

Dr. H.U.Khan

0333-5234488

e-mail : drhukhan@yahoo.com

A motivated, adaptable and responsible professional with Ph.D. & Post Doc qualifications having 25 years of experience in processing, coordinating, managing, planning and reviewing of scientific research projects. In addition, exceptional experience in administration and management.

Career Objective:

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

Employment History:

Chief Scientific Officer (BS-20)

21-11-2013 to --- --- ----

Pakistan Science Foundation

Major responsibilities:

- i. Custodian of all science wings and sections of PSF.
- ii. Management of all scientific programs including research support activities, project funding, fellowships, inventions & innovations, institutional support, and financial assistance for conferences, seminars, workshops.
- iii. Coordination with universities, scientific societies, and R&D/S&T organizations for promotion of science in the country.
- iv. Liaison with Principal Investigators, eminent scientists, engineers and researchers for enhancement of PSF activities.
- v. Processing and supervising the PSF Gold Medal “Dr. Z.A. Hashmi R&D Gold Medal”.
- vi. Supervision of science popularization activities to create science awareness at grassroots level including science caravans, science centre, science fairs, traveling expos, Inquiry Based Scientific Education, popular science lectures, and science essay/ poster contests at inter board and intra board level.
- vii. Supervision of Natural Sciences Linkages Programme (NSLP) concerned with the research projects of Agriculture Sciences, Environmental Sciences, Poultry & Animal Sciences.
- viii. Supervision and Management of R&D-Industry Programme of the Foundation primarily concerned with establishing Industry-Academia Linkages and commercialization of Research Projects.
- ix. Manage Exchange of Scientists, Scientists Pool, International Liaison, Research Programmes/Seminars, Study Visits and MoUs etc.
- x. International Liaison for S&T activities.
- xi. Coordination for Special Scientific Surveys.
- xii. Coordination for visit of students in international forums.
- xiii. Signing of MoUs with Universities and R&D organizations.

Principal Scientific Officer

15-08-2010 to 20-11-2013

Pakistan Science Foundation

- i. Managing the research projects of varying disciplines in Research Support Section.

- ii.* To prepare and compile Annual Report of the Pakistan Science Foundation for submission in National Assembly of Pakistan.
- iii.* To prepare and compile Year Book of the Pakistan Science Foundation.
- iv.* To Liaise international collaboration with contemporary organistaions in east and west viz. NSF, US., NNSF, China., etc.
- v.* To handle matters relating to Ministry of Science & Technology (MoST).
- vi.* To deal with Audit Observations of research support projects.
- vii.* To compile questions of National Assembly of Pakistan relating to Science.
- viii.* To compile News Letter of Pakistan Science Foundation.

Senior Scientific Officer

17-11-2009 to 14-08-2010

Pakistan Science Foundation

- i.* To Promote Science culture in the country by adopting innovative techniques
- ii.* To popularize Science amongst the youth through Inquiry Based Scientific Education
- iii.* To inculcate the idea of “Think Science” in the minds of young scholars through various methodologies
- iv.* To arrange Popular Science Lectures at PSF
- v.* To organize Conferences, Seminars and international workshops
- vi.* To promote international liaison pertaining to scientific activities with different countries (S. Korea, France, China and OIC countries)
- vii.* To organize Science Essay and Poster contests at inter board and intra board level
- viii.* To prepare PC-Is for establishment of Science centres in the country
- ix.* To hunt the talent from various Scientific and Educational institutes for participation in international science exhibitions and competitions
- x.* To deliver Lectures at various Scientific Institutes to create awareness about the recent advances of Science and Technology in the country
- xi.* Managing T&D activities
- xii.* Formulating Training Modules
- xiii.* T&D policies and programmes

Director (BS-20)

23-07-2007 to 16-11-2009

National Commission on Biotechnology

- i.* Popularization of Biotechnology in the country
- ii.* Commercialization of Biotechnology products
- iii.* Organizing Conferences, Seminars and Workshops
- iv.* Providing guidelines to Biotechnology institutes
- v.* Establishing Human Resource Management Strategies
- vi.* Training Need Assessment
- vii.* Formulating training modules
- viii.* T&D policies and programmes

Deputy Secretary (BS-19)

