

Curriculum Vitae

REHANA NAZ SYED

Family Name Syed
Place of Birth Karachi
Nationality Pakistani
[Rehana Naz Syed - Google Scholar](#)



EDUCATION

- **The University of Queensland, Australia**
Postdoc (2018) under Endeavour Scholarship and Fellowship
- **Georg August University, Germany**
PhD Agriculture (2011) under scholarship offered by German Academic Exchange Service (DAAD) & Higher Education Commission (HEC)
Thesis Title: Chemical and Genetic diversity in sesame (*Sesamum indicum* L.)
<http://ediss.uni-goettingen.de/handle/11858/00-1735-0000-000D-EF3B-E>
Advisor: Prof. Dr. Petr Karlovsky
- **Sindh Agriculture University Tandojam, Pakistan**
M.Sc. Plant Pathology, January 2004.
Thesis Title: Evaluation of different fungicides against root rot disease of sesame caused by *Macrophomina phaseolina*.
Advisor: Prof. Hanif Arain
- **Sindh Agriculture University Tandojam, Pakistan**
B.Sc. Plant Pathology March 2002.
- **Board of Intermediate and Secondary Education Hyderabad, Pakistan**
Intermediate (Pre-medical) 1995.
Metric (Pre-Medical) 1993

PROFESSIONAL EXPERIENCE

- **Academic year 2019 and calendar year 2020** served as Factotum to conduct the examination for the faculty of Crop Protection, Agriculture University Tandojam, Sindh Pakistan
- **November-2015 to date** working as **Associate Professor** in the Department of Plant Pathology, Agriculture University Tandojam, Sindh Pakistan
- **June-2016 to December-2016** worked as **Incharge Chairperson**, of Department of Plant Pathology, Faculty of Crop Protection. Sindh Agriculture University Tandojam.
- **May 2011 to November-2015** worked as **Assistant Professor** in the Department of Plant Pathology, Agriculture University Tandojam, Sindh Pakistan
- **April 2007 to November 2011** worked as Ph.D researcher in Molecular Phytopathology and Mycotoxin Laboratory at Georg August University, Goettingen

- **Dec. 2003 to November 2011** worked as Lecturer in the Department of Plant Pathology, Agriculture University Tandojam, Sindh Pakistan
- **2002-2003** worked as M.Sc research student in laboratory of Department of Plant Pathology, Sindh Agriculture University Tandojam

Honors/Awards

- ☐ **Vice President Sindh**, Pakistan Phytopathological Society 2020 to date.
- ☐ Reviewer of HEC and PARC Research projects.
- ☐ **Won Australian Endeavour** Research Fellowship for Postdoctoral Research, 2018.
- ☐ **Won Ph.D scholarship** for Staff Developing Course under the Scheme National Academy of Higher Education Commission Pakistan offered by German Academic Exchange Service (DAAD) & Higher Education Commission (HEC), 2007.
- ☐ **Qualify GRE (GAT)** with 86% score.
- ☐ **Member of HEC** National Curriculum Committee of Plant Pathology 2013-2014.
- ☐ **HEC-approved PhD Supervisor** Higher Education Commission (HEC) Pakistan recognized HEC-approved PhD Supervisor since 2015 to date.
- ☐ **Member Program Teams** of Department of Plant Pathology, SAU Tandojam.
- ☐ **Member Board of Studies** of Department of Plant Pathology, SAU Tandojam.
- ☐ **Member Board of Studies** of Faculty of Crop Protection, SAU Tandojam.
- ☐ **Member Program Teams** of Quality Enhancement Cell, Department of Plant Pathology, SAU Tandojam.
- ☐ **Member** Australia-Pakistan Agricultural Sector Linkages Program, 2011 to 2016.
- ☐ **Member National Organizing Committee of 3rd** International Conference of Pakistan Phytopathological Society on “Climate Change and Plant Diseases: Challenges and Opportunities” at the Department of Agriculture & Agribusiness Management, University of Karachi, Karachi, Pakistan (January 23-25, 2014).
- ☐ **Member Advisory Board** & Organizer of 1st International Online Biological Congress (OIBC 2014) 28 August - 3 September 2014.
- ☐ **Serve as Resource as person** at Farmers Training & Skill Development Centre Hyderabad of Sindh Chamber of Agriculture.
- ☐ **Chair Technical Session** at 14th National and 5th International Conference of Botany “Climate Change and: Challenges and Opportunities” Pakistan Botanical Society held at University of Karachi, Karachi, Pakistan from January 15-18, 2016.

