

**Dr. Mohammad Naeem,  
Dean,  
Faculty of Crop Protection Sciences  
Professor of Entomology  
Agricultural University,  
Peshawar.**



Date of Birth: 03-10- 1955  
Place of Birth: Haryankot, Malakand  
Agency, NWFP, Pakistan.  
Marital Status: Married, three Children.  
National Identity Card No. 15401-1393907-5

#### **I. ACADEMIC QUALIFICATIONS:**

<b><u>DEGREE</u></b>	<b><u>INSTITUTION</u></b>	<b><u>YEAR</u></b>
B.Sc. (Hons) Agric. (Entomology)	University of Peshawar, Peshawar.	1977
M.Sc. (Hons) Agric. (Entomology)	University of Peshawar, Peshawar.	1979
Ph.D. Agric. (Entomology)	Department of Entomology, University of Illinois, Urbana Champaign, USA.	1990

#### **II. SHORT TRAINING COURSES / WORKSHOPS ATTENDED**

<b><u>TITLE</u></b>	<b><u>PLACE</u></b>	<b><u>YEAR</u></b>
Honey bee Management Pakistan.	PARC, Islamabad,	1984
English for Academic Purposes Instructional Skills Workshop	Academy for Educational Development, Islamabad	1984
	Southern Illinois Univ. Carbondale, USA.	1986
Computer application to Research and Education	Univ. of Illinois at Champaign, USA.	1987

Desktop Publishing with WordPerfect	NWFP A-U Peshawar.	1992
Policy and Strategy for Rational use of Pesticides in Pakistan	Crop Disease Research Institute, NARC, Islamabad	2000
Economic Evaluation of Crop Protection Policies Under Pesticides Policy Project	NWFP AU, Peshawar October 11-12	2000
Awareness workshop for Familiarization of Teachers On Farmer Field School Approach & Training of Facilitators	National IPM Program, NARC, Islamabad	2004
National Workshop on Emerging Challenges of Food Security and open Market Economy	Agric. University, Peshawar at Baragali, July 23-26	2004
First National Training Workshop On Pollinators	PARC, Islamabad October 12-13	2004
International Workshop On development of indigenous Honey bees	ICIMOD, Nepal Islamabad, Pakistan	2005
Capacity Building of Staff In semester system Organized by Higher Education Commission Islamabad	GIK Institute of Engg. Sciences & Kohat Uni. of Science & Technology	2006
International Symposium on Sustainable Crop Improvement and Integrated Management	University of Agriculture, Faisalabad, Sep. 14-16	2006
International Conference On Higher Education for Development	Higher Education Commission Islamabad	2006
Consultation Workshop on Post Graduate Fellowship and Consortium Development with Universities In the Greater Himalayan Region	Katmandu, Nepal	2008

**III. TEACHING AND ADMINISTRATIVE EXPERIENCE:**

<u>POSITION HELD</u>	<u>ORGANIZATION</u>	<u>DATES</u>
Dean Faculty of Crop Protection Sciences	Agric. Univ. Peshawar	18-12-08 to Date
Director Advance Studies and Research	-do-	27-07-08 to 28-01-07
Controller of Exams:	-do-	04-04-04 to 11-03-08
Chairman Dept. Of Entomology	-do-	01-11-2000 to 14-01-04
Professor	-do-	27-03-1998 to Date
Associate Professor	-do-	30-05-92 to 26-03-98
Assistant Professor	-do-	05-01-89 to 29-05-92
Lecturer	-do-	01-09-79 to 04-01-89

**IV. RESEARCH EXPERIENCE:**

<u>Project Title/ Donor Agency</u>	<u>POSITION HELD</u>	<u>YEAR</u>
1. Tobacco cutworm control UGC	Research Officer	1978-1979
2. Integrated Control of Insect Pests of Sugar beat PL-480	Senior Research Officer	1984
3. Fruit fly Management PARC	Co-Principal Investigator	1994-1996

