



Research Paper

Article history :

Received : 27.09.2013

Revised : 11.11.2013

Accepted : 28.11.2013

Screening for yellow vein mosaic virus resistance of okra under Hyderabad conditions

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ABSTRACT : A field experiment was carried out to screen for yellow vein mosaic virus resistance on okra involving eleven entries which include two susceptible and two resistant checks. The per cent plant infection and the reaction of the genotypes were assessed based on the disease incidence. It was observed that in both the years, the entry VRO-6 has recorded mild incidence of YVMV (2.6 %) and the entry Akola Bahar has shown severe intensity of disease (63.9 %) more than the incidence of resistant and susceptible checks. With respect to the fruit yield, it was observed that the entry JOL-2K-19 and VRO-6 have recorded maximum yield. Hence, among the entries screened for YVMV, it can be concluded that the entry VRO-6 and JOL-2K-19 were found to be promising in terms of mild YVMV incidence and maximum fruit yield.

KEY WORDS : Okra, Yellow vien mosaic virus, Mild, Severe, Yield

HOW TO CITE THIS ARTICLE : Vijaya, M. and Joshi, Veena (2013). Screening for yellow vein mosaic virus resistance of okra under Hyderabad conditions. *Asian J. Hort.*, **8**(2) : 763-766.