

## REACTION OF PEA CULTIVARS/ACCESSIONS AGAINST THE ROOT-KNOT NEMATODE, *MELOIDOGYNE JAVANICA*

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**ABSTRACT:** In the present study, an attempt has been made to evaluate thirty cultivars/accessions of pea against *M. javanica* to locate the source of resistance against the nematode. Of these, only one variety i.e. HFP-8913 was found to be resistant while three of them were moderately resistant (DMR-11, KFPD-23, DPFD-62), ten were moderately susceptible (DDR-3, TMR-24, DPFD-8, DPFD-69, HFP-8909, HFP-8911, HUP-10, HUP-12, KFP-134 and KFPB-27) and sixteen were highly susceptible (DDR-1, DDR-15, DMR-20, DMR-25, DPFD-1, HFP-8814, HFP-8816, HFP-8903, HUP-11, KFP-122, KFP-133, KFPD-7, KFPD-18, KFPD-47, KFPD-51, KFUP-7). The resistant variety may be suggested to the farmers for field trials to grow it commercially and exploit its medicinal value to its greatest extent.

**Key Words:** *M. javanica*, pea, resistant susceptible, cultivars.