- ☐ **Australian Centre of Agriculture Research awarded travel grant** (for scientist/researchers) to participate at the 10th International Congress of Plant Pathology (ICPP 2013) “Bio-security, Food Safety and Plant Pathology: The Role of Plant Pathology in a Globalized Economy”, Beijing, China (25-30 August, 2013).
- ☐ **ACIAR Event Funding grant** (to assist ACIAR project collaborators to attend the IX International Mango Symposium and associated Master Classes to be held in Darwin between 26th September and 2nd October, 2015).
- ☐ **Shield and certificate from the University of Queensland, Australia** (in recognition of contribution to research and development in mango sector in 2015).

RESEARCH EXPERIENCE

- Worked as Postdoc Scholar at University of Queensland, Australia Postdoc under Endeavour Scholarship and Fellowship from April 2018 to Oct 2018.
- Worked as Ph.D researcher in Molecular Phytopathology and Mycotoxin Lab at Georg August University, Goettingen, Germany from April 2007 to Nov 2011.
- Worked as M.Sc research student in laboratory of Department of Plant Pathology, Sindh Agriculture University Tandojam from 2002-2003.

RESEARCH STUDENTS SUPERVISED/UNDER SUPERVISION

PhD Students:

Name of the Student	Research Title	Address	Status	Supervisor/ Co-supervisor
Mr. Namat Kundhar	Prevalence, etiology and control of banana wilt disease	Department of Plant Pathology, Sindh Agri. Univ. Tandojam	Working under progress	Supervisor
Mr. Nabeel Khanzada	Seedling and Root Diseases of Chilli and their management	Department of Plant Protection, Sindh Agri. Univ. Tandojam	Working under progress	Co-supervisor
Ms. Anam Mehwish Khanzada	Biological control of okra mealy bug by fungal bio-control agents	Department of Plant Pathology, Sindh Agri. Univ. Tandojam	Working under progress	Co-supervisor
Mr. Muhammad Aslam	Morphological and molecular evaluation of sugarcane cultivars (<i>Saccharum officinarum</i> L.) against whip smut (<i>Ustilago scitaminea</i>)	Department of Plant Pathology, Sindh Agri. Univ. Tandojam	Completed	Co-supervisor
Mrs. Nadia Jabeen	Studies on macro fungi from Hazara region of Khyber Pukhtun Khawa (KPK)	Department of Plant Pathology, Sindh Agri. Univ. Tandojam	Working under progress	Co-supervisor

M.Sc Students: Supervised number of M.Sc research students of Department of Plant Pathology, Sindh Agriculture University Tandojam as major supervisor.

Name of the Student	Reg. No.	Research Title
Ghulam Qadir Behrani	2K11-PP-329	Pathogenicity and chemical control of basal rot of onion caused by <i>Fusarium oxysporum</i>
Nobel	2k12-PP-252	Evaluation of different orchards for the development

Mansha		of mango postharvest rots
Muhammad Ather	2K13-PP-333	Essential oils and yeast for the control of crown rot of banana caused by <i>Fusarium</i> sp.
Imtiaz Hussain	2k13-PP-328	Pathogenicity and chemical control of crown rot of banana
Ali Akbar	2K13-PP-319	Chemical control of root rot of chilli caused by <i>Rhizoctonia solani</i>
Maqbool Ahmed	2k13-PP-330	Efficacy of different fungicides against <i>Fusarium</i> crown and root rot of tomato
Attaullah	2K13-PP-341	Efficacy of some indigenous (medicinal and aromatic) plants of Balochistan and fungicides against <i>Alternaria solani</i> , causing early blight disease of tomato
Shehbaz Jawed	2K14-PP-311	Efficacy of different fungicides and bio control agents against <i>Fusarium oxysporum</i> , causal agent of Potato dry rot
Marvi Hingoro	2K14-PP-292	Efficacy of different chemicals and bio-control agents against <i>Curvularia lunata</i> causing fruit rot of tomatoes
Mohammad Zakir	2K15-PP-274	Assessment of purple blotch of onion and screening of different bioagents against <i>Alternaria porri</i>
Owais Iqbal	2k15-PP-278	Role of different fungal pathogens in chilli wilt disease development
Tahir Hussain	2k15-PP-287	Fungal pathogens associated with chickpea and impact of chemical seed treatments on seedling emergence and growth
Sajawal	2k16-PP-85	Prevalence, associated fungi and cause of dieback of <i>Polyalthia longifolia</i>
Mubarak Ali Bugti	2K16-PP-79	Effect of fungicides on enumeration and survival of resting structures of <i>Macrophomina phaseolina</i> and <i>Fusarium</i> sp. causing sunflower wilt
Fakhar Nadeem	2K16-PP-73	Biological and chemical control of purple blotch of onion caused by <i>Alternaria porri</i>
Absar Jskani	2K17-PP-62	Germplasm assessment and chemical control of lentil wilt
Wajid Hussain Baloch	2K17-PP-77	Etiology and varietal screening of bottle gourd against vine decline disease
Mansoor Ali	2K17-PP-69	Management of <i>Lasiodyplodia theobromae</i> through the application of fungicides and <i>Trichoderma harzianum</i>

