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BIOLOGICAL CONTROL OF *MELOIDOGYNE JAVANICA* ON TOMATO AND OKRA IN SOIL INFESTED WITH *FUSARIUM OXYSPORUM*

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Abstract

Presence of *Fusarium oxysporium* f. sp. *lycopersici* inoculum in soil which produced mortality and growth retardation in tomato also reduced gall formation by *Meloidogyne javanica* on tomato and okra plants. Biocontrol agents viz., *Trichoderma harzianum, T. koningii* and *Gliocladium virens* were found effective in the control of *Meloidogyne javanica* on tomato in natural soil but not in soil artificially infested with *Fusarium, Bradyrhizobium japonicum* and *Paecilomyces lilacinus* both in natural and *Fusarium* infested soil on both okra and tomato plants whereas *Rhizobium meliloti* was effective in natural soil on okra and tomato and in*Fusarium* infested soil on okra.