



Effect of Intercropping and Fertility Levels on Productivity, Quality and Economics of Pigeonpea [*Cajanus cajan* (L.) Millp.]

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Abstract: The pigeonpea + urdbean intercropping system recorded highest seed yield (1792.29 kg ha⁻¹) of pigeonpea as compare to pigeonpea + sorghum intercropping system. Among the fertility level, application of 100% recommended dose of fertilizer (RDF) + 2.5t vermicompost (VC) recorded maximum production (1831.82 kg ha⁻¹) of pigeonpea. The protein yield of pigeonpea was also improved under pigeonpea + urdbean (394.35 kg ha⁻¹) and 100% RDF + 2.5t VC level (432.06 kg ha⁻¹), which is necessary for human and animal health.

Key Words: Fertility levels, Intercropping, Pigeonpea, Quality, Yield
