



Inhibitory Effect of Plant Extracts on Root Rot fungi of Soyabean (*Glycine max*)



M. S. Wadikar and R. K. Nimbalkar*

Dept. of Botany, Vinayk Rao Patil College, Vaijapur, Dist. Aurangabad MS

*Dept. of Zoology, Vinayk Rao Patil College, Vaijapur, Dist. Aurangabad MS

E-Mail: drmswadikar@gmail.com

Abstract :

Experiments were carried out to test the aqueous plant extracts of four plants for their inhibitory activity against *Fusarium solani* and *Rhizoctonia solani* of soyabean causes root rot diseases. A comparison between *in vitro* activity of *Lantana camara*, *Tridax procumbens*, *Leucas zeylanica* and *Hyptis suaveolens*, leaf extract against these two soil borne fungi were investigated. Four plant extracts for their inhibitory activity gave a significant control of two pathogenic fungi at various concentrations i.e. 25, 50, 75 and 100 percent respectively.

Keywords : Aqueous plant extracts, *Fusarium solani*, *Rhizoctonia solani*, Soyabean.