

Effect of levels and sources of sulphur on seed yield and quality of summer green gram

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ABSTRACT

An experiment was conducted to study the effect of levels and sources of sulphur on yield and quality of green gram during *summer* season of the year 2006. The results revealed that sulphur levels significantly influenced on quality parameters, growth and yield attributes *viz.*, plant height at 40 DAS and at harvest, number of branches plant⁻¹, seed and straw yields and protein content, as well as chemical parameters such as uptake of S showed the similar trend. Application of different sulphur sources significantly increased the quality parameters, growth and yield attributes. These attributes were increased with increase in the application of gypsum. Chemical parameters *viz.*, uptake of S by seeds was also increased with the application of gypsum. Application of 30 kg S ha⁻¹ from gypsum (GY) to summer green gram recorded maximum seed yield and net realization.

Key words : Sulphur sources, Sulphur levels, Green gram

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