

Dr. H. U. Khan

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Summary

A motivated, adaptable and responsible professional with **Ph.D. & Post Doc** qualifications having more than **35 years** of **experience** in private and government organizations, where working with multidisciplinary teams processing, coordinating, managing, planning and reviewing of scientific research projects. Published more than **54 research papers**. I have outstanding conflict resolution skills to resolve the various issues related to the social sciences in the society for the betterment of the people. I have additional vast experience in administration and management.

My objectives are to utilize my vast experience by teamwork to excel in my field of specialization by utilizing managerial skills, effective methods of operations through flexibility, multitasking and increased responsibilities in a progressive organization.

Academic Career:

Post-Doc KOSEF Scholarship	2003
Seoul National University, South Korea.	
Ph.D. UGC Scholarship	1996
University of Agriculture, Faisalabad.	
MBA (Professional-HRM) 1st Div.	2005
University of Management & Technology, Lahore.	
M.Sc. (Hons.) 1st Div. (Univ. Scholarship)	1991
University of Agriculture, Faisalabad.	
B.Sc. (Hons.) 1st Div. (Univ. Scholarship)	1989
University of Agriculture, Faisalabad.	
F.Sc. 1st Div. (Board Scholarship)	1985
S.E. College Bahawalpur.	
Matric 1st Div. (Board Scholarship)	1982
B.I.S.E. Multan.	

Job Titles:

Worked as **Member Science (BS-21) PSF:** Ministry of Science and Technology from 2023 to 2026.

Worked as **Chairman (BS-22) PSF:** Ministry of Science and Technology (2024)

Worked as **Director General, PSQCA (BS-21):** Ministry of Science and Technology from 2022 to 2023

Worked as **Secretary, PCST** Ministry of Science & Technology from 2022 to 2023.

Worked as **Chief Scientist (BS-20)** in Pakistan Science Foundation (PSF) Islamabad from 2022 to 2026.

Worked as **Director General (BS-20)** in National Vocational & Technical Training Commission Islamabad (2022)

Worked as **Director General (BS-20)** in National Training Bureau (NTB) Islamabad (2022).

Worked as **Chief Scientist (BS-20)** Pakistan Science Foundation in Ministry of Science and Technology from 2013 to 2022.

Worked as **Principal Scientific Officer** in Pakistan Science Foundation from 2010 to 2013.

Worked as **Senior Scientific Officer** in Pakistan Science Foundation from 2009 to 2010.

Worked as **Director (BS-20)** in National Commission on Biotechnology from 2007 to 2009.

Worked as **Deputy Secretary (BS-19)** in Pakistan Science Foundation from 2006 to 2007.

Worked as **Senior Scientific Officer (BS-18)** in Pakistan Science Foundation from 2000 to 2005.

Worked as **Scientific Officer (BS-17)** in Ayub Agriculture Research Institute, Faisalabad from 1993 to 2000.

Worked as **Sales Manager** as Agricides (Pvt.) Ltd. Multan from 1991 to 1993.

Employment History:

Chairman, Pakistan Science Foundation: (BS-22)- Additional Charge (2024), Ministry of Science and Technology, Islamabad.

As Chairman, PSF, I have supervised all the activities of Pakistan Science Foundation and its subsidiaries including Pakistan Museum of Natural History (PMNH) and Pakistan Scientific and Technological Information Centre (PASTIC) as well as fifteen Science Centers/PASTIC Sub-Centers across the country. In a way, whole of the PSF approach is being managed and implemented through the office of the Chairman, PSF.

Member Science (BS-21) 2023 to 2026: Pakistan Science Foundation (PSF), Ministry of Science and Technology, Islamabad.

