



RESEARCH ARTICLE :

Screening of safflower germplasm/advanced material /parental lines against major disease *Alternaria* leaf spot

■ S.V. PAWAR, S.B. GHUGE, V.M. GHOLVE AND D.S. SUTAR

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SUMMARY : A field experiment with two replications was conducted at the All India Co-ordinated Research Project (AICRP) on oilseeds Safflower at Vasantnao Naik Marathwada Krishi Vidhyapeeth (VNMKV) Parbhani, Maharashtra (India) for the screening of different safflower germplasm/advanced material /parental lines against major disease *Alternaria* leaf blight. The experiment was conducted with four checks in the year *Rabi* 2016. Significant differences in resistance to the disease was found in the germplasm/advanced material /parental lines tested. Among the 16 lines, 12 lines registered tolerant, 2 lines registered susceptible and 2 lines showed highly susceptible reaction against *Alternaria* leaf spot. This study concludes that screening of safflower germplasm/advanced material /parental lines for resistance/tolerance to the disease *Alternaria* leaf spot is an important step in developing varieties/hybrids.

KEY WORDS :

Safflower germplasm, *Alternaria*, Leaf spot

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Author for correspondence :

S.V. PAWAR

All India Co-ordinated
Research Project on
Safflower, Vasantnao
Naik Marathwada Krishi
Vidhyapeeth, PARBHANI
(M.S.) INDIA
Email : pawarsv99@
gmail.com

See end of the article for
authors' affiliations