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RESEARCH PAPER

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Screening of Diploid cotton genotypes against *Fusarium oxysporum* f.sp. *vasinfectum*

■ D.H. SARNOBAT* AND K.B. PAWAR

Plant Pathology Section, College of Agriculture, PUNE (M.S.) INDIA

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*Corresponding author:

Email: dhanu.dhemre@rediffmail.com

ABSTRACT

Cotton wilt incited by *Fusarium oxysporum* f.sp. *vasinfectum* is one of the most serious disease inflicting unaccountable quantitative as well as qualitative losses. A total of 310 diploid cotton genotypes were evaluated under glasshouse and field conditions. Results showed that all the genotypes screened, exhibited varied degree of reactions against *F. oxysporum* f.sp. *vasinfectum*. Among 310 *Diploid* cotton genotypes, only six showed resistant reaction and twenty genotypes showed moderately resistance reaction in seedling resistance reaction. Out of these 26 cotton genotypes, 8 genotypes showed resistant reaction in Adult Plant Resistant Test.

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