PATHOGENICITY OF *ROTYLENCHULUS RENIFORMIS* ON *HELIANTHUS ANNUUS* (CV. MOR DEN)

Suruchi Tyagi, Sunaina Singh

Department of Botany, M.M.H. College, Ghaziabad – 201 001 (U.P.)

ss.sunaina @rediffmail.com

**Abstract:** An experiment was conducted under glass house condition to determine the pathogenicity effect at different inoculum levels on sunflower (*Helianthus annuus*) Cv. Morden. Observation recorded after 75 DAI (Days after inoculation) revealed that all growth parameters were decreased with increasing inoculum levels except the lowest one (500 nematodes/kg soil). Reduction in plant growth parameters was more pronounced at 8000 inocula level in comparison to control. Significant reduction in nematode population was observed among different inoculum levels at crop maturity.

**Keywords:** *Helianthus annuus*, Pathogenicity, *Rotylenchulus reniformis*

**REFERENCES**