**V. SERVICES RENDERED FOR IMPROVEMENT OF ACADEMICS AND RESEARCH**

1. Convener **Board of Faculty** Crop Protection Sciences, 18-12-2008 to date
2. Convener **Board of studies** in Entomology, 2000-2004.
3. Member **Board of Studies** in Entomology, 1992 to date
4. Member **Board of studies** in Plant Protection, 1993 to date
5. Member **Board of studies** in Weed Science, 2002 to date

6. Member **Board of Faculty** Crop Protection Sciences, 1992 to 17-12-2008
7. Member **Academic Council** NWFP Agric. Univ. Peshawar, 1998 to date
8. Member **Provincial Agric. Research Master Plan (PARMP)**, 1995
9. Member **Technical working group (TWG)** of the Provincial Agric. Research, 1995
10. Member **UGC Curriculum Revision Committee** in Entomology, 2000
11. Member **Curriculum Revision Committee** NWFP Agric. Univ. Peshawar, 2002
12. Served as member **Selection Board JAK University**, Azad Kashmir, 2002
13. Served as member **Selection Board Arid Agricultural University**, Rawalpindi, 2002
14. Served as member **Selection Board Kohat University of Science and Technology**, 2004.
15. Member **Model Tenure Track Statutes**, NWFP Agric. Univ. Peshawar, 2006
16. Member **Institutional Scholarships Award Committee**, NWFP Agric. University, Peshawar, 2006, 2007, 2008
17. Member **Institutional Scholarships Award Committee**, **GIK** Institute of Engineering Sciences and Technology, 2006
18. Served as **External Examiner** for evaluation of Thesis of two PhD scholars of the Dept. of Entomology, Sindh Agriculture University Tandojam.
19. Member **Board of Faculty, Crop Production Sciences**, NWFP AUP, 2008

## **VI. SERVICES RENDERED FOR THE ADMINISTRATION OF THE NWFP AGRICULTURAL UNIVERSITY PESHAWAR**

1. **Dean Faculty of Crop Protection Sciences**, 18-12-2008 to Date
2. **Director Advance Studies and Research**, 27-07-2008 to 28-01-2009.
3. **Controller of Examinations**, 05-04-2004 to 11-03-2008
4. **Chairman Department of Entomology**, 2000-2004
5. Served as **Assistant Warden** Hostel No.6 from Oct., 1979 to Aug. 1985.
6. Member **Departmental Promotion and Appointment** Committee, 2000-2002
7. Convener **Departmental Promotion Committee**, 2002-2004

8. Elected **Member Finance & Planning Committee**, 2002 to date.
9. Member **improvement Committee** of proforma for quantification/ short listing of candidates for various positions in AUP.
10. Member **Quantification Committee** for Evaluation of Academic / Professional Marks of candidates for various positions in AUP, 2002.
11. Convener **Committee for Evaluation of Academic / Professional Marks** of candidates for various positions in AUP, 2002 and 2007.
12. Member **Quantification Committee**, 2008.
13. Convener **Quantification Committee**, 2002.
14. Member **Scrutiny Committee** of Common Wealth Academic Staff Scholarships
15. Member **Institutional Discipline Committee** in Plant Protection
16. Member **Institutional Discipline Committee** in Plant Pathology
17. Member **Scrutiny Committee**, Faculty of Crop Protection Sciences
18. Member **Scrutiny Committee**, Department of Weed Science
19. Member **Project Proposal Committee**, Faculty of Crop Protection Sciences
20. Member **Selection Committee** Agric. Univ. Public School & College Teaching Staff.
21. Member **Evaluation Committee** Agric. Univ. Public School & College
22. Member **Improvement Committee** Agric. Univ. Public School & College
23. Member **Admission Committee** Agric. Univ. Public School & College
24. Co-opted Member **University Discipline Committee**
25. Member **Pre-qualification/ Scrutiny Committee** (Works Directorate)
26. Member **Lab-Equipment and Purchase Committee**
27. Member **Equipment Procurement Committee** for SSEP
28. Convener **Purchase Committee** for Convocation 2004, 2005, 2006 and 2007
29. Member **Affiliation Committee**, 2004-2008
30. Secretary **Committee Dealing with cases of Unfair Means** (UFM) 2004-2008

31. Member **Admission Committee** for PhD fellowships in Foreign Universities.
32. Convener **University Discipline Committee**, 2008.
33. Member **Board of Trustees for Benevolent Fund** since 06-06-2008
34. Member **Committee for University Best Teacher Award** for the year 2007.
35. Convener **Appellate Committee**, 2009.

