

CURRICULUM VITAE

NAME ***DR. MUHAMMAD NASIR SUBHANI***



FATHER'S NAME : BASHIR AHMAD
CNIC NUMBER : 33100-0816371-9
DATE OF BIRTH : 08.12.1970
LANGUAGES KNOWN : URDU, ENGLISH, PUNJABI
POSTAL ADDRESS: INSTITUTE OF AGRICULTURAL SCIENCES,
UNIVERSITY OF THE PUNJAB, LAHORE
CELL PHONE : +92346-7733457
E-MAIL ADDRESS : nasirsubhani.iags@pu.edu.pk nasirsubhani@hotmail.com

ACADEMIC CAREER:

YEAR	DEGREE	SUBJECTS	INSTITUTION
2014	Ph. D.	Plant Pathology	University of Agriculture, Faisalabad
2002	M.S. (IT)	Information Technology	Preston Institute of Management, Science, and Technology, Karachi
1996	M. Sc. (Hons.) Agri.	Plant Pathology	University of Agriculture, Faisalabad
1994	B. Sc. (Hons.) Agri.	Plant Pathology	University of Agriculture, Faisalabad
1989	F. Sc.	Pre-Medical	Govt. College of Science, Faisalabad
1986	Matric	Science	Govt. M.C. H/S A.A. Road Faisalabad

DISTINCTIONS

- Obtained 1st position in Department in M.Sc. (Hons.) Agriculture Examination Session 1994-96
- Won merit scholarship throughout M.Sc. (Hons.) Agriculture for securing highest C.G.P.A in Department
- Obtained 2nd position in Department in B.Sc. (Hons.) Agriculture Examination Session 1989-94
- Obtained Certificate of Distinction in NCC as Runner Up in Firing Competition

PRACTICAL EXPERIENCE

	Post Held	From	To	Organization/Institute
<u>1</u>	Technical Sales Officer	01-01-1997	05-04-1999	AgrEvo Pakistan Private Limited, Gujranwala
<u>2</u>	Area Sales Manager	15-04-1999	30-12-2000	Pace Pesticides Private Limited, Gujranwala
<u>3</u>	Area Sales Manager	20-08-2002	20-09-2003	Roots International, Multan
<u>4</u>	Lecturer (Per Lecture Basis)	29-09-2003	04-09-205	College of Agriculture, D.G. Khan Sub Campus University of Agriculture, Faisalabad
<u>4</u>	Lecturer (Permanent)	05-09-2005	03-04-2013	College of Agriculture, D.G. Khan Sub Campus University of Agriculture, Faisalabad
<u>5</u>	Assistant Professor	04-04-2013	To date	Institute of Agricultural Sciences, University of the Punjab, Lahore

Administrative Work

- Worked as tutor group “E” at College of Agriculture, D.G. Khan 29-Sept.-2003 to 03-Feb.-2009.
- Member of Disciplinary Committee constituted at the college campus by administration regarding the matters of the lower staff.
- Convener Disciplinary Committee, Institute of Agricultural sciences, University of the Punjab, Lahore since, January, 2016 to date.

Projects Completed

- Bioefficacy of fungicides, bio-control agents and botanicals against anthracnose of Chilies incited by *Colletotricum capsici* **during 01-07-2013 to 30-06-2014.**
- In vitro efficacy of fungicides, and botanicals against red rot of sugarcane incited by *Colletotricum falcatum*, **during 01-07-2014 to 30-06-2015.**
- Comparative efficacy of fungicides, homeo-fungicides and methanol plant extracts against Bakanae disease of rice incited by *Fusarium moniliforme*, During **01-07-2015 to 30-06-2016**