I have worked as custodian of all science wings and sections of PSF includes supervising science popularization activities through involvement of the students and the society to create science awareness at grassroots level. I have been involved in management of all scientific and social sciences programs viz. research support activities, international liaison, project funding, fellowships, inventions & innovations, institutional support, and financial assistance for conferences, seminars and workshops. I have been supervising administrative, financial and technical affairs of all the PSDP projects of the Foundation like Science Technology Engineering and Mathematics (STEM), Science Talent Farming Scheme (STFS) and Competitive Research Programme (CRP) pertaining to the promotion of science, funding for Universities, scholarships for students and capacity building of teachers. I have been overseeing all the activities of Pakistan Museum of Natural History which includes the research management, maintenance and extension of displays diorama, establishing liaison with other institutes for extension of outreach of research in Pakistan, collection of specimens, their preservation, and identification in the lab as well as their management and conservation in the field, addition of new taxonomic information, addition of new specimens and the replacement of previously damaged specimens and have initiated the process of data digitization in order to make collection details available online. In addition to above, I have been supervising +the activities of Pakistan Scientific and Technological Information Centre (PASTIC) which is serving as an information Provider for Research & Development through printing of abstract books of Science and Technology. Further, it enhances access and delivery of information by fulfilling the information needs of Researchers, Entrepreneurs, Industrialists, Educationists, Policy Makers and Planners through anticipatory and responsive Information Services. I have been working on up-gradation of National Science Reference Library a national repository of indigenous literature in Pakistan.

Director General (BS-21) 2022 to 2023 Pakistan Standards and Quality Control Authority (PSQCA), Ministry of Science and Technology, Islamabad.

I have supervised administrative, financial and technical affairs of the Authority, to supervise systemic development of standards relating to products processes. Establishing procedure to conformity assessment complaint with national & international standards. Developing standardization & improve analytical methods for state-of-art technology and promote manufacturing and services sector to obtain quality, system and environment certification under ISO-9000 & ISO-14000.

Chief Scientist (BS-20) 2013 to 2026

Pakistan Science Foundation Ministry of Science and Technology

I have worked as custodian of all science wings and sections of PSF. I have been involved in management of all scientific and social sciences programs including research support activities, project funding, fellowships, inventions & innovations, institutional support, and financial assistance for conferences, seminars, workshops. During my professional carrier, I have been making efforts to deepen my knowledge and bridging the gap between natural scientific phenomenon and their social impacts on the people and the society. I have been studying human's mental and social behaviors that have influenced their presence in the society. I have been developing coordination with universities, scientific and social sciences societies, including R&D / S&T organizations for promotion of science in the country. I have been developing a liaison with Principal Investigators, eminent scientists, engineers, social scientists and researchers for enhancement of PSF activities. I have worked in the processing and supervising the PSF Gold Medal "Dr. Z.A. Hashmi R&D Gold Medal". I have been supervising science popularization activities through involvement of the students and the society to create science awareness at grass root level including science caravans, science Centre, science fairs, traveling expos, Inquiry Based Scientific Education, popular science lectures, science essay / poster contests at inter board and intra board level. I have been involved in managing the exchange of Scientists, International Liaison, Research Programs / Seminars, Study Visits and MoUs etc.

Secretary (BS-20) 2022 to 2023

Pakistan Council for Science and Technology (PCST), Ministry of Science and Technology, Islamabad.

I have worked as executing and monitoring administrative, financial and Technical affairs of the Council. To supervise STI policy formulation, implementation and coordination with stake holders. To plan for development of R&D and innovation culture.

Director General (BS-20) (2022)

National Vocational & Technical Training Commission (NAVTTTC) Islamabad.

