

Evaluation of Maize Varieties against Stunt Nematode *Tylenchorhynchus mashhoodi* under Nethome Conditions

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ABSTRACT

A field experiment was conducted on Screening of maize varieties against stunt nematode, *Tylenchorhynchus mashhoodi*, eight maize varieties Shaktiman-1, Shaktiman-2, Shaktiman-3, Shaktiman-4, Shaktiman-5, Laxmi, Dewaki, Ganga safed-2 seeds received from T.C.A., Dholi, Dr. Rajendra Prasad Central Agricultural University, Bihar, Pusa, were evaluated for their reactions to stunt nematode using Completely Randomized Design (CRD) with 5 replications in net house at 8 – 29 °C temperature during *rabi* season 2018-2019. Observations were recorded on plant height, fresh shoot and root weight and final nematode population in each pot. The results revealed that six varieties were found to be susceptible whereas shaktiman-4 and Ganga safed-2 were highly susceptible to stunt nematode.

Keywords: *Fresh shoot and Root weight, Maize, Plant height, Tylenchorhynchus mashhoodi.*