

A STUDY OF EFFECT ON DIFFERENT MEDIA PATHOLOGICAL STUDIES ON ANTHRACNOSE OF CHILLI (*CAPSICUM ANNUM L.*)

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Received-05.07.2016, Revised-22.07.2016

Abstract: Anthracnose caused by *Colletotrichum capsici* is a common and sever disease of Chilli (*Capsicum annum L.*) keeping in view seriousness and importance of the disease, a chemical control trial was conducted at Student Research Farm, Pilikothi, Jaunpur. A highly susceptible variety (local variety) was sown in 3 x 2m plots in Randomized Blok Design with three replications. Six fungicides, viz., Bavistin (0.10%), Vitavax (0.10%), Topsin-M (0.15%), Blitox-50(0.20%), IndofilM-45(0.20%) and Sulphur (0.20%) were sprayed. All the treatment was significantly superior over control. Bavistin was best for the control of the disease followed by Vitavax and Topsin-M which were significantly at par with other. The remaining fungicides were also significantly superior in decreasing disease incidence and increasing the yield in comparison to control.

Keywords: *Capsicum annum*, Chilli, Pathological studies

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