## VII. MEMBERSHIP OF SCIENTIFIC SOCIETIES

1. Member Entomological Society of America
2. Member Entomological Society of Pakistan
3. Member Crop Protection Association of Pakistan

## VIII. NUMBER AND TITLES OF M.Sc. (Hons.) STUDENTS SUPERVISED

1. Assessment of losses caused by *Tribolium castaneum*, *Rhyzopertha dominica* and *Sitophilus oryzae* in stored maize. (M. Naeem & Shafiullah, 1982)
2. Insect pests of soybeans and their relative abundance. (M. Naeem & Kifayatullah, 1984)
3. Study on the control of maize shoot fly, *Atherigona socata* Rond. (M. Naeem & Alamzeb, 1984)
4. Chemical control of insect pest complex of tomato in Dir District. (M. Naeem & Shafiq-ur-Rahaman, 1992)
5. Varietal susceptibility of Chickpea, chemical control and emergence of *Heliothis armigera*. (M. Naeem & Naqibullah, 1994)
6. Management of autumn potato crop. (M. Naeem & M. Tahir Jan, 1994)
7. Biological control and host preference of Hudda beetles. (M. Naeem & Abida Hamid, 1994)
8. Management of Insect Pests of Cabbage. (M. Naeem & Noor Taj, 1998)
9. Resistance to some insecticides in a local population of *Helicoverpa armigera*. (M. Naeem & Abdul Latif, 1998)
10. Effect of Nile Blue and Sudan Red on two termite species. (M. Naeem & Sultan Nasir Sial, 2000)
11. Seasonal abundance, Host range, Varietal screening and Chemical Control of gram Pod borer, *Helicoverpa armigera*. (M. Naeem & Yasir Saeed, 2001)

12. Effect of Sprayable and granular insecticides on maize stem borer, *Chilo partellus* and effect of Pesticide chemicals on the Morphology of maize crop. (M. Naeem & Usman Shehzad, 2001)
13. Ecology and control of fruit tree termites in Peshawar Valley. (M. Naeem & Abdul Sattar, 2001)
14. Screening of Kabuli chickpea varieties against Pulse Beetle *Callosobruchus maculatus* Bruchidae, Coleoptera. (M. Naeem & Sajid Kamal, 2001)
15. Population dynamics of insect pests and their natural enemies of Cauliflower. (M. Naeem & Muhammad Younas, 2001)
16. Varietal Resistance and Determination of Economical number of sprays for the control of insect pest complex of cotton. (M. Naeem & M. Tariq Khan, 2002)
17. Role of some weather factors on population fluctuation of some sucking insect pests of cotton. (M. Naeem & Laeeq, 2002)
18. Host preference and development of *Callosobruchus chinensis* on different legumes. (M. Naeem & Amna Sadozai, 2002)
19. Role of Trichomes in suppression of sucking insect pests of cotton. (M. Naeem & Sajjad Hussain, 2004)
20. Developmental Studies on rearing of lace wing *Chrysoperla carnea* on egg and adults of *Sitotroga cerealella* and larvae of *Tribolium castaneum* . (M. Naeem & Muhammad Iqbal Nawaz Khan, 2004)
21. Efficacy of neem oil against *Helicoverpa armigera*. (M. Naeem & M. Humayun, 2004)
22. Rearing of *Chrysoperla carnea* on artificial diets. (M. Naeem & Amjad Usman, 2005)
23. Identification and Distribution of Genera of Braconid Wasps (Hymenoptera) of District Chitral. (M. Naeem & Fakhruddin)

#### **IX. NUMBER AND TITLES OF PhD STUDENTS SUPERVISED**

1. Distribution and Management of sugarcane borers in Peshawar Valley (M. Naeem and Faqir Gul, 2007)

#### **X. Supervisor and Member of Ph.D students**

1. Full supervisor of one PhD student in Entomology.
2. Member of supervisory committee of 4 Ph.D students in Entomology.

