

Variability among the isolates of *sclerotium rolfsii*  
associated with collar rot disease of chickpea in  
Pakistan

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**Abstract**

Variability among 12 isolates of *Sclerotium rolfsii* Sacc collected from various localities of chickpea growing areas of Punjab province was studied. The isolates varied in colony morphology, mycelial growth rate, sclerotium formation, and sclerotial size and color. Variability among the isolates of *S. rolfsii* was determined on the basis of their sensitivity to different fungicides. Mycelial incompatibility among the isolates was also studied, and out of 66 combinations, only 26 combinations (39%) showed compatible reactions. Based on mycelial compatibility, 39% vegetative compatibility groups (VCG) were identified among the isolates.

**Keywords:** *Sclerotium rolfsii*, isolates, variability