01-01-2006 to 22-07-2007

Pakistan Science Foundation

- i.* To coordinate different scientific activities at PSF, PMNH & PASTIC
- ii.* To assist the secretary for all administrative and establishment matters of the Foundation
- iii.* To supervise administration wing including maintenance and security of the PSF building
- iv.* Proper maintenance and handling of PSF transport.
- v.* Overall Management of meetings, conferences seminars, science fairs etc. being organized by Foundation.
- vi.* Training Need Assessment
- vii.* Formulating training module
- viii.* Establishing Human Resource Management Strategies
- ix.* T&D policies and programmes
- x.* Budget estimates for conducting T&D programmes per annum
- xi.* Performance appraisal and performance management

Senior Scientific Officer (BS-18)

15-08-2000 to 31-12-2005

Pakistan Science Foundation

- i.* To Promote Science culture in the country by adopting innovative techniques
- ii.* To popularize Science amongst the youth through Inquiry Based Scientific Education

- iii. To inculcate the idea of “Think Science” in the minds of young scholars through various methodologies
- iv. To arrange Popular Science Lectures at PSF
- v. To organize Conferences, Seminars and international workshops
- vi. To promote international liaison pertaining to scientific activities with different countries (S. Korea, France, China and OIC countries)
- vii. To organize Science Essay and Poster contests at inter board and intra board level
- viii. To prepare PC-Is for establishment of Science centres in the country
- ix. To hunt the talent from various Scientific and Educational institutes for participation in international science exhibitions and competitions
- x. To deliver Lectures at various Scientific Institutes to create awareness about the recent advances of Science and Technology in the country
- xi. Managing T&D activities
- xii. Formulating Training Modules
- xiii. T&D policies and programmes

Scientific Officer (BS-17)

25-10-1993 to 14-08-2000

Ayub Agriculture Research Institute, Faisalabad.

- i. To prepare PC-I for different Research Projects
- ii. To assess and monitor research at various substations (Sahiwal, Bahawalpur, Multan and Kalashahkaku)
- iii. Survey of the Punjab Province for assessing the disease incidence on fruit trees and vegetables
- iv. Integrated Disease Management programmes for citrus, Sugarcane and vegetables
- v. Evaluation of chemicals Vs Biological control treatments against Root-Knot Nematodes on various crops
- vi. Assessing the comparative efficacy of different organic amendments for the control of Root-Knot Nematodes on various field crops
- vii. Evaluation of culture filtrates of different fungi on the hatching of Meloidogyne Incognita
- viii. Efficacy of soil amendments with medicinal plant materials for the control of nematodes in GINSENG. (Research and Development Activities with particular reference to fruit trees, vegetables, cereals and other major crops)
- ix. Conducting training of Agriculture Officers at District level
- x. Farmer field school approach for disseminating modern technologies at village level
- xi. Preparing training modules on pesticide applications

Sales Manager

1991 to 1993

Agricides (Pvt.) Ltd. Multan

- i.* To create awareness among the farmers for adopting innovative technologies to enhance their crop production
- ii.* Chemical control of insects and pests of Cotton crop by applying appropriate dosages of pesticides
- iii.* Farmers training programmes with particular reference to Integrated Disease Management
- iv.* Consultancy services to the farmers for enhancing crop yields
- v.* Promoting effective Agronomic practices for cotton crop resulting in increased production (Field Work for integrated pest management)

International Conferences:

- i.* Visit to United Kingdom 23-07-2014 to 23-07-2014 to attend “**London International Youth Science Fair**” (LIYSF)-2014 as Chaperon of Students.
- ii.* Visit to **United States of America** from 16-04-2011 to 16-06.2011 to visit **S&T organizations** at New York, Atlanta, Georgia & California, US.
- iii.* Visit to **South Korea**, Seoul from 08-05-08 to 10-05-08, to attend **Korea Invention Exposition 2008** sponsored by Korean Intellectual Property Organization.
- iv.* **Bio-Asia 2008: The Global-Business Forum** February 7-9, 2008, **Hyderabad-India**.
- v.* Visit to **South Korea**, Seoul from 02-05-07 to 05-05-07, to attend **Korea Invention Fare 2007** sponsored by Korean Intellectual Property.
- vi.* Visit to **Malaysia** from 27-04.2007 to 30-04-2007 to attend “**Policy Making and Policy Formulation for Science & Technology**”
- vii.* **Organization Visit to France** from 15-20 December 2006 sponsored by French Embassy.

