

## Evaluation of antifungal activity of aqueous extracts of two asteraceous plant species

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### **Abstract**

The antifungal activities of shoot and root extracts of two Asteraceous plants species viz. *Parthenium hysterophorus* L. and *Ageratum conyzoides* were determined against *Macrophomina phaseolina* (Tassi) Goid., the cause of charcoal rot disease of sunflower (*Helianthus annuus* L.). A measured reduction in *M. phaseolina* biomass was observed due to aqueous extracts of different concentrations. Lowest concentration of 2% of both root and shoot extract of *P. hysterophorus* markedly suppressed the biomass. Whereas in case of *A. conyzoides* 4% of both root and shoot extract was proved most effective.

**Key words:** *Parthenium hysterophorus*, *Ageratum conyzoides*, antifungal activity, *Macrophomina phaseolina*