

RESEARCH ARTICLE

Effect of fungicides, plant extracts and bioagents on inhibition of uredospore germination of *Puccinia arachidis* spg.

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ABSTRACT

The present investigation was undertaken during the *Kharif* season of year 2010-11 at the farm of Plant Pathology Section, college of Agriculture, Nagpur for testing the effect by integrating fungicides, plant extract and bioagents against rust disease (*Puccinia arachidis* Speg.) of groundnut. The result of present investigation revealed that all the treatments significantly inhibit uredospore germination. Difenconazole shows maximum inhibition of uredospore germination of rust disease followed by Propiconazole and Hexaconazole. Regarding plant extract and bioagents, NSKE proved better than *Trichoderma harzianum* and *Pseudomonas fluorescens*. Similar results were found in yield parameter also.

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