



Studies on performance of *Kharif* green gram as influenced by fertility levels and biofertilizers under sub-tropical climate conditions

ROSHAN CHOUDHARY* AND RAJESH CHAUDHARI

Directorate of Research, Maharana Pratap University of Agriculture and Technology,
UDAIPUR (RAJASTHAN) INDIA
(Email : roshan6109@yahoo.co.in)

Abstract : Studies were conducted to determine the effect of fertility levels and bio-fertilizers on yield attributes and yield of *Kharif* green gram [*Vigna radiata* (L.) Wilczek]. Application of 100 % RDF significantly improved yield components of green gram consequently grain and stover yields. Application of *Rhizobium* + VAM inoculation also recorded higher values for different yield attributes as well as seed and stover yields with the maximum gross and net realization. Protein content in seed was not significantly affected due to different fertility levels however, an application of *Rhizobium* + VAM inoculation recorded higher protein content in seed (23.42 %) over control.

Key Words : Bio-fertilizers, Fertilizer level, Green gram, Yield attributes, Yield

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