

## **Studies on the status of dieback and fruit rot disease of chilli and its pathogen, *Colletotrichum capsici* under different Agro-ecological conditions of Kashmir**

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**ABSTRACT :** An extensive survey of three important chilli growing districts viz. Srinagar, Pulwama and Budgam of Kashmir valley was carried out. The disease incidence on chilli at pre-flowering, fruit-set and maturity stages during 2010 and 2011 cropping seasons in surveyed fields was 23.51, 34.90 and 58.30 per cent with intensities 11.44, 18.41 and 26.74 per cent, respectively. Similarly on fruits, the fruit rot incidence at fruit set and fruit maturity in surveyed fields during 2010 and 2011 was 33.90 and 73.37 per cent with intensities of 15.50 and 37.68 per cent, respectively. Host range studies on tomato, brinjal, bell pepper and French bean, solanaceous crops showed susceptible reaction against *C. capsici*.

**Key Words :** Dieback, fruit rot and host range.