

# Relative susceptibility of chickpea varieties against pulse beetle in storage

■ A.P. Barge and G.B. Kabre\*

Department of Agricultural Entomology, Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri, **Ahmednagar (M.S.) India**

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## ABSTRACT

The present investigation was carried out in the laboratory of Department of Agricultural Entomology, Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri during 2018. Among 8 Chickpea varieties, Minimum (44.3% and 23.00%) pulse beetle grain infestation (number basis and weight basis, respectively) was recorded in a variety Vikrant while the maximum (75.5% and 39.8%) pulse beetle grain infestation (Number basis and weight basis) was recorded in a variety Kripa. Minimum (30.6 %) grain weight loss was recorded in a variety Vikrant and maximum (52.9%) grain weight loss was recorded in a variety Kripa. In Free choice test, the lowest (6.33) average number of adult pulse beetles oriented towards variety Vikrant, while the highest (11.00) adult pulse beetles oriented towards kabuli variety Kripa. In “No choice test” minimum (78.60%) adult emergence was observed in variety Vikrant while the highest (90.39%) adult emergence of pulse beetle was observed in a susceptible variety Kripa. Minimum (27.66 days) development period was observed in variety Vijay while the maximum (29.66 days) development period of pulse beetle was observed in variety Virat. The minimum (2.18) growth index was observed in variety Vikrant and the maximum (2.48) growth index was observed in a variety Kripa.

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\*Corresponding author:  
Email : [kabregb@gmail.com](mailto:kabregb@gmail.com)