

Research Article**Screening of *Triticum durum*- *Aegilops speltoides* Inter-specific Introgression Lines against Foliar Blight Caused by *Bipolaris sorokiniana*****Nidhi Mittal, Jaspal Kaur, and Parveen Chhuneja***Department of Plant Breeding and Genetics, School of Agricultural Biotechnology, Punjab Agricultural University, Ludhiana-141 004; Email: jassu75@pau.edu***Abstract**

Wild relatives of wheat have immense variability for all the major diseases of wheat. An S-genome species *Aegilops speltoides* was crossed with *Triticum durum* and F₁ was backcrossed twice. A set of backcross introgression lines so developed were screened in the present study for resistance against leaf blight pathogen, *Bipolaris sorokiniana* both under growth room and pot house conditions. Detached leaf and spray inoculation methods were used for evaluation of the inter-specific introgression lines. Out of the fifty lines, three lines namely DS169, DS174 and DS179 showed the least disease severity. These resistant introgression lines comprise a resource for germplasm enhancement of the cultivated wheat for leaf blight resistance.

Key words: *Aegilops speltoides*, *Bipolaris sorokiniana*, foliar blight, *Triticum durum***Citation:** Mittal Nidhi, Kaur Jaspal, and Chhuneja Parveen. 2017. Screening of *Triticum durum*- *Aegilops speltoides* inter-specific introgression lines against foliar blight caused by *Bipolaris sorokiniana*. *J Mycol Pl Pathol* 47 (1): 56-60.