I have worked as executing and monitoring Technical & Vocational Training in Islamabad Zone, Azad Kashmir and Gilgit-Baltistan. As Director General National Vocational and Technical Training Commission, RO Islamabad, Managing affairs of the Regional Office as its head including identification, appraisal, and development of training projects for unemployed youth, their execution, monitoring and evaluation in the regions of Islamabad, Rawalpindi Division, Azad Jammu & Kashmir and Gilgit-Baltistan. As Director General my area of responsibility include up skilling of semiskilled Workforce for producing desired quality to sustain and to increase our share in both traditional /non-traditional goods and services. Executing Vocational & Technical Training for unemployed & unskilled youth. Improving quality of TVET outcomes that meet the needs of industry. Coordinating and establishing link between the local industry and trainings conducted at Vocational trainings institutes. As Director General I have to make sure that Demand Driven Vocational and Technical Trainings are being conducted as per the Skills Requirements of the industry and demands. Up-gradation of Existing TVET institutes and converting them into State of Art/quality technical training Institutes.

Director General (BS-20) (2022)

National Training Bureau (NTB) Islamabad.

I have executed a comprehensive plan for enhancement of productivity and quality by capacity building of workers by focused training on market demands, capacity building of training in vocational training system through training, carry out training needs assessment surveys, expansion of vocational training infrastructure to tehsil level and enhancement of public-private partnership.

Principal Scientific Officer 2010 to 2013

Pakistan Science Foundation

As a Principal Scientific Officer, I managed the research projects of varying disciplines in Research Support Section. I have prepared and compiled Annual Reports of the Pakistan Science Foundation for submission in National Assembly of Pakistan. I have involved in the preparation and compilation of the Year Book of the Pakistan Science Foundation. I have developed Liaison with the International contemporary organizations e.g. NSF, US, NNSF, China etc. As a team leader I handled matters relating to Ministry of Science & Technology (MoST). Availing the best organizational skills I dialed with Audit Observations of research support projects and compiled answers to the questions of National Assembly of Pakistan relating to Science. I have involved in the compilation of News Letter of Pakistan Science Foundation.

Senior Scientific Officer 2009 to 2010

Pakistan Science Foundation

I have played my role in the promotion of the scientific and socioeconomic culture in the country by adopting innovative techniques. I have involved in popularizing scientific and social sciences knowledge amongst the youth through inquiry based education. I have inculcated the idea of “Think Science” in the minds of young scholars through various methodologies by understanding the scientific processes using the interactive tools for the students and young scholars. I have arranged Popular Science and social sciences Lectures at PSF. I have organized Conferences, Seminars and international workshops to communicate the knowledge concisely, clearly and accurately with others. I have involved in hunting **the talent from various Scientific, and Educational institutes for participation in international science exhibitions and competitions for students and professionals. As a Senior Scientific Officer I have used the ICT Technology (Information and Communication Technology) to research, identify and present** information. I have managed my responsibility in an organized manner for the development of the scientific and socio-economic sector of the country. I have been involved in formulating the training modules for the social sciences and scientific societies.

Director (BS-20) 2007 to 2009

National Commission on Biotechnology. I have worked on Popularization of Biotechnology in the country along with Commercialization of Biotechnology products. I have been involved in organizing Conferences, Seminars and Workshops related to scientific and social issues in the country. I have been involved in establishing the Human Resource Management Strategies.

Deputy Secretary (BS-19) 2006 to 2007

Pakistan Science Foundation

As a social scientist I have been involved in responding appropriately to the thoughts, feelings, and

behaviors of other people that had helped me to assess the various facets of the society resolving the issues related to human population in the society. I have coordinated with different scientific activities at PSF, PMNH & PASTIC to benefit the scientific and social issues more practically in an applied way. In addition, I have been involved in the overall Management of meetings, conferences seminars, science fairs etc. being organized by Pakistan Sciences Foundation. I have worked on formulating the training modules and establishing Human Resource Management Strategies in the organization. Finally, I have been involved in the Performance appraisal and performance management system.

