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The effect of *Rhizobium* inoculation and chemical fertilization on seed quality of fenugreek'

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Abstract

Proximate composition and quality of seeds of two fenugreek cultivars were examined for their response to inoculation, nitrogen fertilization and/or molybdenum application in two field experiments. Mo significantly ($p \leq 0.05$) increased 1000-seed weight and protein content of seeds. N had no significant effect on the quality of the seeds. Inoculation significantly ($p \leq 0.05$) increased fat, fibre and protein contents. The results indicate that fenugreek inoculation with compatible and effective rhizobia can improve the seed composition and quality.

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