Genotypic Variation for Late Leaf Spot and *Aspergillus* Colonization in Mini Core Set of Groundnut (*Arachis hypogaea*)

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ABSTRACT

Core collection could greatly increase the utilization of germplasm resources. Groundnut mini core subset was evaluated for resistance against late leaf spot and seed colonization by *Aspergillus flavus*. High level resistance for late leaf spot was observed in sixteen accessions including ICG 12625, ICG 15419, ICG 12697, ICG 12682, ICG 4716, ICG 76, ICG 8760, ICG 2857, ICG 4412, ICG 9905, ICG 12672, ICG 13787, ICG 3027, ICG 532, ICG 6706 and ICG 14475. While the high level of resistance to seed colonization by *A.flavus* was observed in ICG 6027, ICG 3673, MN 1-35, ICG 14985, ICG 8760 and ICG 13787. The accessions namely ICG 8760 and ICG 13787 were found to possess high level of resistance to both late leaf spot and *Aspergillus* colonization and could be utilized in multiple disease resistance breeding programme.

Key words : *Aspergillus* colonization, Groundnut, Late leaf spot, Mini core.