

Influence of Intergrated Nutrient Management on Growth and Yield of Fenugreek (*Trigonella foenum-graecum* L.)

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ABSTRACT

A field experiment was conducted at Regional Agricultural Research Station, Lam during 2000-01 to study the response of fenugreek (*Trigonella foenum – graecum* L.) to certain integrated nutrient management treatments. The study revealed that combined application of inorganic, organic and biological sources of nutrients (T_1 – 100% RDN + FYM @ 5 t ha⁻¹+ *Azospirillum*, T_2 – 75% RDN + FYM @ 5 t ha⁻¹+ *Azospirillum*, T_3 – 50% RDN + FYM @ 5 t ha⁻¹+ *Azospirillum*) recorded significantly superior grain yields of Fenugreek over control with superior plant growth characters and yield attributes such as plant height, number of pods per plant and length of pod.

Key words: Fenugreek, Integrated Nutrient Management.