

Influence of phosphorus, vermicompost and PSB on yield attributes, seed yield and quality of black gram

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■ SWATI R. KADAM, N.K. KALEGORE¹ AND SNEHAL R. PATIL¹

AUTHORS' INFO

Associated Co-author :

¹Department of Agronomy, College of Agriculture, LATUR (M.S.) INDIA

Author for correspondence :

SWATI R. KADAM

Department of Agronomy, College of Agriculture, LATUR (M.S.) INDIA

ABSTRACT : A field experiment was conducted to study the effect of phosphorus, vermicompost and PSB inoculation on growth, yield and quality of black gram during *Kharif* 2011 on the farm of Agronomy department, at college of Agriculture, Latur. The maximum value of yield attributes, seed yield and protein content of black gram was obtained with the application of 75 kg P₂O₅ ha⁻¹. A significant increase in seed yield was recorded with the application of vermicompost @ 2.5 tonne ha⁻¹ combined with PSB inoculation. The higher protein content was recorded with the higher level of phosphorus and combined treatment of vermicompost and PSB inoculation.

Key Words : Phosphorus, Vermicompost, PSB

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