Senior Scientific Officer (BS-18) (2000)

Pakistan Science Foundation

I have involved in taking the initiatives for the popularization of the science with scientific techniques amongst the youth through Inquiry Based Scientific Education. I have utilized my abilities to support innovation and excellence in inculcating the idea of “Thinking Science with society” in the minds of youth through various innovative and thought provoking methodologies and experimentation”. I have utilized my superior interpersonal skills including the ability to effectively recognize and resolve complex problems in a constructive manner through promoting the international liaison among the researchers and scientists of the world. I have established a linkage between the scientific and technological development with the social scientists to get better results for the development of the society. I have worked effectively to promote the diverse populations in the society by hunting the talent from various scientific, social sciences and anthropology students from various educational institutes for participation in international competitions and exhibitions. I have delivered lectures at various Scientific Institutes to create awareness about the recent advances of Science and Technology in the country.

Scientific Officer (BS-17) 1993 to 2000

Ayub Agriculture Research Institute, Faisalabad.

I have involved in the preparation and development of the PC-I for different Research Projects related to sociology, anthropology and social welfare using the scientific knowledge. I have involved in monitoring the research in natural and social sciences at different levels in various organizations. I have worked in developing a liaison with authors of the research publications on regular basis to make own input in the process of the new publications in the field of natural and social sciences using the relevant knowledge.

Sales Manager 1991 to 1993

Agricides (Pvt.) Ltd. Multan.

As a self-motivated person I have worked for creating awareness among the farmers in a society for adopting the latest innovative technologies to enhance their crop production resulting in the development of an advanced and successful society. I have collaborated with other social scientists and anthropologists to identify and develop experimental systems which allow us to answer novel research questions in the field of advance sociology. I have played my role in the designing and implementation of the ethnographic research studies. I have developed methodologies including participants observation, interviews, and questionnaires in English and local languages.

Training Received:

Training has been received in the following disciplines:

- i. Human Resource Development
 - ii. Administration & Management
 - iii. Project Management
 - iv. Computer Management and Operating Skills
 - v. Office Management
 - vi. Organizational Capacity Building
 - vii. Performance Monitoring and Motivation
 - viii. Time and Stress management
 - ix. Negotiation skills
 - x. Leadership qualities and Team Management
 - xi. Positive thinking
 - xii. Psychological foundations of Teaching and Learning
 - xiii. Modern Managerial Skills
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Workshops organized:

Organized 80 National and International workshops at:

- i. Pakistan Science Foundation
 - ii. Seoul National University, South Korea
 - iii. University of Agriculture, Faisalabad
 - iv. Ayub Agricultural Research Institute, Faisalabad.
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Membership in Societies & Organizations:

- i. Pakistan Phytopathological Society
 - ii. Pakistan Nematological Society
 - iii. Korean Journal of Phytopathology
 - iv. Pakistan Materials Research Society
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International Conferences:

1. Visit to **Russia** (2025) to attend *international junior science Olympiad (IJSO-2025)* held at Sochi, Sirius Federal Territory.
 2. Visit to **Turkey** (2023).
 3. Visit to **Republic of Ireland** (2022).
 4. Visit to **United Kingdom** (2014) to attend “**London International Youth Science Fair**” (LIYSF)-2014 as Chaperon of Students.
 5. Visit to **United States of America** (2011) to visit **S&T organizations** at New York, Atlanta, Georgia & California, US.
 6. Visit to **South Korea**, Seoul (2008) to attend **Korea Invention Exposition 2008** sponsored by Korean Intellectual Property Organization.
 7. **Bio-Asia 2008: The Global-Business Forum 2008, Hyderabad-India.**
 8. Visit to **South Korea**, Seoul (2007) to attend **Korea Invention Fare 2007** sponsored by Korean Intellectual Property.
 9. Visit to **Malaysia** (2007) to attend “**Policy Making and Policy Formulation for Science & Technology**”
 10. **Organization Visit to France** (2006) sponsored by French Embassy.
 11. **International Students Inventions Exhibitions (ISIE2006) Seoul, South Korea** (2006)
 12. Visit to **Thailand** (2003) to visit **Agricultural and S&T related Institutes of Thailand.**
 13. Two days symposium on “**KOREA soil and animal**” (2002) at Kyung Sung University, Jinju, **South Korea.**
 14. Two days “**Plant Pathology Conference**”(2002) at **Muju, South Korea.**
 15. One day symposium on “**Recent Advances in Plant Genomics and Molecular Breeding**” at the Seoul National University, **South Korea.**
 16. Second joint colloquium on “**Agricultural Biotechnology**” (2002) at the Seoul National University, **South Korea** organized by BK-21 and Cornell University, USA.
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Other Skills and Interests