Ongoing Projects

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Conferences attended

- 5th International/10th National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture, held on November, 23-25, **2015**. Organized by Institute of Agricultural Sciences, University of the Punjab, Lahore.
- 4th International Molecular Biology and Biotechnology Congress and Conference on Life Sciences Research, held on 04-06 September, **2015** at ISRA University, Islamabad.
- 10th Biennial International Conference of Pakistan Society of Microbiology, Exploring Microbes for Future Endeavors, held on March, 25-28, **2015**, Organized by Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore, Pakistan.
- International Conference of Plant Sciences, (ICPS), organized by Department of Botany, GC University, Lahore, held on September, 22-24, **2014**.
- 5th Asian Conference on Plant Pathology (ACPP2014), organized by Div. of Plant Pathology and Microbiology, Deptt. of Agriculture, Bangkok, held at Chiang Mai, Thailand held on November, 03-06, **2014**.
- 5th International Conference on “Agriculture, Food security and climate change” held at University of Poonch, Rawalakot September, 09-11, **2014**.
- International Conference on Stress Biology and Biotechnology, Challenges and Management held in Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan from 21-23, May **2014**.
- International Conference on Recent Development in Human Nutrition, March 19-20, **2014**, at Pearl Continental Hotel, Lahore, Pakistan.
- Participated in the International Symposium on Strategies For Overcoming Food Security Problems Through Utilization of Rain-Fed Areas, at University of Sargodha, Sargodha, Pakistan March 26-28, **2014**.
- International Conference of Pakistan Phytopathological Society, Climate Change and Plant Diseases, Challenges and Opportunities, University of Karachi, Karachi, Pakistan January 23-25, **2014**.
- 8th National Conference of Plant Pathology, University of Agriculture, Faisalabad, Pakistan **2012**.

- 2nd National Conference of Plant Pathology, University of Agriculture, Faisalabad, Pakistan, held on Sep. 27-29, **1999**.

Seminars/ Training

- National Workshop on Alternate Crops for the Future of Pakistan held on 16th May, **2016** at Institute of Agricultural Sciences, University of the Punjab, Lahore
- Workshop on Total quality management held on 23rd January, **2016** at Institute of Agricultural Sciences, University of the Punjab, Lahore
- National Workshop “sustainable production of pulses” (Situation analysis) Organized by Bahauddin Zakariya University, Multan held on August, 14th, **2015**.
- 3rd Faculty Training Program at University of the Punjab, Lahore, held at Department of Microbiology and Molecular Genetics in Collaboration with Learning Innovation Division HEC award. During November, 17-21, **2014**.
- Awareness Seminar on food safety & Hygiene held on 13, November, **2014** at Institute of Agricultural Sciences, University of the Punjab, Lahore
- Training workshop “Student/Researcher on Gas Chromatography” held in School of Physical Sciences, University of the Punjab, Lahore, Pakistan from 16-17 May, **2014**.
- 12th National Training Course on modern techniques in Biotechnology, National Institute of Biotechnology and genetic engineering, Faisalabad, 17-21, Feb. **2014**.
- Two days’ workshop on Faculty Professional Training for the Core Modules: Teaching as Profession and Communication Skills, June 19-20, **2013**.
- Identification and demonstration of Plant Parasitic and beneficial nematodes held in Department of Plant Pathology, University of Agriculture, Faisalabad, on Feb. 08-1-**2011**.
- Identification of Plant Pathogenic Fungi held in Department of Plant Pathology, University of Agriculture, Faisalabad, on Feb. 08-1-**2011**.
- International training on “Recent advances in etiology and management of mango sudden death syndrome held in Department of Plant Pathology, University of Agriculture, Faisalabad, on Oct. 27-31-**2010**.
- Workshop on Applied Multivariate Statistical Techniques using different Statistical packages, held in the Department of Mathematics and Statics, University of Agriculture, Faisalabad Pakistan, during June, 05-10, **2006**.

