

RESEARCH NOTE

# Population dynamics of *Earias vittella* through pheromone trap and correlation co-efficient between moth catches with weather parameters

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ARTICLE INFO

Received : 05.10.2013  
Accepted : 17.03.2014

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Key Words :

Okra, Shoot and fruit borer, *Earias vittella*, Abiotic factors

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ABSTRACT

Studies were carried out on population dynamics of *Earias vittella* through pheromone trap on okra [*Abelmoschus esculentus* (L.) Moench] at Regional Horticultural Research Station Farm, NAU, Navsari during 2011-12. The results revealed that earliest catch of *E. vittella* males was recorded from 2<sup>nd</sup> WAT (9 male moth catch/trap/week) i.e. 48 standard week of 2011 and population reached its peak at 5<sup>th</sup> WAT i.e. 51<sup>th</sup> standard week of 2011 (38 male moth catch/trap/week). Among various weather parameters, maximum temperature had significant negative and evening relative humidity had significantly positive influence on shoot and fruit borer population.

**How to view point the article :** Patel, S.D., Pandya, H.V., Dahatonde, J.A., Patel, S.R. and Bambhaniya, K.C. (2014). Population dynamics of *Earias vittella* through pheromone trap and correlation co-efficient between moth catches with weather parameters. *Internat. J. Plant Protec.*, 7(1) : 240-242.

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