

***Mungbean* Yellow Mosaic Infection and Biochemical Variability in Blackgram Genotypes**

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ABSTRACT

Mungbean yellow mosaic disease varied from 3.73 (DKU-87) to 96.15% (LBG-623) in 16 blackgram [*Vigna mungo* (L.) Hepper] genotypes tested. Of the 16 genotypes nine genotypes were categorised as resistant, one as moderately resistant, four genotypes as susceptible and two as highly susceptible genotypes. Significant variation was observed among the genotypes tested with respect to the amount of total phenols, total proteins, total chlorophyll, peroxidases and phenylalanine ammonia lyase activity. High amount of biochemical substances were recorded in resistant genotypes than other genotypes.

Key words : Blackgram, Chlorophyll, *Mungbean Yellow Mosaic Virus*, Peroxidases, Phenols, Phenylalanine Ammonia Lyase and Proteins.