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Studies on *Aphelenchoides besseyi* (Christie, 1942) on prosomillet and fungi favoring their development

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ABSTRACT : Foliar nematode, *Aphelenchoides besseyi* is of great concern in millet productions. The genus *Aphelenchoides* has a very wide host range especially in cereals. Mode of seed transmission with associative fungal genera have significant role in nematode feeding and movement in the host tissues being fungivore in nature. Highest incidence of *A. besseyi* have been noticed in abnormal seeds stored for four years as compared to apparent healthy once of the same duration. The germplasm TNAU-194 (174N) harboured high incidence of *A. besseyi*. *A. besseyi* infested seeds harboured *Alternaria alternata* and *Curvularia lunata* were found most suitable for *A. besseyi* reproduction where as others were poor to very poor in nematode reproduction.

Key Words: *Alternaria,Curvulria, Aphelenchoides besseyi*, prosomillet, fungi infestation