RESEARCH ARTICLE

SURVEY AND SURVEILLANCE OF WHEAT POWDERY MILDEW IN MAJOR GROWING AREAS OF NORTHERN HILLS AND PLAINS, INDIA

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Abstrct: Powdery mildew is very important foliar disease of wheat among major wheat growing areas of northen hills and plains in India which results in huge economic loss. Disease first appear on the lower leaves,varied in appeerence depends on the location and continue to produce white mycelial growth on all plant parts up to the maturity of crop. Survey results revealed that the disease severity of powdery mildew in all the wheat growing areas of northern part of India is low to moderate (0 to 7). The disease severity was varied among different stage of the crop and places to grown but there was no significant difference among the cultivation practices. Maximum disease severity grade was recorded in Dhaulakuan district *i.e* 6 in 2012-13 and 7 in 2013-14, whereas minimum disease severity was recorded in Ludhiana, Ambala and Kaul i.e. 3 and 2 during the year 2012-13 and 2013-14, respectively.

Keywords: Powdery mildew, Northern hills, Survey, Wheat

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