PUBLICATIONS

1. Waheed Anwar, **Muhammad N. Subhani***, Muhammad S. Haider, Ahmad A. Shahid, Hamid Mushtaq, Muhammad Z.U. Rehman, Usman Hameed, Sidra Javed. **2016**. First record of *Trichoderma longibrachiatum* as entomopathogenic fungi against *Bemisia tabaci* in Pakistan. Pak. J. Phytopathol. **28(02): 287-294**.
2. Rahat Ghaffar, Waheed Anwar, Khadija Imtiaz, Muhammad Shafiq, **Muhammad Nasir Subhani*** and Muhammad Saleem Haider. **2016**. Diversity of internal transcribed spacer (ITS) region of *Fusarium* isolates in Pakistan. The J. Anim. Plant Sci. **26(5):1368-1373**.
3. Muhammad Imran, **Muhammad Nasir Subhani*** and Waseem Abbas. **2016**. Reaction of potato varieties/lines against (PVY) under natural field conditions and confirmation of the field results through ELISA. Journal of Global Agriculture and Ecology. **5(4): 195-199**
4. Waseem Abbas **and Muhammad Nasir Subhani**. **2016**. Efficiency of Plant Extracts to Control PVY & PLRV and their vector population in Potato. Journal of Biol. and Nature. **5(3): 154-157**.
5. **Muhammad Nasir Subhani**. **2016**. *Phytophthora infestans* (Mont.) de Bary (Peronosporales: Pythiaceae): A review of Life history, evolutionary status of pathogen, host range, mating types, symptomology, disease cycle, means of dispersal, extent of losses, and management. Journal of Global Agriculture and Ecology. **5(2): 108-126**.
6. **Muhammad Nasir Subhani**, Shahbaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2015**. Effect of late blight caused by *Phytophthora infestans* (Mont.) de Bary on Nitrogen content in leaves of advanced potato lines/cultivars. Acad. Res. J. Agric. Sci. Res. **4(1): 31-34**.
7. Kiran Nawaz, Ahmad Ali Shahid, **Muhammad Nasir Subhani***, Waheed Anwar and Muhammad Aslam. **2016**. First report of *Pythium spinosum* causing Root Rot Disease of Chilli (*Capsicum annuum*) in Pakistan. Plant Disease. **100(2): 526**.
8. **Muhammad Nasir Subhani**, Shahbaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2015**. Efficacy of fungicides against Late blight of potato incited by *Phytophthora infestans* (Mont.) de Bary. Acad. Res. J. Agric. Sci. Res. **3(9): 245-250**
9. **Muhammad Nasir Subhani**, Shahbaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2015**. Effect of late blight caused by *Phytophthora infestans* (Mont.) de Bary on calcium content in leaves of advanced potato lines/cultivars. Acad. Res. J. Agric. Sci. Res. **3(6): 107-110**.

- 10. Muhammad Nasir Subhani. 2015.** Isolation and efficacy of fungicides and homeo-fungicides against anthracnose of chilies caused by *Colletotrichum capsici*. Pakistan Journal of Nutrition. 14 (6): 325-329.
- 11. Muhammad Nasir Subhani, Shahbaz Talib Sahi, Liaqat Ali, Abdul Rehman and Waqas Wakil. 2015.** Genotypic variations in potassium contents of potato leaves infested with late blight of potato incited by *Phytophthora infestans* (Mont.) de Bary. *Journal of Environmental & Agricultural Sciences*. 2(6): 1-6.
- 12. Muhammad Khaleel, Muhammad N. Subhani, Azhar Ali, Shahbaz T. Sahi, Safdar Hussain, Waseem Abbas. 2014.** In-vitro evaluation of homeo-fungicides and methanolic plant extracts against mycelial growth of *Fusarium oxysporum* f.sp. *pisi* causing wilt disease in pea. Pak. J. Phytopathol. 26(02): 247-252.
- 13. Muhammad Nasir Subhani, Shahbaz Talib Sahi, Abdul Rehman and Waqas Wakil. 2014.** Effect of late blight caused by *Phytophthora infestans* on phenolic contents of potato advanced lines/cultivars. Pak. J. Phytopathol. 26(02): 213-218.
- 14. Muhammad Nasir Subhani, Shahbaz Talib Sahi, Abdul Rehman and Waqas Wakil. 2014.** Effect of late blight caused by *Phytophthora infestans* (Mont.) de Bary on Phosphorus in leaves of advanced potato lines/cultivars. Acad. Res. J. Agric. Sci. Res. 3(1): 4-7.
- 15. Hafiz M. K. Abbas, Muhammad A. Farooq, Sagheer Atta, Muhammad Nasir Subhani, Muhammad S. Haider, Sajid Ali. 2014.** Evaluation of different sugar beet varieties against *Fusarium oxysporum* f. sp. *betae* and *Alternaria alternata*. Pak. J. Phytopathol. 26 (01): 115-117.
- 16. Muhammad Nasir Subhani, Shahbaz Talib Sahi, Safdar Hussain, Niyar Munir, Waseem Abbas and Muhammad Bilal. 2014.** Evaluation of Antifungal Effect of Different Plant Extracts for the Management of Late Blight of Potato Caused by *Phytophthora infestans* (Mont.) de Bary. *Journal of Biologically Active Products from Nature*. 4(2): 125-135.
- 17. Waseem Abbas, Muhammad Nasir Subhani, Muhammad Ayub, Muhammad Makky Javed, Shamim Akhtar, Ghulam Mohy-ud-din, Muhammad Nasir and Muhammad Attiq. 2014.** Evaluation of potato lines/ varieties for the resistant source against PVX, PVY and PLRV under natural field conditions. Int. J. Inn. Sci. Math. 2(1): 34-37.
- 18. Safdar A. Anwar, S. Riaz, C. A. Ahmad, M. N. Subhani and M.B. Chattha. 2013.** Mycoflora associated with stored seeds of soybean. Mycopath. 11(2): 85-90.

