

Phytotoxins of *Ascochyta cypericola* causing leaf blight of *Cyperus rotundus* L.

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SUMMARY

Phytotoxin/s production by *Ascochyta cypericola* causing leaf blight of *Cyperus rotundus* was studied by growing the fungus in varied media and conditions. The culture filtrates, their ethyl acetate extracts exhibited toxicity. The extracts on TLC resolved into an array of components of which one was purified and identified as *p*-hydroxy phenyl propionate by IR, protonNMR and ¹³CNMR spectroscopy. Even the release of the toxin by spores during germination is reported.

Key Words : *Ascochyta cypericola*, *Cyperus rotundus*, Phytotoxins

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