MANAGEMENT OF CHOANEPHORA LEAF BLIGHT (CHOANEPHORA INFUNDIBULIFERA) IN SOYBEAN (IN-VITRO CONDITION)

Kunjlata Verma

Department of Plant Pathology, Indira Gandhi Krishi Vishwavidyalay Raipur, (C.G.)

Abstract : Out of fourteen medicinal plant leaf extracts, Citrus and Eucalyptus inhibited significantly the radial growth of *C.infundibulifera*. *Trichoderma viride* was not effective in inhibiting the mycelial growth of *C.infundibulifera*. Complete inhibition of radial growth of *C.infundibulifera* was observed with M2 and Sixer *in-vitro* evaluation of fungicides and out of 66 varieties of soybean screened, 7 varieties showed Absolutly resistance 43 were Highly resistance and 16 were found Moderately resistance.

Keywords: Choanephora infundibulifera, medicinal leaf extract, fungicides, bioagent, screening

REFERENCES

Olufola ji, D.B. (1999). Control of wet rot disease of Amaranthus sp. Caused by Choanephara cucurbitarum with extraxt of Azadirachta indica(neem). Journal of Sustainable Agriculture and the Environment. 1(2):183-190.

Panja, B.N. (1999). Relative efficacy of different fungicide in vitro and in field for controlling twing

blight disease of chilli caused by *Choanephora cucurbitarum* (Berk and Rav.) Thaxter economically. Plant Protection-Bulletin Faridabad. **51**(1/2): 17-19. **Gunasekara, S.A. and Shanthichandra,W.K.N.** (1989). Chemical control of Choanephora blight of winged bean flowers. *Mycological Research*.92(2): 240-242.