

## Muhammad Akmal

Ph.D. Scholar

Department of Entomology

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### Education

Bahauddin Zakariya University B.Sc.(Hons.) 2011 Agriculture (Entomology)

Bahauddin Zakariya University M.Sc.(Hons.) 2013 Agriculture (Entomology)

### Research Interests

Insect Molecular Genetics

Insect Microbiology and Endosymbionts

Insect Pests and their Sustainable Management in Agriculture

### Publications

Saleem Akbar, Shoaib Freed, Asifa Hameed, Hafiza Tahira Gul, Muhammad Akmal, Muhammad Naeem Malik, Muhammad Naeem and Muhammad Bismillah Khan 2012. Compatibility of *Metarhizium anisopliae* with different insecticides and fungicides. African Journal of Microbiology Research Vol. 6(17), pp. 3956-3962.

Muhammad Akmal, Shoaib Freed, Muhammad Naeem Malik and Hafiza Tahira Gul 2013. Efficacy of *Beauveria bassiana* (Deuteromycotina: Hypomycetes) Against Different Aphid Species Under Laboratory Conditions. Pakistan J. Zool., vol. 45(1), pp. 71-78.

Muhammad Jamshad Arshad, Shoaib Freed, Saleem Akbar, Muhammad Akmal and Hafiza Tahira Gul 2013. Nitrogen Fertilizer Application in Maize and Its Impact on the Development of *Chilo partellus* (Lepidoptera: Pyralidae) Pakistan J. Zool., vol. 45(1), pp. 141-147.

Muhammad Naeem Malik, Shoaib Freed, Hafiza Tahira Gul and Muhammad Akmal 2012. Pathogenicity of insect pathogenic fungus *Isaria fumosorosea* to different aphid species. Proceedings of 3rd International Conference 'Frontiers in Agriculture' held at Dankook International Cooperation on Agriculture, Dankook University, Cheonansi, Republic of Korea during October 3-5.

Muhammad Naeem Malik, Shoaib Freed, Hafiza Tahira Gul, Muhammad Akmal and Muhammad Naeem 2013. Microbial Control of Maize Army Worm, *Mythimna separate* (Lepidoptera: Noctuidae) by Entomopathogenic Fungi. Pakistan J. Zool., vol. 45(6), pp. 1607-1614.

Amin MA, Hameed A, Rizwan M, Akmal M. 2014. Effect of different insecticides against insect pests and predators complex on *Brassica napus* L., under field conditions. International Journal of Scientific Research in Environmental Sciences., Vol. 2(9), pp. 340-345.