19. **Muhammad Nasir Subhani**, S.T. Sahi Abdul Rehman and Waqas Wakil. **2013**. Sources of genetic resistance against the late blight of potato in Pakistan. *Peak J. Biotech.* 1(1):1-6.
20. **Muhammad Nasir Subhani**, S.T. Sahi, Liaqat Ali, Safdar Hussain, Javaid Iqbal and Nisar Hussain. **2013**. Management of Chickpea wilt caused by *Fusarium oxysporium* f. sp. *ciceris* through antagonistic microorganisms. *Can. J. Pl. Prot.* 1(1): 1-6.
21. Hussain S., M. Ahmad, S. Ahmad, J. Iqbal, **Muhammad Nasir Subhani**, S.M. Nadeem, S. Atta and M. Ibrahim. **2013**. Improvement of Drought Tolerance in Sunflower (*Helianthus annuus* L.) By Foliar Application of Abscisic Acid and Potassium Chloride. *Pak. J. Nutr.* 12 (4): 345-352.
22. Ali A., S.M.A. Basra, J. Iqbal, S. Hussain, **Muhammad Nasir Subhani**, M. Sarwar and A. Haji. 2012. Augmenting the salt tolerance in wheat (*Triticum aestivum*) through exogenously applied silicon *Afr. J. Biotech.* 11(3): 642-649.
23. Ali A., S.M.A. Basra, J. Iqbal, S. Hussain, **M. N. Subhani**, M. Sarwar and A. Haji. 2012. Silicon mediated biochemical changes in wheat under salinized and non-salinized solution cultures. *Afr. J. Biotech.* 11(3): 606-615.
24. **Muhammad Nasir Subhani**, S.T. Sahi, S. Hussain, A. Ali, J. Iqbal, and K. Hameed, 2011. Evaluation of various fungicides for the control of gram wilt caused by *Fusarium oxysporum* f.sp. *ciceris*. *Afr. J. Agric. Res.* 6(19): 4555-4559.
25. **Muhammad Nasir Subhani**, S.T. Sahi, S. Hussain, M.A. Chaudhry, N. Munir, and M. Ahmad. 2011. Effectiveness of fungicides in controlling red rot caused by *Colletotrichum falcatum* Went and improving growth parameters of sugarcane crop. *Life Sci. Int. J.* 5(3): 2315-2319.
26. Khan M.A., D.A. Gogi, A. Khaliq, **Muhammad Nasir Subhani** and A. Ali. **2010**. Efficacy of methyl eugenol and cue-lure traps for monitoring melon fruit fly in relation to environmental conditions in bitter gourd crop. *J. Agric. Res.* 48(4): 525-530.
27. **Muhammad Nasir Subhani**, M.A. Chaudhry, A. Khaliq and F. Muhammad, 2008. Efficacy of various fungicides against sugarcane red rot (*Colletotrichum falcatum*). *Int. J. Agri. Biol.* 10(6): 725-727.
28. Khan, M.A., A. Khaliq, **Muhammad Nasir Subhani** and M.W. Saleem, 2008. Incidence and development of *Thrips tabaci* and *Tetranychus urticae* on field grown cotton. *Int. J. Agri. Biol.* 10(2): 232-234.

