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Response of pigeonpea to organic and inorganic fertilization

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ABSTRACT : A field experiment was conducted on PKV-TARA pigeonpea during the *Kharif* season of 2009 at Pulse Research Unit, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola to study the effect of integrated nutrient management on yield, quality, available nutrient status and its uptake of pigeonpea. Grain yield and harvest index were significantly increased due to increased level of fertilizer. Incorporation of 5 t. FYM ha⁻¹ enhanced the nutrient status of soil. Seed inoculation of *Rhizobium* + PSB + PGPR significantly improved the quality of seed, available nutrient status and nutrient uptake of pigeonpea.

Key Words : FYM, *Rhizobium*, PSB, PGPR, Nitrogen, Phosphorus, Potassium, Sulphur

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