RESEARCH ARTICLE

PERFORMANCE OF GARLIC GENOTYPES FOR THRIPS AND PURPLE BLOTCH RESISTANCE

Asiya Kowser, R[1], Amarananjundeswara, H[2], Doddabasappa, B[3], Aravinda Kumar, J. S[4], Veere Gowda, R[5], Soumya Shetty[2], Sandhya G. C[2] , Prasad P. S[2]. and Lavanya V.[1]

[1]Department of Vegetable Science, College of Horticulture, Kolar, Karnataka, India
[2] Horticulture Research and Extension Station, Hassan,Karnataka, India
[3]Department of Entomology, College of Horticulture, Kolar, Karnataka, India
[4] Department of Vegetable Science, College of Horticulture, Mysore, Karnataka, India
[5] ICAR- Division of Vegetable Science, IIHR, Bangalore, Karnataka, India
Email: amar.horti@gmail.com

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Abstract: A field experiment was conducted to screen the different garlic genotypes against thrips infestation at Department of Vegetable Science, College of Horticulture, Kolar during *Rabi* season of 2016-17. Out of twenty six genotypes, Yamuna Safed, Ranebennur Local, Jamnagar Local, Mandsaur Local, GN-14-01, Ooty Local and Baram Local-06 were recorded thrips population less than 6.93 per plant and were categorized as resistant. While, genotypes *viz*., Bhima Purple, Yamuna Safed-2, Yamuna Safed-3, Yamuna Safed-4, Yamuna Safed-5, Yamuna Safed-8, Yamuna Safed-9, Baram Local-06, Jamnagar Local, Mandsaur Local, Ranebennur Local, Ooty Local, GRS-1330, GN-14-25, GN-14-15, DWG-2 and DWG-1 (check) were found to be resistant against purple blotch disease.

Keywords: Garlic, Genotypes, Thrips, Purple blotch

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*Corresponding Author