

Research Article

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Effect of bio-fertilizers with different doses of chemical fertilizers on growth and yield of pea (*Pisum sativum* L.)

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Summary

The present investigation was conducted during *Rabi* season of 2007 at the instructional Farm, I.G.K.V., Raipur (C.G). The experiment was laid out in Factorial Randomized Block Design, with three replications. The growth and yield attributes like, shelling per cent, length of the pod, width of the pod, available nutrient (nitrogen, phosphorus, potassium and sulphur) in soil were recorded and found superior with 40 kg P ha⁻¹, 30 kg S ha⁻¹ and with PSB inoculation, as compared to other treatments. It not only increased the green pod yield of pea but also improved the quality of the green pea but also improved the soil health and sustained the productivity of the crop.

Key words : Shelling, PSB, Inorganic, Chemical-fertilizers, Potassium, Nodule

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