29. Khaliq A., **Muhammad Nasir Subhani**, S.W. Hassan and M.A. Murtaza. 2008. Role of different weather conditions on the incidence and development of American bollworm. *Sci. Int. (Lahore)*, 20(4): 277-279.
30. **Muhammad Nasir Subhani**, M.A. Chaudhry, A. Khaliq and F. Muhammad. 2008. Screening of promising varieties/lines of chickpea against *Fusarium* Wilt. *Sci. Int. (Lahore)*, 20(3): 225-227.
31. Khaliq A., **Muhammad Nasir Subhani**, S.W. Hassan and M.A. Murtaza. 2008. Effect of weather factors on the incidence and development of pink bollworm on flowers of advance cotton genotypes. *Sci. Int. (Lahore)*, 20(2): 127-130.
32. Khaliq A., **Muhammad Nasir Subhani**, S.W. Hassan and M.A. Murtaza. 2007. Effect of abiotic factors on the infestation of spotted bollworm in advance genotypes of cotton. *Sci. Int. (Lahore)*, 19(4): 309-310.
33. **Muhammad Nasir Subhani**, I.A. Khan, M.B. Ilyas, and M.A. Randhawa, 1999. Response of transgenic replicase resistant tobacco plants against the extra virulent strain of TMV. *Proc. 2nd N. Con. P. Path., Univ. Agric., Faisalabad, Pakistan, Sept. 27-29, 1999.* 309-312.
34. Ilyas, M.B., **Muhammad Nasir Subhani**, I.A. Khan and M.A. Randhawa, 1999. Effect of NAA and IAA on rooting and shooting of somatic embryoids. *Proc. 2nd N. Con. P. Path., Univ. Agric., Faisalabad, Pakistan, Sept. 27-29, 1999.* 305-308.
35. **Muhammad Nasir Subhani**, I.A. Khan, M.B. Ilyas, and M.A. Randhawa, 1999. Effect of Benzylaminopurine on callus induction and somatic embryogenesis from leaf discs of transgenic replicase resistant tobacco plants. *Proc. 2nd N. Con. P. Path., Univ. Agric., Faisalabad, Pakistan, Sept. 27-29, 1999.* 301-304. 24.
36. **Muhammad Nasir Subhani**, I.A. Khan and M.B. Ilyas, 1997. Segregation of kanamycin resistance gene in transgenic tobacco plants. *Pak. J. Phytopath.*, 9(2): 127-131.

CONFERENCE ABSTRACTS

1. Kiran Nawaz, Ahamad Ali Shahid, **Muhammad Nasir Subhani** and Waheed Anwar. **2015**. Isolation and molecular characterization of *Pythium spinosum* causing root rot of chili (*Capsicum annuum* L.) in Pakistan. 5th International/10th National Conference of Pakistan Phytopathological Society "Crop Protection for Sustainable Agriculture" held on November,

- 23-25, 2015. Organized by Institute of Agricultural Sciences, University of the Punjab, Lahore.
2. **Muhammad Nasir Subhani**, Waseem Abbas and Muhammad Bilal Chattha. **2015**. Efficacy of plant extracts to control vector population of PVY & PLRV in potato crop. 5th International/10th National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture” held on November, 23-25, 2015. Organized by Institute of Agricultural Sciences, University of the Punjab, Lahore.
 3. Muhammad Khaleel, **Muhammad Nasir Subhani**, Muhammad Bilal Chattha, Hafiz Azhar Ali Khan and Waseem Abbas. **2015**. Efficacy of methanolic plant extracts against mycellial growth of *Fusarium oxysporum* f. sp. *pisi*. 5th International/10th National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture” held on November, 23-25, 2015. Organized by Institute of Agricultural Sciences, University of the Punjab, Lahore.
 4. Safdar Hussain, Abdul Rehman and **Muhammad Nasir Subhani**. **2015**. Improvement of drought tolerance in wheat (*Triticum aestivum* L.) Genotypes by application of growth regulators, compatible solutes and plant Water extracts. 5th International/10th National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture” held on November, 23-25, 2015. Organized by Institute of Agricultural Sciences, University of the Punjab, Lahore.
 5. **Muhammad Nasir Subhani**, Muhammad Bilal Chattha and Waseem Abbas. **2015**. Antifungal potential of plant extracts for the management of anthracnose of chili caused by *colletotrichum capsici*. “4th International Molecular Biology and Biotechnology Congress and Conference on Life Sciences Research” held on 04-06 September, 2015 at ISRA University, Islamabad.
 6. Muhammad Imran, Waseem Abbas, Muhammad Bilal Chattha and **Muhammad Nasir Subhani**. **2015**. Screening of potato cultivars against (PVY) in natural conditions and confirmation of the field results through ELISA. 10th Biennial International Conference of Pakistan Society of Microbiology, Exploring Microbes for Future Endeavors, held on March, 25-28, 2015, Organized by Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore, Pakistan.

