

A REVIEW ON COLLETOTRICHUM BLIGHT OF CHICKPEA IN ANDHRA PRADESH

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ABSTRACT

Chickpea is severely affected by Colletotrichum blight caused by Colletotrichum dematium (Persoon) Grove. and Colletotrichum capsici (Sydow) Butler and Bisby. In some of the major chickpea growing areas of Kurnool, Prakasam and Anantapur districts of Andhra Pradesh during rabi 2009 and 2010 due to heavy unusual rains, resulted in failure of the crop in many areas and led to re-sowing of crop in some areas. There is no research on Colletotrichum blight of chickpea in Andhra Pradesh as the disease occurred in severe form in recent years. Hence an attempt was made to study on the disease in which, A total of seven isolates of Colletotrichum blight pathogen were collected from major chickpea growing areas of Kurnool, Anantapur, Prakasam, Kadapa and Nellore districts of Andhra Pradesh. Variability among seven isolates of Colletotrichum capsici causing blight in chickpea with respect to morphological and cultural characteristics was studied. Genetic diversity at molecular level among isolates was studied using molecular technique like RAPD. Management of pathogen by fungicides and bio-control agents was also studied.

KEYWORDS: Colletotrichum dematium (Persoon), Colletotrichum capsici (Sydow)

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