## XI. LECTURES DELIVERED, TRAINING COURSES AND WORKSHOPS ORGANIZED

1. Refresher courses organized for Extension and Field Officers by Agric. Extension Department.
2. Lectures delivered on **“Insect Pests Related Issues”** at Farmers' Field Days held at various locations of NWFP.
3. Practical Field Trainings and Lectures delivered to Extension workers, Field officers and growers of NWFP on **“fruit fly management”**.
4. Lectures and Practical Field Training to Extension workers and Elected Members of the Farmers' Support Units (FSU) on **“Management of Stored product Pests”**.
5. Training workshop for female extension workers and Rural Women on **“safe use of pesticides”**.
6. Lectures delivered on **“safe handling and efficient use of pesticides”** at the Training workshop on Pest related issues sponsored by IUCN.
7. Lecture delivered on **Safe and Efficient use of Pesticides** at the workshop **“Planning of Road Map for Sustainable Agriculture Development in NWFP”** Organized by the Directorate of Out-Reach, NWFP Agric. University Peshawar.
8. Lecture delivered on **“Ecological Basis of Integrated Pest Management”** at the Training workshop for Afghan participants Organized by the Field Office of a Project of Arid Land Consortium UIUC and US Agency for International Development.

## XII. LIST OF PUBLICATIONS

### A: PUBLICATIONS IN INTERNATIONAL JOURNALS

1. **Naeem, M.**, G. P. Waldbauer and S. Friedman. 1992. Selective Feeding within Snap Bean pods by larvae of *Heliothis zea*. *Ann. Entomol. Soc. Amer.* 85 (6) : 784-791.
2. **Naeem, M.**, G. P. Waldbauer and S. Friedman. 1992. *Heliothis zea* larvae respond to diluted diets by increased searching behavior as well as by increased feeding. *Ent. Exp. Appl.* 65 (11) : 95-98.
3. Friedman, S., G. P. Waldbauer, J. E. Ertmoed, **M. Naeem** and A. W. Ghent. 1992. Blood trehalose levels have a role in the control of dietary self-selection by *Heliothis zea* larvae. *Jour. Insect Physiol.* 37 (12): 919-929
4. **Naeem, M.** G. P. Waldbauer and S. Friedman. 1992. Self-selection and utilization efficiency of *Heliothis zea* larvae feeding on seeds and walls of snap bean pods. *Ent. Exp. Appl.*, 63 (3) : 211-219.



5. Khalil, S. K., M. A. Shah and **M. Naeem**. 1985. Laboratory studies on the compatibility of the entomopathogenic fungus *Verticillium lecanii* with certain pesticides. *Agric. Ecosys. and Environ.* 13, 329-334.

