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Effect of sulphur and phosphorus management on growth and yield of chickpea

■ H.K. PATEL, P.M. PATEL[1] AND M.R. PATEL[1]

AUTHORS' INFO

Associated Co-author :
[1]Department of Agronomy, B.A. College of Agriculture, Anand Agricultural University, ANAND (GUJARAT) INDIA

Author for correspondence :
H.K. PATEL
Department of Agronomy, B.A. College of Agriculture, Anand Agricultural University, ANAND (GUJARAT) INDIA
Email : hirenubi@gmail.com

ABSTRACT : A field experiment was conducted to study the effect of sulphur, phosphorus fertilization and PSB inoculation on growth and yield of chickpea (GC-2) during *Rabi* season of the year 2002. The results revealed that sulphur application significantly influenced growth and yield attributing characters over control treatments *viz.*, plant height, number of branches plant^{-1}, number of nodules plant^{-1}, dry weight of nodules plant^{-1}, number of pods plant^{-1}, grain yield plant^{-1}, grain and straw yields. While, maximum improvement in yield attributes was achieved upto application of 20 kg S ha^{-1}. Phosphorus management treatment either through application of 25 kg P_2O_5 ha^{-1} or combine application of 25 kg P_2O_5 ha^{-1} + PSB gave significant results on growth and yield attributes. Application of 20 kg S ha^{-1} and 25 kg P_2O_5 ha^{-1} + PSB to chickpea recorded maximum grain yield.

Key Words : Sulphur, Phosphorus, PSB, Chickpea

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