Anchor person at PTV-World and KTV South Korea, Science Promotional Activities, Popularization of Science in the country, Research Activities, Reading & Visiting Faculty member at the renowned educational institutes of Islamabad.

Computer Knowledge:

- *MS Windows,*
 - *M.S Word M.S PowerPoint*
 - *MS Outlook*
 - *Internet*
 - *Microsoft Project Management*
 - *MS Excel*
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Personal Skills

- Outstanding proficiency in all aspects of social science with remarkable ability to effectively communicate with people from different fields and communities.
 - To adept at working with in individual and group settings in the development of social sciences projects.
 - Having strong communication and impressive organizational skills to prioritize the objectives of the deliverables.
 - To communicate concisely, clearly and accurately with other team members by using the ICT (Information and Communication Technology) to research, identify and present information.
 - Strong oral and written communications skills and the ability to summarize analyses in different computer software's.
 - Excellent writing and verbal communications skills, with comfort to speak at senior level.
 - Having fluency in English, excellent communication and report writing skills.
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Major Research Conducted:

Post-Doctorate

Seoul National University, South Korea.

*Efficacy of soil amendment with medicinal plant materials for the control of Root-Knot nematodes (*Meloidogyne incognita*) in Ginseng*

Ph. D.

University of Agriculture, Faisalabad, Pakistan “Integrated Disease Management”

M.Sc. (Hons.)

University of Agriculture, Faisalabad, Pakistan

Varietal screening and Chemical control of Root-Knot nematodes on Soybean

Thesis Supervised:

Supervised M.Sc. theses at:

- i. University of Agriculture, Faisalabad**
 - ii. International Islamic University**
 - iii. Fatima Jinnah University, Islamabad.**
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Resource Person:

25 Years Training experience:

- Pakistan Manpower Institute, Islamabad**

- *SMEDA, Lahore*
 - *Postal Staff College, Islamabad*
 - *Faysal Bank, Islamabad*
 - *State Bank of Pakistan, Islamabad*
 - *National Police Academy, Islamabad*
 - *National Institute of Banking & Finance, Islamabad*
 - *National Bank of Pakistan*
 - *United Bank of Pakistan*
 - *NRSP-National Rural Support Programme*
 - *Youth Leadership Programme-USA*
 - *Academy of Educational Planning and Management*
 - *Special Communications Organization (Northern Areas Telecommunication)*
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Visiting Faculty Member:

- *National Defence University (N.D.U.)*
 - *Guest Speaker at Young Leader's Conference, Karachi*
 - *Research fellow at Seoul National University, South Korea*
 - *Allama Iqbal Open University, Islamabad*
 - *International Islamic University, Islamabad*
 - *Comwave, Islamabad*
 - *Army Public College of Management Sciences, Rawalpindi*
 - *COMSATS, Islamabad*
 - *University of Arid Agriculture, Rawalpindi*
 - *Federal Urdu University, Islamabad*
 - *Bahria University, Islamabad*
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Research Publications:

Published 54 Research Papers in well reputed National and International Journals:

1. Riaz Ahmed, M.T. Awan, N. Javed, M. Aslam Khan and Hafeez U. Khan. Effect of some ecological factors on *Pasteuria penetrans* spore attachment to

