



RESEARCH PAPER

Prevalence of downy mildew of pearl millet in Northern region of Madhya Pradesh

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Abstract : The present studies were conducted at Research Farm, College of Agriculture, Gwalior during *Kharif* season. Gwalior is situated in Northern part of Madhya Pradesh at an elevation of 211.52 meters from mean sea level and lies between latitude and longitude 26° 14' North and 78° 15' East, respectively. That majority of the surveyed fields were free from downy mildew. Two locations of Morena (Kailaras and Jigni), four of Bhind (Akoda, Ron, Mehgaon and Ater) and five of Gwalior (Utila, Maharajpur, Nagor, Hasinapur and Ghatigaon) were free from downy mildew, while its maximum incidence was recorded in Ambah (5.0%) followed by Phoof (4.0%), Porsa (2.33%), Bandholi (2.0%), Lahar (1.67%), Joura (1.0%), Sabalgarh (1.0%), Sonsa (1.0%), Barai (1.0%), Dimni (0.67%), Morenagaon (0.5%), Gormi (0.33%) and Birkhedi (0.33%). The mean incidence of downy mildew in Morena, Bhind and Gwalior was 1.31, 0.79 and 0.5 per cent, respectively.

Key Words : Downy mildew, Bajra, Pearl millet, Rainfed conditions, Drought tolerance

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