

 19

**Journal of
Asia-Pacific Entomology**



The official journal of the Korean Society of
Applied Entomology, the Korean Entomological
Society, and the Japanese Plant Protection Society

ISSN 1226-8601

Reference: ASPEN 959

Accepted date: 24 March 2017

Please cite this article as: Saware Kantrao, Mahadappa Aurade Ravindra, S.M.D. Akbar, P.D. Kamala Jayanthi, Abbaraju Venkataraman , Effect of biosynthesized Silver nanoparticles on growth and development of *Helicoverpa armigera* (Lepidoptera: Noctuidae): Interaction with midgut protease. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Aspen*(2016), doi: [10.1016/j.aspen.2017.03.018](https://doi.org/10.1016/j.aspen.2017.03.018)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Effect of biosynthesized Silver nanoparticles on growth and development of *Helicoverpa armigera* (Lepidoptera: Noctuidae): Interaction with midgut protease

Kantrao Saware^{1†}, Ravindra Mahadappa Aurade^{2,4†}, SMD Akbar³, PD Kamala Jayanthi⁴, Venkataraman Abbaraju*¹

¹Materials Chemistry Laboratory, Department of Materials Science and Chemistry, Gulbarga University, Gulbarga- 585106, Karnataka, India.

²Central Sericultural Research and Training Institute, Central Silk Board, Ministry of Textile Govt of India, Pampore-192121, Jammu & Kashmir, India.

³International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru-502324, Telangana state, India.

⁴Division of Entomology and Nematology, Indian Institute of Horticultural Research, Hessaraghatta Lake post, Bengaluru-560088, Karnataka, India.

***Corresponding address**

Dr. A. Venkataraman

Professor,

Email: raman_chem@rediffmail.com

Ph. No: +91-8472-263295 (O), +91-8472-245995 (R), +91-9880801017 (Mobile),

Fax: +91-8472-263206.

† Equal contribution

Download English Version:

<https://daneshyari.com/en/article/5763594>

Download Persian Version:

<https://daneshyari.com/article/5763594>

[Daneshyari.com](https://daneshyari.com)