

Effect of nitrogen and phosphorus levels on seed yield and quality of fenugreek

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ABSTRACT

An experiment entitled, effect of nitrogen and phosphorus levels on seed yield and quality of fenugreek, was carried out at the main Garden, University Department of Horticulture, Dr. PDKV, Akola (M.S.) with 25 treatments. The treatments were comprised of five levels of nitrogen *i.e.* 0, 30, 60, 90 and 120 kg ha⁻¹ and five levels of phosphorus *i.e.* 0, 15, 30, 45 and 60 kg ha⁻¹. The experiment was laid out in Factorial Randomized Block Design with three replications. The result of present investigation indicated that, the seed yield in terms of pods per plant, seeds per pod, weight of seeds per pod, seed yield per plant, seed yield per plot and seed yield per ha was found to be increased with an increasing level up to 90 kg nitrogen and 45 kg phosphorus per ha. The graded seed yield determining the seed quality and test weight have recorded the higher values with an application of 90 kg nitrogen and 60 kg phosphorus per ha.

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