#### **B: PUBLICATIONS IN NATIONAL JOURNALS**

1. Shahid, M. and **M. Naeem**. 1981. Tobacco cutworm control with granular insecticides. *Pak. Tobacco.* 5 (2): 17-20.
2. Khalil, S. K., N. Hussain and **M. Naeem**. 1985. Influence of PH of the medium on growth and sporulation of the entomopathogenic fungus *Verticillium lecanii*. *Sarhad J. of Agric.*, 1 (1): 51-55.
3. Khalil, S. K., Mohabbat Khan, Farmanullah and **M. Naeem**. 1990. Studies on the entomopathogenic fungus *Verticillium lecanii* (zimm.) for the control of green peach aphid *Myzus persicae* Sulz. *Sarhad J. of Agric.*, 6 (6) : 597-600.
4. Khalil, S. K., M. Anwar, **M. Naeem**, Inamullah, I. Ali, F. Shah and A. Jabbar. 1991. Studies on the population dynamics, host preference and chemical control of brown garden snail *Helix aspersa* Muller. *Sarhad J. of Agric.*, 7 (2): 83-89.
5. **Naeem, M.**, S. K. Khalil, A. K. Wazir, Inamullah and F. Shah. 1992. Date-Palm borers and their management. *Sarhad J. of Agri.* 8 (1): 101-106.
6. Karimullah, Abid Fareed and **M. Naeem**. 1993. Insecticidal studies on corn leaf aphid, *Rhopalosiphum maidis* Fitch. *Sarhad J. of Agric.* 9 (3): 221-223.
7. Karimullah, **M. Naeem**, S. Ahmad, A. M. Paracha and M. Tahir Jan. 1995. Infestation of aphid *Myzus persicae* (Sulz) on potato in Peshawar. *Sarhad J. of Agric.* 11 (6): 741-744.
8. Hussain, N., S. K. Khalil and **M. Naeem**. 1990. Fruit fly Management. A Harmless and Cheap Method. (In Urdu) Publication No.16. of Outreach Directorate, NWFP Agric. Uni. Peshawar. 6pp.
9. Shahid, M., S. M. Khan and **M. Naeem**. 1980. Tobacco cutworm (*Agrotis* species) and its control. Department of Entomology, Faculty of Agric. Uni. of Peshawar. Final Report of Project No. 20-5/ Acad.-1/75 of UGC, Islamabad under Research Grant To Teachers. 32 pp.
10. Hussain, N. S. K. Khalil, **M. Naeem** and Farmanullah. 1996. Management of fruit flies in NWFP. Final Report. MF- PLPR-AUP. 479 pp.
11. Tahir Jan, M., **M. Naeem**, Karimullah, M. K. Idrees and R. Mehmood. 2002. Management of Insect Pests of Autumn Potato Crop in Diverse Culture in NWFP (Peshawar). *Asian J. of Plant Sciences.* 1 (2): 203-204.
12. Tariq, M. K., **M. Naeem** and M. Akram. 2002. Determination of Economical Number of sprays for the Control of Insect pest Complex of Cotton. *Asian J. of Plant Sciences.* 1 (6): 683-685.

13. Tariq, M. K., **M. Naeem** and M. Akram 2003. Studies on Varietal Resistance of Cotton against Insect Pest Complex. *Sarhad J. of Agri.* **19 (1): 93-96**
14. Tahir Jan, M., **M. Naeem**, Karimullah, M. K. Idrees and R. Mehmood. 2003. Leaf Hopper Management on Autumn Potato Crop in Peshawar (PAKISTAN). *Jour. Res. Sci.* **14 (1): 35-42.**
15. Amna, S., **M. Naeem**, M. Inayatullah, M. Shah and Asad Ali. 2003. Host preference of pulse beetle *Callosobruchus maculatus* in different legumes. *Sarhad. J. of Agric.* **19 (4): 557-561.**
16. Inayatullah, M. and **M. Naeem**. 2004. An Identification key to the genera of Cheloninae (Braconidae: Hymenoptera) in the NWFP with distributional records and taxonomic notes. *Sarhad J. of Agric.* **20 (1):143-147.**
17. Inayatullah, M. and **M. Naeem**. 2004. Some new records and a key to the subfamilies of Braconidae (Hymenoptera) of the NWFP. *Pak. J. Zoology.* **36 (3) 193-200.**
18. Sattar, A. **M. Naeem**, Z. Salihah and K. Javed. 2005. Ecology of fruit tree termites in Peshawar valley. *Sarhad J. of Agric.* **21 (2): 257-260.**
19. M. Iqbal Nawaz Khan, **M. Naeem**, Z. Salihah, A. Sattar and A. Farid. 2005. Development of *Chrysoperla carnea* steph. on eggs and etherized adults of *Sitotoga cerelella*. *Sarhad J. Agric.* **21 (2): 265-270.**
20. Amjad Usman, **M. Naeem**, Zahoor Salihah, Misbah-ul-Haq, and M. Q. Saeed. 2006. Effect of Different adult diets on *Chrysoperla carnea* Steph. (Chrysopidae, Neuroptera)- A Biological control agent. *Sarhad J. Agric.* **22(1): 121-124**
21. Faqir Gul, **M. Naeem** and M. Inayatullah. 2008. Resistance of some promising varieties of sugarcane to different borers. *Sarhad J. Agric.* **24(2): 269-272**
22. Faqir Gul, **M. Naeem** and M. Inayatullah. 2008. Effect of different control methods on the infestation of borers in sugarcane plant and ratoon crops. *Sarhad J. Agric.* **24(2): 273-27**