7. **Muhammad Nasir Subhani**, Shahabaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2014**. Effect of late blight caused by *Phytophthora infestans* on phenolic contents of potato cultivars. 5th Asian Conference on Plant Pathology (ACPP2014), held on November, 03-06, organized by Div. of Plant Pathology and Microbiology, Deptt. of Agriculture, Bangkok, held at Chiang Mai, Thailand.
8. **Muhammad Nasir Subhani**, Shahabaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2014**. Effect of late blight caused by *Phytophthora infestans* on Nitrogen in leaves of potato lines/cultivars. International Conference of Plant Sciences, (ICPS), organized by Department of Botany, GC University, Lahore, Pakistan.
9. **Muhammad Nasir Subhani**, Muhammad Bilal, Shahabaz Talib Sahi, Abdul Rehman and Waqas Wakil. **2014**. Effect of late blight caused by *Phytophthora infestans* on Phosphorus in leaves of potato lines/cultivars. International Conference of Plant Sciences, (ICPS), organized by Department of Botany, GC University, Lahore, Pakistan.
10. Muhammad Khaleel, **Muhammad Nasir Subhani**, Azhar Ali, Shahabaz Talib Sahi, Waseem Abbas and Muhammad Bilal Chattha. **2014**. In vitro evaluation of fungicides by poisoned food technique against mycelial growth of *Fusarium oxysporum* f.sp. *pisi*. 5th International Conference on "Agriculture, Food security and climate change" September, 09-11, 2014 held at University of Poonch, Rawalakot, Pakistan.
11. Muhammad Bilal Chattha, **Muhammad Nasir Subhani**, Malik Fayaz Hussain Firdausi, Nasir Mahmood, Muhammad Umer and Hassan Munir. **2014**. Effect of irrigation timings on yield and yield components at different stages under climatic conditions of Sargodha. 5th International Conference on "Agriculture, Food security and climate change" September, 09-11, 2014 held at University of Poonch, Rawalakot.
12. **Muhammad Nasir Subhani**, Shahabaz Talib Sahi, Safdar Hussain and Niyyar Munir. **2014**. Field evaluation of antifungal effect of crude botanical extracts on *Phytophthora infestans* (Mont.) de Bary for sustainable development of agriculture. OIDA International Conference on Sustainable Development 2014 - **Toronto, Canada. (August, 7-8, 2014)** held at International Living and Learning Centre, Ryerson University, Toronto, Ontario, Canada.
13. Muhammad Bilal Chattha, **Muhammad Nasir Subhani**, Nasir Mahmood, Muhammad Umer and Hassan Munir. **2014**. Management of whip smut sugarcane disease caused by *Ustilago scitaminea* through fungicides. International Conference on Stress Biology and

Biotechnology; Challenges & Management. (May 21-23, 2014) held at Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.

