

# Development of a Trichoderma formulation for management of root diseases in cotton

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An indigenous isolate of *Trichoderma harzianum* (isolate CICR-G) naturally occurring as a mycoparasite on a tree-pathogen *Ganoderma* sp. From Nagpur has been isolated, purified and identified by molecular tools. This novel isolate of *Trichoderma* is highly effective *in vitro* and in green house against the cotton root pathogen *Sclerotium delphinii*. The isolate conidiates profusely within 3 days which is an added advantage for formulation development. A talc-based formulation (TrichoCASH 1% WP) with high colony forming units (more than 10 per g) has been developed for field testing.



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