

RESEARCH PAPER

# Effect of *Pseudomonas fluorescens* and *Trichoderma* spp. on growth, yield and stem rot disease of groundnut

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Effect of *Pseudomonas fluorescens* and *Trichoderma* spp. on stem rot of groundnut incited by *Sclerotium rolfsii* was evaluated in a field experiment conducted during *Kharif*, 2014-15. Combined seed treatment with tebuconazole, *P. fluorescens* and *Trichoderma* spp. in conjunction with application of *P. fluorescens* and *Trichoderma* spp. to soil and, the treatment in which both, *P. fluorescens* and *Trichoderma* spp were altogether inoculated to seed and soil significantly reduced the intensity and incidence of stem rot disease in groundnut. These two treatments also augmented seed germination, shoot length, branching, dry plant weight and dry pod yield significantly.

**Key words :** *Pseudomonas fluorescens*, *Trichoderma* spp., *Sclerotium rolfsii*, Stem rot of groundnut

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