

RESEARCH ARTICLE

Screening of germplasm against yellow mosaic virus disease of soybean

■ M. Swathi and Neeta Gaur

SUMMARY

The field screening of soybean germplasm against yellow mosaic virus disease was conducted at Norman E. Borlaug Crop Research Centre, G. B. Pant University of Agriculture and Technology, Pantnagar during *Kharif*, 2015 and 2016. The per cent disease incidence was varied from 0 to 58 among the tested germplasm lines. The highly resistant germplasm lines were DS 3101, PS 1550, SL 955, SL 983 and UPSM 534. Based on the disease reaction, the germplasm lines categorized as highly resistant (20.83%) relatively resistant (12.5%), moderately resistant (4.17%), moderately susceptible (12.5%), susceptible (33.33%) and highly susceptible (16.67%).

Key Words : YMD, Germplasm, Whitefly, Soybean

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