New Agriculturist, **25**(1) : 13–20, 2014

In-vitro characterization of biocontrol potential of *Trichoderma* isolates

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Received January 11, 2014 and Accepted March 30, 2014

ABSTRACT : The variability in the biocontrol potential of *Trichoderma* spp. is a consequence of its colonization in different agroclimatic zones. Thus in this study was focused on isolation and screening out robust isolates of *Trichoderma* spp. from various district of Uttar Pradesh that could be useful in biological control of three prevalent sclerotia forming soilborne plant pathogens namely *Rhizoctonia solani*, *Sclerotium rolfsii* and *Sclerotinia sclerotiorum*. 80 isolates of *Trichoderma* spp. *R. solani* was maximally inhibited by *Trichoderma* isolates BHU-150, while *S. rolfsii* and *S. sclerotiorum* were largely by BHU-51 isolate.

Key Words: *Trichoderma* spp., biocontrol, *R. solani*, *S. rolfsii*, *S. sclerotiorum*