



Article history :

Received : 26.06.2017

Revised : 02.11.2017

Accepted : 09.11.2017

Screening of mango germplasm for its varietal preference towards mango nut weevil, *Sternochetus mangiferae* (Fabricius)

■ P. THILAGAM

Author for correspondence

P. THILAGAM

Tamil Nadu Agricultural University,
COIMBATORE (T.N.) INDIA

Email : pthilagam@rediffmail.com

ABSTRACT : A study on the screening of mango germplasm for the varietal preference towards mango nut weevil infestation was carried out under field condition for a period of two years (2015 and 2016). The grub and the pupal population was observed during the month of June and the highest grub population was recorded in Panchadarakalasa (3.33 No.s / fruit) followed by Salem Bangalora (2.33 No.s/fruit). The highest pupal population was recorded in Paiyur 1 (2.33 No.s per fruit) and in Kal Neelum and Swarna Jehangir 1.67 No.s per fruit. There was no significant difference in the grub population from April to June months among the various germplasms tested during the second season, even though the grub population varied from zero population to 1.67 No.s per fruit. Among the various germplasms tested, the per cent stone damage varied from 5.15 to 67.52 and the highest damage was recorded in Panchadarakalasa followed by Paiyur 1 (57.50 %), Kalepad (47.21 %) and SwarnaJehangir (41.55 %) with the lowest damage in Mulgoa recording 5.15 per cent.

KEY WORDS : Mango, Mango nut weevil, *Sternochetus mangiferae*, Varietal preference studies

HOW TO CITE THIS ARTICLE : Thilagam, P. (2017). Screening of mango germplasm for its varietal preference towards mango nut weevil, *Sternochetus mangiferae* (Fabricius). *Asian J. Hort.*, 12(2) : 185-188, DOI : 10.15740/HAS/TAJH/12.2/185-188.