

DR. MUHAMMAD USMAN ASIF

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Nuclear Institute of Agriculture, Tando Jam, Hyderabad

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PERSONAL INFORMATION:

- Father's Name : Muhammad Asif Khan
- Date of Birth : 21-03-1987
- Domicile : Lahore / Punjab
- CNIC No : 36302-8047849-9
- Permanent Address : 149-C Tech Society Opp. Doctors Hospital, Lahore

PROFESSIONAL EXPERIENCE:

No.	Position held	Organization	From	To
1	Teaching Assistant	Department of Entomology, UAF	08-02-2014	24-06-2014
2	Research Fellow	Institute of Agriculture and Resource Economics, UAF	25-06-2014	30-10-2014
3	Junior Scientist	Nuclear Institute of Agriculture, Tando Jam	08-07-2015	To date

EDUCATIONAL QUALIFICATIONS:

Examination Passed	Year of Passing	Division /CGPA	Board or University	Institution Name
PhD Entomology	2015	3.91/4.00	University of Agriculture Faisalabad	University of Agriculture Faisalabad
M.Sc (Hons.) Agri. Entomology	2011	3.98 / 4.00	University of Agriculture Faisalabad	University of Agriculture Faisalabad
B.Sc (Hons.) Agri. Entomology	2009	3.58/ 4.00	Bahauddin Zakariya University	Bahauddin Zakariya University Multan
F.Sc	2005	II nd	Multan Board	Govt. Science College Multan
Matric	2002	I st	FBISE Islamabad	F.G. Boys Public School Multan

CERTIFICATE COURSES:

COURSE	Year of Passing	Institution Name
Hifz-E-Quran	2011	Madrisa Tahfizul Quran, Lahore

ACADEMIC AWARDS:

- PhD Fellowship Award for two years (2011-2013).
- Merit Scholarship for the two years in M.Sc. (Hons.) 2009-2011.

TRAININGS: (3)

- Three day Training Program on “Implementation of ISO 9001:2015 QMS and Internal Auditing” May 08-10, 2017 at Nuclear Institute of Agriculture, Tandojam.
- 45th Post Graduate Training Course on “Nuclear and Other Advanced Techniques in Agricultural and Biological Research (06-17 November, 2017) held at NIAB, Faisalabad.
- Training on Weed Biological Control of *Parthenium hysterophorus*” held at CABI CWA office Rawalpindi from 13-16th November, 2018.

WORKSHOP/CONFERENCE ATTENDED: (5)

- Post graduate entomological research conference, June 22-23, 2012, UAF.
- 32nd Pakistan Congress of Zoology 6-8 March, 2012 G.C. University, Lahore.
- 2nd Post Graduate Entomological Research Conference July 08-09, 2013.
- Three days “6th National Workshop on Bio-control technology” (17-19th November, 2015).
- 36th Pakistan Congress of Zoology 16-18 February, 2016 Sindh University, Jamshoro.

SEMINARS ATTENDED: (5)

- Seminar on “New Challenges of Insects in Citrus Plant” at University of Agriculture, Faisalabad, July 13-14, 2012.
- National Consultative Seminar on “Pink Bollworm Management on Cotton Crop” at CCRI, Sakrand, 21 January, 2016.
- Seminar on “Peaceful applications of Nuclear Technology” at Atomic Energy Medical Center, Karachi, 27 February, 2016.
- Seminar on “Profitable Cotton Cultivation” at FFC Sanghar, 27 April 2016.
- Seminar on “Area wide management of Insect Pests of major crops with special reference to Bio-Control Technology” (23rd May, 2017).

RESEARCH PAPERS (Peer Reviewed): 13**IMPACT FACTOR: 1.08****PUBLICATIONS:**

1. Ahmed S., **M.U. Asif**, M.S. Nisar, M. Arshad, M.M. Shakir and M.A. Riaz, 2015. Co-toxicity of pyrethroid mixtures against field and laboratory reared populations of *Lipaphis erysimi* Kalt. (Aphididae: Homoptera). J. Crop Sci. Technol., 4(1): 28–33.
2. Khan, M.A., T. Khurshid, and **M.U. Asif**, 2016. Extension activities of a citrus project in Pakistan with assistance from the Australian aid program. Acta Hort. 1128:193-196.

