

Host range and Host Age on Susceptibility and Survival of *Colletotrichum Dematium* Causing Blight of Chickpea (*Cicer arietenum* L.)

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ABSTRACT

Among the leguminous hosts tested, greengram, blackgram, redgram, clusterbean and cowpea expressed susceptible reaction where as soybean, horsegram and beans expressed highly susceptible reaction to *colletotrichum dematium*. Investigations on plant age on susceptibility revealed that all the growth stages are susceptible to pathogen infection and maximum Percent Disease Index (71.28%) was observed on twenty one day old plants. The survival studies revealed that the fungus survived up to 150 days in sterilized soil and upto 125 days in unsterilized soil.

Key words : *Colletotrichum dematium*, Host age, Host range, Percent Disease Index, Survival