Effect of graded levels of nitrogen and seed rate on yield and yield parameters of fenugreek (*Trigonella foenum-gracum* Linn) cv. RMT-1

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ABSTRACT

An experiment with different graded levels of nitrogen and seed rate was carried out on fenugreek at Department of Horticulture, Marathwada Agricultural University, Parbhani (M.S.). Highest pod setting (6.87) was observed by treatment of 20 kg/ha seed rate along with no nitrogen. While treatment of 40 kg/ha seed rate and 75 kg N/ha recorded highest number of pod per plant (27.17), maximum weight of 100 pod (30.33g), maximum number of seed per pod (16.1) and maximum seed yield per pod (0.167 g). Where as highest weight of 1000 seed (11.14 g) was recorded by treatment of 30 kg seed rate/ ha along with 100 kg N/ha.

Key words: Fenugreek, Seed rate, Nitrogen