## Screening of different genotypes of field pea (*Pisum sativum* L.) against major insect pests

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**ABSTRACT :** An experiment was conducted during 2011-12 for the screening of twenty genotypes of field pea against pea leaf miner, *Chromatomyia horticola*; pea aphid, *Acyrothosiphon pisum* and pea pod borer, *Etiella zinckenella*. The genotype HUDP-15 (12.57%) had maximum number of leaf miner population while, the lowest insect was observed on Pant P-161 (4.80%) based on average population of four observations. The genotype VL-54 (43.0 aphid/plant) was the most susceptible genotype against pea aphid, while the highly resistant genotype was Pant P-161 (14.56 aphid/plant). On the basis of pod damage highly resistant genotypes LFP-477 and IRCP-10 had no pod damage. The genotypes Pant P-183, Pant P-184, RFP-61, KPMR-913 and VL-54 showed 1.91% pod damage. The highest pod damage per cent were in HFP-716 (12.0%) and HFP-4 (11.94%). The highest yield was obtained in LFP-477 (23.78 q/ha), while the lowest yield was obtained in HFP-4 (6.0 q/ha).

Key Words: Field pea, genotypes, insect pests, screening.