



RESEARCH ARTICLE

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Evaluation of soil and foliar application effects of nitrogen on yield attributes of lentil (*Lens culinaris* M.) under teak based agri-silviculture system

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ABSTRACT : In order to study the effects of soil and foliar application of nitrogen on yield attributes of Lentil (*Lens culinaris*, M.) under Teak based, an experiment was carried out at SHIATS, Allahabad, U.P., India during 2015- 2016 growth season. An experiment based on a Randomized Block Design with three replications was used. Nitrogen treatments included eight levels with Control, traits including plant height, number of pods/ plant, number of seeds/ pod, 1000 seed weight, seed yield and stover yield were measured. Analysis of variance showed that they were statistically significant. Basal application of N (98.5%) + foliar spray 1.5 % N significantly increases the yield parameters.

KEY WORDS : Lentil, Basal application, Foliar application, Nitrogen, Urea

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