Effect of nutrient management and biofertilizer on quality, NPK content and uptake of blackgram in medium black soil

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ABSTRACT
A field experiment was conducted at Instructional farm, Junagadh Agricultural University, Junagadh during Kharif season of 2007. The experiment comprised of twelve treatment combinations of three levels of recommended dose of fertilizer (A₀-0% RDF, A₁-50% RDF and A₂-100% RDF) and two levels each of Farmyard manure (F₀- No FYM, F₁- FYM 6 t ha⁻¹). Significantly the 100% RDF + FYM 5 t/ha and biofertilizers inoculation with and without inoculation with Rhizobium sp. + Pseudomonas striata enhanced protein content, nitrogen, phosphorus and potassium content and uptake by blackgram as compared to rest of treatments.

Key words : Nutrient management, Biofertilizers, F.Y.M., Blackgram