



**RESEARCH ARTICLE :**

## Estimation of yield losses caused by pest in groundnut

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**ARTICLE CHRONICLE :**

**Received :**

05.07.2017;

**Accepted :**

22.07.2017

**SUMMARY :** The present study was undertaken to assess the relative abundance and extent of damage caused by the various pests attacking groundnut in the Marathwada region of the Maharashtra state during the 2012 and 2014 *Kharif* seasons. Selective applications of insecticides were deployed in field experiments to assess the damage caused by the key members of the groundnut pest complex namely the Aphids, jassid, thrips, defoliators, leaf miner and gram pod borer. The experiment was laid out in paired plot design with two treatments, replicated sixteen times. Pooled results showed that groundnut crop left unprotected is highly infested by pest and recorded significant yield reduction to the extent of 26.74 % as compared to crop protected through chemicals.

**How to cite this article :** Jayewar, Nareshkumar E., Sonkamble, Milind M. and Gosalwad, Sadashiv S. (2017). Estimation of yield losses caused by pest in groundnut. *Agric. Update*, 12(TECHSEAR-1) : 58-61; DOI: 10.15740/HAS/AU/12.TECHSEAR(1)2017/58-61.

**KEY WORDS :**

Groundnut, Leaf hopper, Thrips, Aphids, Leaf miner, Defoliators, Gram pod borer, Yield losses

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