

Interaction of *Meloidogyne incognita* and *Rhizoctonia solani* on French bean

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ABSTRACT : A pot experiment was conducted to study the interaction of *Meloidogyne incognita* and *Rhizoctonia solani* on French bean in the net house of Department of Nematology, Assam Agricultural University, Jorhat. The results revealed that the dual inoculation treatments significantly decreased plant growth parameters over single inoculation treatments. Simultaneous inoculation of *M. incognita* and *R. solani* showed maximum reduction in plant growth parameters of French bean. However, the number of galls, eggmass and eggs per eggmass and final nematode population was found maximum in single inoculation treatment than dual inoculation treatments. The highest nematode population and number of galls, eggmasses and egg per eggmass were observed in the treatment with *M. incognita*.

Key Words : French bean, interaction, *Meloidogyne incognita*, *Rhizoctonia solani*.