14. Muhammad Bilal Chattha, **Muhammad Nasir Subhani**, Nasir Mahmood, Muhammad Umer and Hassan Munir. **2014**. Management of whip smut sugarcane disease caused by *Ustilago scitaminea* through fungicides. International Conference on Stress Biology and Biotechnology; Challenges & Management. (May 21-23, 2014).
15. Muhammad Bilal Chattha, Muhammad Umer Chattha, Muhammad Usman, Hassan Munir, Nasir Mahmood, **Muhammad Nasir Subhani**. **2014**. Mulching: A practical approach to mitigate the climate change effect for sustainable sugarcane production. 2nd International Conference on Global Environmental Changes. (February, 25-26, 2014).
16. Muhammad Bilal Chattha, Muhammad Umer, Muhammad Usman, Hassan Munir, Nasir Mahmood and **Muhammad Nasir Subhani**. **2014**. Interactive effects of different levels of phosphorus and Humic acid on the growth and yield of spring maize (*zea mays* l.). International Conference Emerging Horizons of Agricultural Extension for Sustainable Rural Development (February 27-28, 2014).
17. **Subhani, M.N.**, S.T. Sahi, A. Rehman and Waqas Wakil **2014**. Comparative efficacy of different fungicides against Late blight of potato caused by *Phytophthora infestans* (Mont.) de Bary. International Conference of Pakistan Phytopathological Society, Climate Change and Plant Diseases, Challenges and Opportunities January 23-25, 2014, University of Karachi, Karachi, Pakistan.
18. **Muhammad Nasir Subhani**, Shahbaz Talib Sahi and Safdar Hussain. 2013. Management of Late blight of potato caused by *Phytophthora infestans* (Mont.) de Bary through botanicals. 19th Australasian plant pathology conference, November 25-28, 2013”
19. Ali, A., S.M.A. Basra, J. Iqbal, **M.N. Subhani** and S. Hussain. 2011. Silicon induced biochemical changes and growth enhancement in wheat grown under salinity stress. National Conference on “Sustainable Agriculture in changing Climate”, July, 07-09, 2011: P-18.

STUDENTS SUPERVISED (M.Sc. (Hons.) Agriculture)

As Supervisor (Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan)

Year 2016

1. **Imran Bashir, MSPP14-05** “Isolation, identification and management of *Fusarium oxysporum* pv. *gladioli* causing corm rot of Gladiolus through fungicides, methanolic plant extracts and antagonistic microorganisms”
2. **Qamar Yousaf, MSPP14-13** “identification and management of *Phytophthora palmivora* causing leaf spot of Chinese fan Palm through fungicides, methanolic plant extracts and antagonistic microorganisms”
Year 2015
3. **Aroosa Khan, MSPP13-25** “Morphological and molecular characterization of *Penicillium ulaiense* causing postharvest decay in citrus”
Year 2014
4. **Khalil Ahmad, MSPP12-17** “Biology and management of *Fusarium oxysporum* f.sp. *pisi* through fungicides, Plant extracts, and antagonistic microorganisms”

Under Supervision (M.Sc. (Hons.) Agriculture

During 2017

1. (MSPP15-)

AS CO SUPERVISOR

Nil

AS 1st MEMBER

Nil

AS 2nd MEMBER

1. **Efficacy of some insecticides for controlling the aphid (*Lipaphis erysimi*) on canola** (Muhammad Zakaria, Regd. No. 2006-ag-2294). College of Agriculture, D.G. Khan sub-campus University of Agriculture, Faisalabad, **Pakistan**
2. **Efficacy of insecticides and plant extracts for controlling the diamondback moth (*Plutella xylostella* L.) of Cabbage** (Abdul Rehman, Regd. No. 2006-ag-2298). College of Agriculture, D.G. Khan sub-campus University of Agriculture, Faisalabad, **Pakistan**

3. **Comparative efficacy of different insecticides against *Microtermes obesi* (Isoptera: Termitidae)** (Mr. Saif Ullah, Reg. No. 2005-ag-1274). College of Agriculture, D.G. Khan sub-campus University of Agriculture, Faisalabad, **Pakistan**
4. **Determination of susceptibility level of some locally used wheat varieties towards of *Sitotroga cerealella* (Oliver.) (Lepidoptera: Gelechiidae)** (Mr. Muhammad Umair Asgher, Reg. No. 2006-ag-2270). College of Agriculture, D.G. Khan sub-campus University of Agriculture, Faisalabad, **Pakistan**