- Meloidogyne Javanica*. Pak. J. Phy to path. Vol.2 (1-2) 31, 1990.
2. Hafeez U. Khan, Riaz Ahmed Chohan, Amjad Ali and Jamil Ahmed. Screening of Soybean Cultivars against Root-Knot nematodes (*Meloidogyne incognita*). Pak. J. Phytopath.Vol.9 (2): 105-107.1997.
 3. Hafeez U. Khan, Riaz Ahmed Chohan, Jamil Ahmed and Amjad Ali. Chemical control of Root-Knot nematodes (*Meloidogyne Spp.*) on Soybean. Pak. J. Phytopath.Vol.10 (1): 33- 35, 1998.
 4. Hafeez U. Khan, Riaz Ahmed and Amjad Ali. Effect of nematicides in the control of Root- Knot nematode (*Meloidogyne incognita*) disease on Tomato. Pak. J. Phyto path. Vol. II (2): 178-180,1999.
 5. Riaz Ahmed and Hafeez U. Khan. Citrus decline: problems and progress in the Punjab. Pak. J. Phyto path. Proceedings of 2nd National conference of Plant Pathology, Sept. 27-29,1999.
 6. Tariq Mukhtar, Riaz Ahmed and Hafeez U. Khan. Effect of leaf extracts of some plants on the growth of Hematophagous Fungus *Verticillium chlamydospore*. Pak. J. Phyto path. Proceedings of 2nd National conference of Plant Pathology, Sept. 27-29,1999.
 7. Hafeez U. Khan, Waqar Ahmed, Riaz Ahmed and M. Aslam Khan. Evaluation of Culture filtrates of different fungi on the larval mortality of *Meloidogyne incognita*. Pak. J. Phyto path. Vol.2 (I): 46-49,2000.
 8. Hafeez U. Khan, Waqar Ahmed, Riaz Ahmed and M. Aslam Khan. Evaluation of resistance in 15 Tomato cultivars against the Root-knot nematode (*Meloidogyne incognita*). Pak. J. Phyto path. Vol.12 (1): 50-52, 2000.
 9. Hafeez U. Khan and Riaz Ahmed. Evaluation of chemical Vs biological control treatments against Root-knot nematode (*Meloidogyne incognita*) on Tomato. Pak. J. Phyto path. Vol.12 (2): 118-120,2000.
 10. Hafeez U. Khan and Riaz Ahmed. Integrated Management of Root-Knot disease of Tomato. Pak. Journal of biological sciences 3(12): 2109-2111,2000.
 11. Hafeez U. Khan, Riaz Ahmed, A.A. Akhtar, Arshad Mahmood, Tahir Basit and Tariq Niaz. Effect of Inoculum Density of (*Meloidogyne incognita*) and plant age on this verity of Root- knot disease in Tomato. InternationalJournalofAgriculture&Biology1560-8530, 2000,360-363.
 12. Hafeez U. Khan and Riaz Ahmed, Evaluation of culture filtrates of different fungi on the hatching of *Meloidogyne incognita*. Pak. J. Phyto path. Vol.13 (I): 58-60,2001.