RESEARCH PROJECTS

PROJECTS COMPLETED

- As Co-PI Successfully completed Mango Value Chain Project ‘**Mango Postharvest Disease Assessment of SMG Orchards**’ Funded by Australia Pakistan Agriculture Sector Linkages

Program (ASLP-II) Through Pakistan Horticultural Development and Export Company (PHDEC) in year 2013 of Rs. 465,150.00.

- **AS PI** in Mango Value Chain Project ‘**Mango Postharvest Disease Assessment of SMG Orchards**’ Funded by Australia Pakistan Agriculture Sector Linkages Program (ASLP-II) Through Pakistan Horticultural Development and Export Company (PHDEC) of Rs. 383,250.00 (2014).
- **As PI** research project entitled “**Disease Evaluation of Commercial Supply Chains/Orchards of Sindh Mango Growers & Exporters**” Funded by Australia Pakistan Agriculture Sector Linkages Program (ASLP-II) Through Pakistan Horticultural Development and Export Company (PHDEC) of Rs. 628110.00 (2016).
- **As Co-PI/PI** research project entitled “**Preliminary Studies of Vegetable Diseases Caused by *Phytophthora capsici* in Sindh**” funded by HEC Pakistan (Rs. 204,000.00)
- **As Co-PI** research project entitled “**Seedling and Root Diseases of Chilli and their Control**” funded by Sindh Agricultural Growth Project under ‘Competitive Agricultural Research Development Fund’ (SAGP-CARDF) of Rs. 3.203,0 million.

PROJECTS SUBMITTED/EVALUATION

- **As PI** research project entitled “**Control of mango postharvest diseases through non-chemicals means**” submitted To Pakistan Agricultural Research Council under Agricultural Linkages Programme (ALP) 9th batch of Rs. 9.00 millions.
- **As PI** research project entitled “**Distribution, diagnostics and containment of Panama wilt of banana disease in Pakistan**” submitted To Pakistan Agricultural Research Council under Agricultural Linkages Programme (ALP) 9th batch of Rs. 8.50 millions.
- **As Co-PI** research project entitled “**Prevalence and control of root diseases of vegetables caused by *Pythium aphanidermatum***” submitted To Pakistan Agricultural Research Council under Agricultural Linkages Programme (ALP) 9th batch of Rs. 7.00 millions.
- **As PI** research project entitled “***In-vitro* bioassay for rapid screening of tissue cultured banana plantlets against panama wilt disease of banana**” to Research, Innovation, and Commercialization, Sindh Agriculture University Tandojam (1.00 million)
- **As PI** research project entitled “**Prevalence and management of diseases of hydroponically grown tomato**” to Research, Innovation, and Commercialization, Sindh Agriculture University Tandojam (0.5 million).
- **As Co-PI** research project entitled “**Prevalence and management of major Onion Diseases**” to Research, Innovation, and Commercialization, Sindh Agriculture University Tandojam (1.00 million)

TRAINING COURSES/ WORKSHOP

1. Participated in online Training Program on “How to Manage Your References Using RefWorks” organized by ProQuest and Higher Education Commission, Pakistan (26 October 2020).
2. Participated in online Training Program on “How to Utilize ProQuest Ebooks Collection in Teaching and Research” organized by ProQuest and Higher Education Commission, Pakistan (20 October 2020).

