

RESEARCH ARTICLE

# Screening of different varieties of pigeonpea against pod borer complex

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## ABSTRACT

An experiment was conducted to screen ten varieties of pigeonpea for their resistance/tolerance to podborers under natural infestation in pesticides free open field. While testing varieties of pigeonpea resistance against podborers, it was observed that BSMR-853 was found the least susceptible (1.39 larvae/plant) and it was at par with variety AGT-2 (1.61 larvae/plant). The varieties ICPL-87119 was found highly susceptible with 5.63 larvae per plant. However, among all the varieties of pigeonpea, BSMR-853 recorded lower per cent pod damage due to pod borer (18.59 %) which was at par with AGT-2 (20.9 %). The highest pod damage was recorded on variety ICPL – 87119(36.56 %).in case of per cent seed damage, among all the varieties of pigeonpea, BSMR-853 recorded lower per cent seed damage due to pod fly (7.50 %) which was at par with AGT-2 (8.55 %). The highest pod damage was recorded on variety ICPL– 87119.

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