

RESEARCH ARTICLE

Incidence, yield losses and symptomatology of sclerotinia stem rot (SSR) of Indian mustard (*Brassica juncea* L.) incited by *Sclerotinia sclerotiorum*

■ Irfan Khan, Pokhar Rawal and Roop Singh

SUMMARY

SSR hamper successful cultivation and causes significant yield losses globally including India. The SSR disease incidence ranged from 3.59 to 18.50 per cent in mustard growing areas of Rajasthan and Bhartpur district having the highest (18.50%) disease incidence. However, the Udaipur district had the lowest (3.59%) disease outbreak. SSR was responsible to cause 18.80 per cent overall yield losses in two consecutive years (rabi 2016-17 and 2017-18). Highest yield loss (43.82%) was observed from Bhartpur district while minimum yield loss (3.51%) had recorded from Udaipur district. Characteristics symptoms, formation of white mycelium on host stem and development of sclerotia on/inside the stem, of SSR on mustard crop were noted during survey.

Key Words : Incidence, Sclerotinia, Yield loss, Mustard

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

Irfan Khan, Department of Plant Pathology, Rajasthan College of Agriculture, Udaipur (Rajasthan) India
Email : kkirfan786@gmail.com

Address of the Co-authors:

Pokhar Rawal, ICAR-AICRP on Sorghum, Directorate of Research, Maharana Pratap University of Agriculture and Technology, Udaipur (Rajasthan) India

Roop Singh, Department of Plant Pathology, Rajasthan College of Agriculture, Udaipur (Rajasthan) India