- viii. *International Students Inventions Exhibitions (ISIE 2006) Seoul, South Korea (20-25 July, 2006)*
- ix. *Visit to Thailand from 18-02-2003 to 26-02-2003 to visit Agricultural and S&T related Institutes of Thailand.*
- x. *Two days symposium on “KOREA soil and animal” from 14th June to 15th June, 2002 at Kyungsoong University, Jinju, South Korea.*
- xi. *Two days “Plant Pathology Conference” from 1st November 2002 to 2nd November 2002 at Muju, South Korea.*
- xii. *One day symposium on “Recent Advances in Plant Genomics and Molecular Breeding” at the Seoul National University, South Korea.*
- xiii. *Second joint colloquium on “Agricultural Biotechnology” on 4th June 2002 at the Seoul National University, South Korea organized by BK-21 and Cornell University, USA.*

Publications:

45 Research Papers published in well reputed National and International Journals

Membership in Societies & Organizations:

- i. *Pakistan Phytopathological Society*
- ii. *Pakistan Nematological Society*
- iii. *Korean Journal of Phytopathology*
- iv. *Pakistan Materials Research Society*
- v.

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.*

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*

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.*

Computer Knowledge:

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

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.

Personal Information:

CNIC No.	•	61101-8331863-7
Date of Birth	•	01 April, 1966
Nationality	•	Pakistani
Address	•	Present: 82-A, Judicial Town, Chattar Park, Islamabad Permanent: 108/12-L, Chichawatni, District Sahiwal

Research Publications:

Published 45 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. Phytopath. 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. Phytopath. Vol.II (2): 178-180, 1999.
5. Riaz Ahmed and Hafeez U. Khan. Citrus decline: problems and progress in the Punjab. Pak. J. Phytopath. 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 Nematophagous Fungus *Verticillium chlamyosporium*. Pak. J. Phytopath. 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. Phytopath. 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. Phytopath. 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. Phytopath. 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 the severity of Root-knot disease in Tomato. International Journal of Agriculture & Biology 1560-8530, 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. Phytopath. 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. Phytopath. 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 3rd National Conference of Plant Pathology, Oct. 1-3, 2001, NARC, Islamabad (Page 126-128).
15. Nazir Javed, Hafeez U. Khan and Riaz Ahmed. Selection of the Most suitable Host for the Mass Production of *Pasteuria 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 *Pasteuria 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. Mycopath(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 sawdusts 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 fluctuations in Sargodha District. . Pak. J Phytopathol 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 tomato caused by *Meloidogyne incognita*. 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., 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 ammendments 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.
42. Liaqat M. R., M.A.Ali, N.A.Khan, M. Kashif, H.U.Khan. Influence of different casing materials on the growth and yield of thermo-tolerant strains of *Agaricus bitorquis*. Pak. J. Phytopathol., Vol. 25(01):101-104, 2013.
43. Mursalin M., N. Javed, S.A. Khan, H.U. Khan, H. Abbas and M. Kamran. Combined efficacy of *Moringa oleifera* leaves and a fungus, *Trichoderma harzianum* against meloidogyne javanica on eggplant. Pakistan j. Zool., Vol. 46(3), pp. 827-832 2014.
44. Muhammad Atiq, Ashfaq Ahmad, Shahbaz T. Sahi, Syed A. A. Bukhari, Muhammad Younas, Muhammad Shafiq, Muhammad Fahad, Nuaman Bashir, Muhammad J. Zaiba, Hafeez U. Khan. Management of Powdery Mildew of OKRA (*Erysiphe Cichoracearum*) through diverse Germplasams. Pakistan J. Phytopathol, Vol. 26 (02) 2014.
45. Muhammad Atiq, Awais Karamat, Nasir Ahmad Khan, Muhammad Shafiq, Muhammad Younas, Raja T. Iqbal, Rizwan Bashir, Muhammad J. Zaib, Umar Nawaz, Hafeez U. Khan. Antifungal Potential of Plant Extracts and Chemicals for the Management of Black Scurf Disease of Potato. Pakistan J. Phytopathol, Vol. 26 (02) 2014.