

Feeding potential of predatory mite, *Amblyseius finlandicus* (Oudemans) (Acari: Phytoseiidae) on different mite hosts

■ Sanchit Mandape, Abhishek Shukla* and G.G. Radadia

Department of Entomology, N.M. College of Agriculture, Navsari Agricultural University, Navsari (Gujarat) India

ARTICLE INFO

Received : 23.01.2018
Revised : 08.03.2018
Accepted : 16.03.2018

KEY WORDS :

Feeding potential, Predatory mite,
Amblyseius finlandicus (Oudemans)

*Corresponding author:
abhishekshukla@nau.in

ABSTRACT

A laboratory experiment was carried out to know the feeding potential of predatory mite, *A. finlandicus* on three species of plant mites. In its entire life period the predator *A. finlandicus* consumed 19.07 ± 1.49 , 14.60 ± 1.06 and 9.00 ± 1.19 eggs, mixed stages and adults of *O. indicus*, 16.03 ± 1.14 , 10.37 ± 1.44 and 8.40 ± 1.06 eggs, mixed stages and adults of *P. latus* and 42.03 ± 3.99 , 21.50 ± 2.22 and 15.87 ± 1.38 eggs, mixed stages and adults of *T. urticae*, respectively. While, the female predator consumed 23.70 ± 1.79 , 16.57 ± 1.14 and 9.7 ± 1.14 eggs, mixed stages and adults of *O. indicus*, 19.27 ± 1.49 , 11.83 ± 1.28 and 10.47 ± 1.32 eggs, mixed stages and adults of *P. latus* and 51.83 ± 5.06 , 26.63 ± 1.85 and 18.63 ± 1.35 eggs, mixed stages and adults of *T. urticae*, respectively.

How to view point the article : Mandape, Sanchit, Shukla, Abhishek and Radadia, G.G. (2018). Feeding potential of predatory mite, *Amblyseius finlandicus* (Oudemans) (Acari: Phytoseiidae) on different mite hosts. *Internat. J. Plant Protec.*, **11**(1) : 51-55, DOI : 10.15740/HAS/IJPP/11.1/51-55.