3. **Asif, M.U.,** S. Ahmed, R.R. Khan and M. Atiq, 2016. Relationship of collembola population with different abiotic factors in an agricultural ecosystem of Faisalabad, Punjab, Pakistan. *Pak. J. Agri. Sci.*, 53(1): 201-208.
4. **Asif, M.U.,** R. Muhammad, W. Akbar and M. Tofique, 2016. Relative efficacy of some insecticides against the sucking insect pest complex of cotton. *The Nucleus* 53(2): 140-146.
5. **Asif, M.U.,** R. Muhammad, W. Akbar and M. Tofique, 2016. Insecticidal activity of some botanicals against the sucking insect pests of cotton. *Sindh Uni. Res. J.* 48(4): 907-912.
6. Akbar, W., **M.U. Asif,** R. Muhammad and M. Tofique, 2016. Bio-efficacy of different plant extracts against mustard aphid (*Lipaphis erysimi*) on canola. *Pak. J. Entomol.* 31(2): 189-196.
7. **Asif, M.U.,** R. Muhammad, W. Akbar and M. Tofique, 2017. Response of various cotton genotypes against sucking and bollworm complexes. *Pak. J. Agri. Agril. Engg. Vet. Sci.*, 33(1): 37-45.
8. **Asif, M.U.,** R. Muhammad, W. Akbar and J.A. Tariq, 2017. Performance of transgenic and non-transgenic cotton genotypes against insect pest complex. *J. Innov. Sci.*, 3 (2): 45-54.
9. Akbar, W., **M.U. Asif,** M. Ismail, M. Bux and R.M. Memon, 2017. Management of aphids on canola (*Brassica napus* L.) through cultural practices. *Pak. Entomol.*, 39(2): 27-31.
10. **Asif, M.U.,** R. Muhammad, W. Akbar, M. Sohail, J.A. Tariq and M. Ismail, 2018. Comparative efficacy of neem derivatives and imidacloprid against some cotton pests. *Journal of Entomology and Zoology Studies*, 6(3): 113-117.
11. Akbar, W., **M.U. Asif,** R. Muhammad, M. Bux and M. Sohail, 2018. Validation of some new chemistry and conventional insecticides against gram pod borer (*Helicoverpa armigera*) in chickpea. *Pak. Entomol.*, 40(1):45-49.
12. Sohail, M., Q.A. Soomro, R. Muhammad, **M.U. Asif,** W. Akbar and M. Ismail, 2018. Eggs exposure to low temperature reasons dwindled viability and impeded biology in green lacewing (*Chrysoperla carnea* Stephen). *Int. J. Biosci.* 12(5): 206-214.

13. Awais, M., N.H. Khuhro, M.H. Khan, R.M. Memon and **M.U. Asif**, 2018. Assessment of parasitizing potential of pupal parasitoid *Dirhinus giffardii* (Silvestri) against different age pupae of fruit fly and their post emergence sex ratio under lab conditions. Journal of Entomology and Zoology Studies, 6(5): 159-162.

WORKSHOP/CONFERENCE ABSTRACTS

14. **Asif, M.U.**, R. Muhammad, W. Akbar and M. Tofique, 2016. Insecticidal activity of some botanicals against the sucking insect pests of cotton. 36th Pakistan Congress of Zoology, 16-18 February, Sindh University, Jamshoro.
15. R. Muhammad, Q. Ahmed, **M.U. Asif**, W. Akbar and M. Ali, 2016. Influence of food supplementation on the fitness of egg parasitoid *Trichogramma chilonis* (Ishii). 36th Pakistan Congress of Zoology, 16-18 February, Sindh University, Jamshoro.
16. W. Akbar, M. Bux, **Asif, M.U.**, R. Muhammad and M. Tofique, 2016. Comparison of different botanicals for control of aphids on canola *Brassica napus*. 36th Pakistan Congress of Zoology, 16-18 February, Sindh University, Jamshoro.
17. **Asif, M.U.**, R. Muhammad and W. Akbar, 2018. Variety and planting date effects on the incidence of bollworms and sucking insect pests of cotton (*Gossypium hirsutum* L.). 38TH Pakistan Congress of Zoology, 27th FEB- 1st March, Punjab University.
18. Akbar, W., **Asif, M.U.**, M. Ismail, M. Bux and R.M. Memon, 2018. Management of aphids on canola (*Brassica napus* L.) through cultural practices. 38th Pakistan Congress of Zoology, 27th Feb -1st March, Punjab University, Lahore.
19. Rizwan, M., **M.U. Asif**, W. Mehboob, S. Abro and Z.A. Deho, 2018. Exploitation of host plant resistance traits in cotton (*Gossypium hirsutum* L.) against sucking insect/pest complex. 2nd Sino-Pak International Conference on Innovations in Cotton Breeding and Biotechnology, 26-27 November, 2018, Muhammad Nawaz Sharif University of Agriculture, Multan.

BOOKLET (URDU):

20. Memon, R.M., **M.U. Asif** and Q.A. Soomro, 2017. Kappas kay keeron ka Moassar Hul. Plant Protection Division, Nuclear Institute of Agriculture, Tandojam.

MSC STUDENTS SUPERVISED: (2)

1. **Student Name:** Sikandar Ali Soomro **Reg. No.** 2K16-ET-59,
Thesis Title: Preference of *Helicoverpa armigera* on some new chickpea cultivars.

Faculty Crop Protection, Entomology Department, Sindh Agriculture University
Tandojam.

2. **Student Name:** Sadam Hussain Soomro **Reg. No.** 2K16-ET-51,

Thesis Title: Comparative bioassay of *Bacillus thuringiensis* with insecticides against
Helicoverpa armigera on chickpea.

Faculty Crop Protection, Entomology Department, Sindh Agriculture University
Tandojam.

REVIEWER

1. World Research Journal of Agricultural Sciences
2. International Journal of Entomology and Nematology

MEMEBERSHIP OF LEARNED SOCIETIES

1. PAKISTAN NUCLEAR SOCIETY
2. PAKISTAN ENTOMOLOGICAL SOCIETY
3. YOUNG'S ENTOMOLOGICAL SOCIETY