations on pigeonpea (*Cajanus cajan* L.) under different bioferilizers

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A field experiment entitled “Effect of land configurations on pigeonpea (*Cajanus cajan* L.) under different bioferilizers” was conducted during kharif season of 2009-10. The experiment was laid out in factorial randomized block design (FRBD) with three land configuration treatments i.e. opening of furrow in each row, opening of furrow in alternate row and flat bed planting and three biofertilizer treatments i.e. Rhizobium inoculation, PSB inoculation and Rhizobium + PSB inoculation. The land configuration treatments viz., opening of furrow in each row and opening of furrow in alternate row were found beneficial for improving growth characters, yield attributes and yield of pigeonpea than flat bed planting. The treatment dual inoculation of Rhizobium + PSB was found beneficial for improving growth characters, yields attributes and yield of pigeonpea than their sole inoculation. Land configuration and biofertilizer level interactions revealed that the treatment of opening of furrow in each row produced significantly highest grain yield with dual inoculation of Rhizobium + PSB over remaining treatment combinations.

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