

Suitability of sulphur and molybdenum on quality and yield of fenugreek on sandy loam soil of Rajasthan

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ABSTRACT : A field experiment was conducted during *rabi* season of 2011-12 on sandy loam soil to study the suitability of sulphur and molybdenum on quality and yield of fenugreek. Results indicated that application of sulphur @60 kg/ha and molybdenum @1.5 kg/ha significantly increased the nitrogen, sulphur, molybdenum and their uptake, protein content, seed, straw and biological yield and it remained at par with the application of sulphur @40 kg/ha and molybdenum @1.0 kg/ha over rest of treatments. However, the molybdenum and sulphur content in straw unchanged under different levels of sulphur and molybdenum. Based on results of one year experimentation, it was concluded that application of sulphur @40 kg/ha and molybdenum @1.0 kg/ha recorded significantly increase in the N, S content and their uptake, protein content and seed yield (15.36 and 15.22 q/ha) of fenugreek.

Key Words : Fenugreek (methi)(*Trigonella foenum-graecum*), molybdenum, protein, sulphur, quality-yield.