13. M. Shafique, Riaz Ahmed, Hafeez U. Khan and Ateeq-ur-Rehman. Comparative efficacy of different organic amendments in the control of Root-knot nematodes in Mungbean. Pak. J. Phyto path. Vol.13 (I) 12-14,2001.
14. Nazir Javed, Hafeez U. Khan, S. H. Khan and M. Javed Zaki. Effect of Neem products on hatching of *Meloidogyne javanica*, when free eggs are mixed in amended Soil. Proceedings of 3rdNational Conference of Plant Pathology, Oct.13, 2001, NARC, Islamabad (Page126-128).
15. Nazir Javed, Hafeez U. Khan and Riaz Ahmed. Selection of the Most suitable Host for the Mass Production of *Pasteurian Penetrans*, an obligate parasite of Root-Knot Nematode (*Meloidogyne javanica*). On line Journal of Biological sciences 2 (II): 725-726, 2002 ISSN 1608-4127.
16. Nazir Javed, Hafeez U. Khan, Z. Hussain and M. Ashfaq. Effect of Temperature, Soil PH, Agitation Intervals and Soil Types on the Spore attachment of *Pasteurian penetrans* to Root Knot Nematodes (*Meloidogyne javanica*). Pakistan Journal of Plant Pathology, volume I Number 2-4, 66-67,2002.
17. Young Ho Kim, Hafeez U. Khan, Jung Ho Kim, Yong Hoteon, Eun Jung Lee and Sung Pae Chang. Efficacy of Soil amendment with medicinal plant materials for the control of Root- knot Nematode (*Meloidogyne javanica*) in Tomato. Plant Pathol-J-19 (3):138-142(2003).
18. M. Inam-ul Haq, J. A. Tariq, N. Javed & H. U. Khan. In-vitro inter-relationship between plant growth promoting rhizobacteria and Root Knot nematode (*Meloidogyne incognita*) and their effect on growth parameters of Brinjal. Myopathy (2003), 1(2) :191-193.
19. Tariq Mukhtar, Riaz Ahmed & H. U. Khan. Comparative efficacy of different Bio-Control agents against *Meloidogyne javanica*. Pak. J. Phytopathol.Vol.15 (1-2): 5-8,2003.
20. M. Inam-ul-Haq, N. Javed, S. M. Khan & H. U. Khan. Effect of seed coating with selected Rhizobacterial strains along with different saw dusts as organic amendments on the Bio-Control of Chickpea Wilt. Pak. J. Phytopathol.Vol.15 (1-2)9-16, 2003.
21. M. J. Zaki, M. Abid, H. U. Khan & M. Moinuddin. Evaluation of some chemicals against root- knot nematodes, *Meloidogyne incognita*. INT.J.BIOL.BIOTECH, 1 (4): 613-618, 2004.
22. Muhammad Azhar Iqbal, Riaz Ahmad and H. U. Khan. Interrelationship of citrus nematode (*Tylenchulus semipenetrans*) population and seasonal fluctuation sin Sargodha District. Pak. J Phytopathology Vol.16 (1): 60-62, 2004.
23. Hafeez Ullah Khan, Riaz Ahmed and S. M. Khan. Use of amendments for the control of Root-Knot disease of toma to caused by *Meloidogyneincognita*. Pak.

