



## **FUNGITOXIC EFFECTS OF PLANT EXTRACTS AGAINST *ALTERNARIA* BLIGHT IN *BRASSICA CAMPESTRIS* VAR. B.S.H-1.**

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**Received:** 24-01-2012

**Accepted:** 26-03-2012

Methanol soluble leaf extracts of five plant species were used for controlling the leaf spot disease, *Alternaria* Blight in oil yielding crop plant *Brassica campestris* var. B.S.H-1 in lab conditions. The fungal spores of *Alternaria brassicae* were cultured on Czapek Dox Agar medium mixed with leaf extracts of five wild plants and growth of the fungal mycelium was observed by measuring the size of fungal colony. Inhibition of mycelium growth increased with increasing concentration of various leaf extracts. Leaf extracts of all the five plant species showed an inhibition of the growth of test fungus, but leaf extract of *Lantana camara* show maximum reduction of fungal colony i.e. up to 66.66% at 80% concentration and minimum reduction of fungal colony was noticed in leaf extract of *Ricinus communis* i.e. 57.13% at the same concentration. At 20% leaf extract concentration maximum reduction was noticed in *Cassia tora* leaf extract i.e. 31.64% and minimum in *Ricinus communis* leaf extract i.e. 20.73%.