

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

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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*

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