J. Phytopathol. Vol.16 (1):33- 36,
2004.

24. Muhammad Azhar Iqbal, Riaz Ahmad and H.U.Khan. Evaluation of various nematicides against citrus nematode (*Tylenchulus semipenetrans*) on highly and slightly diseased trees in the citrus orchard. Pak. J. Phytopathol. Vol.16 (1):17-22,2004.
25. Hafeez Ullah Khan, Riaz Ahmed and N. Javed. Evaluation of synergistic effects of *Paecilomyces lilacinus* and *Trichoderma harzianum* against Root-Knot disease of tomato. Pak. J. Phytopathol. Vol.16 (1):13-16, 2004.
26. C.A. Rauf, S.I. Yasin, H. U. Khan and F. Rahman. Varietal screening of potato against *Rhizoctonia solanii*. Int. J. Biotech., 2 (3): 701-704, 2005.
27. M.A. Iqbal, T. Mukhtar, R. Ahmad and H.U. Khan. Relative susceptibility/resistance of citrus rootstocks to citrus Nematode (*Tylenchulus semipenetrans*). Pak. J. Nematol. m, 23 (2): 311- 315, 2005.
28. N. Javed, M. Inam-ul-Haq and H.U. Khan. New host records of Root-Knot Nematodes (*Meloidogyne spp.*). Pak. J. Nematol., 23(2): 349, 2005.
29. T. Mukhtar, I. Pervaz, R. Ahmad and H. U. Khan. Management of *Meloidogyne Javanica* by Cropping Sequence and Effects on Pasteuria Penetrans. Pak. J. Nematol., 23(1): 173-180, 2005.
30. H. U. Khan, T. Mukhtar and Riaz Ahmed. Geographical Distribution of Root-Knot Nematodes (*Meloidogyne SPP.*) in the Punjab Province of Pakistan. Pak. J. Nematol., 23 (1): 133-140, 2005.
31. Hafeez Ullah Khan, Tariq Mukhtar, Riaz Ahmad and Muhammad Azhar Iqbal. Estimation of Optimum Dose and Effectiveness of *Paecilomyces Lilacinus* against *Meloidogyne Incognita*. Pak. J. Phytopathol., 17(1): 22-26, 2005.
32. M. A. Iqbal, T. Mukhtar, R. Ahmad and H.U. Khan. Ecological prevalence of *Tylenchulus semipenetrans* in four Districts of the Punjab Province, Pakistan. Pak. J. Nematol., 24(1): 19- 26, 2006.
33. H.U. Khan, T. Mukhtar, R. Ahmad and M.A. Iqbal. Studies on the distribution and control of root-knot nematodes (*Meloidogyne spp.*) in Faisalabad and Lahore divisions, Pakistan. Pak. J. Nematol., 24(1): 49-55, 2006.
34. N. Javed, S. R. Gowen and H. U. Khan. Response of free eggs and infective juvenile of Root- Knot Nematode *Meloidogyne javanica* through the neem (*Azadirachta indica* A. Juss) amended soil. Pak. J. Nematol. 24 (2):171-182, 2006.
35. Z. Khan, S. G. Kim, Y. H. Jeon, H. U. Khan, S.H. Son, Y.H. Kim. A plant growth promoting rhizobacterium, *Paenibacillus polymyxa* strain GBR-1, suppresses root-knot nematode. Bioresource Technology. 99: 3016-3023, May 2008.
36. Nasir Ahmad Khan, M. Mujahid Abbas, Hafeez Ullah Khan, Abdul Rahman and M. Jalal Arif. Cultivation of *Pleurotus ostreatus* (P-19) using different

Cellulosic and Lignocellulosic Substrates Pak. J. Phytopathol., Vol. 22(2):79-82, 2010.

37. Asma Safdar, Nazir Javed, Sajid Aleem Khan, Hafeez Ullah Khan, Abdul Rehman and Imran ul Haq. Survey and investigation of different citrus growing areas for Citrus Sudden Death Syndrome. Pak. J. Phytopathol., Vol. 22(2):71-78, 2010.
38. Qamar Shahzad Anjum, Muhammad Asif Ali, Nasir Ahmed Khan and H.U. Khan Comparative study of Khabbal grass (*Cynodon dactylon*), Eucalyptus leaves (*Eucalyptus camaldulensis*) and cotton waste for economically efficient cultivation of Oyster Mushroom (*Pleurotus ostreatus*). Pak. J. Phytopathol., Vol. 24(1):58-62, 2012.
39. A. Hayat, N. Javed, S. A. Khan, A. S. Gondal and H. U. Khan. Effect of Organic amendments on nematode galling index and egg masses production in potato Inoculated with root-knot nematode. Pak. J. Phytopathol., Vol.24 (1):01-05, 2012.
40. Nayba, N. Javed, S. A. Khan, Z. Ullah and H. U. Khan. Estimation of prevalence and population densities of plant parasitic nematodes associated with twelve fruit trees in Pakistan. Pak. J. Phytopathol., Vol. 24(1):63-68, 2012.
41. Mursalin M., N. Javed, S.A. Khan, H.U. Khan, H. Abbas and Maria M. Efficacy of moringa leaves and *Trichoderma harzianum* on the invasion and development of *Meloidogyne javanica*. Pak. J. Phytopathol., Vol. 25(01):59-64, 2013.
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