

RESEARCH PAPER

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## Study of mortality and repellency of rice weevil *Sitophilus oryzae* L. on wheat seeds during storage

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### ABSTRACT

Application of 5 g Karanj leaf powder (*Pongamia pinnata*) per kg of seeds of wheat was found most effective and recorded 13.33 per cent mortality of rice weevil at 21 days after inoculation. However, *Pongamia pinnata* leaf powder water extract were found most effective and significantly superior treatment as repellent for the rice weevil and recorded 76.00 - 84.33 per cent repellency which was found to be effective seed protectant in suppressing the *Sitophilus oryzae* L. damage in wheat.

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