3. Participated in online Training Program on “ProQuest Ebook Central Advanced Training” organized by ProQuest and Higher Education Commission, Pakistan (16 September 2020).
4. Training on **Gene Technology - Certified Facility Behavioural Awareness**. University of Queensland, Australia (23 April-2018)
5. Training on “**Use of Turnitin in Scientific Research**” organized by University of Queensland, Australia (12 September 2018).
6. Training on “**Reference Software Endnote**” organized by University of Queensland, Australia (26 September 2018).
7. Certificate of participation in “**Plant Pathology and Entomology Master class**” organized by XI International Mango Symposium, Darwin, Australia (28 September - 2 October 2015)
8. Certificate of participation in “**Tools for Precision Mango Culture Master class**” organized by XI International Mango Symposium, Darwin, Australia (28 September - 2 October 2015)
9. Training on “**Writing Technical Proposals for Grants**” under Agriculture Linkage Program. National Agriculture Research council (9-13 February 2014)
10. Training on “**Train the Trainers (ToT) Program on Mango quality and Value Chain Improvement Program**” Australia-Pakistan Agriculture Sector Linkages Program at SAU Tandojam (17-18 June 2013).
11. Training on “**Mango Clean Nursery**” organized by ASLP and Sindh Horticulture Research Institute Mirpurkhas at SHRI Mirpurkhas (13 March 2013).
12. Workshop on “**Crop Disease Management through Advanced Breeding Methods**” organized by Pakistan Atomic Energy Commission at Nuclear Institute of Agriculture Tandojam (24-25, September 2013)
13. Training of **Presiding officers and Assistant Presiding Officers**. General Elections 2013.
14. Training Workshop on “**Diagnosis and Management of Mango Post Harvest Diseases**” organized by ASLP, Australian Agency for International Development and Australian Centre for International Agricultural Research at NNRC Islamabad (26-28 August 2012).
15. Pak-China Joint Symposium on “**Application of Biotechnology in Plant and Animal Sciences**” organized by SAU Tandojam, HEC Pakistan and South China Agri. University (27-28 June 2012).
16. Participation in **qPCR Seminar Tour 2011**, in Goettingen Germany. (14 September. 2011)
17. Certificate of training “**AFLP a toolbox for population genetics**”. Lund University of Sweden. (8-12 November 2011)
18. Certificate in **Scientific writing and publishing in Crop Sciences**. Faculty of Agriculture Sciences, Georg August University, Goettingen. Germany. (April 2008),
19. Certificate in **Mycology**. Department of Plant Pathology and Plant Protection, Georg August University, Goettingen. Germany. (March 2009),
20. Certificate of **German Language Course (G2 and G3)** form Carl Duisberg Center, Germany (Feb-March 2007)
21. Certificate of **German Language Course (A2)** from Goethe Institute. Karachi (Nov-Dec 2006)
22. Workshop on “**Advance in Mycology**” organized by Pakistan Botanical Society at University of Sindh Jamshoro (7-10 June 2006).
23. Certificate of Participation in workshop “**Integrated Nematode Disease Management**” National Nematological Research Center, University of Karachi (25-27 April, 2006).
24. Training course on “**Integrated Plant Nutrition Management**” System Under the scheme of Department of learning Innovation. Higher Education Commission Pakistan. (13-18 March 2006).
25. **Staff Development Course** Under the Scheme National Academy of Higher Education Commission Pakistan. SAU Tandojam (May 16- June 11, 2005).

26. Certificate of participation in **Computer in Education Course** by Information Technology center Sindh Agriculture Tandojam. (9 August-2 October 2004)
27. Certificate of Training in **Journalism** by Pakistan Press Foundation. SAU Tandojam (17-18 May 2004)

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- ☒ Member Pakistan Phytopathological Society.
- ☒ Member, Pakistan Society of Nematologists.
- ☒ Member, Pakistan Botanical Society.

SYMPOSIA/CONFERENCES-ATTENDED

International

- 1st Virtual Safe Use Ambassador Conference. Bayer Crop Science (Germany) (08th September 2020)
- 4th International Conference on Agriculture, Food and Animal Sciences (ICAFAS - 2019), Pakistan, Sindh Agriculture University, Tandojam (21-22 January, 2019).
- 14th National and 5th International Conference of Botany “Climate Change and: Challenges and Opportunities” Pakistan Botanical Society held at University of Karachi, Karachi, Pakistan January 15-18, 2016.
- 11th International Mango Symposium, Darwin, Australia. 28 September - 2 October 2015
- 2nd International Conference on Food, Agriculture and Livestock, Sindh Agriculture University Tandojam (25-26 February 2015).
- International Conference of Pakistan Phytopathological Society on “Climate Change and Plant Diseases-Challenges and Opportunities” University of Karachi, Karachi, Pakistan. 23-25 January. 2014
- 10th International Congress of Plant Pathology (ICPP 2013) “Bio-Security, Food Safety and Plant Pathology: The Role of Plant Pathology in a Globalized Economy” Beijing, China. 25-29 August 2013
- Tropentag International Conference “Natural Resource Management and Rural Development: Development on the margin”, Tropentag, Bonn, Germany. 5-7 October 2011
- Tropentag International Conference “Natural Resource Management and Rural Development: World food system A contribution from Europe Tropentag”, Zurich, Switzerland. 14-16 September 2010
- Tropentag International Conference “Natural Resource Management and Rural Development: Biophysical and socio-economic frame conditions for the sustainable management of natural resources”, University of Hamburg, Germany. 6-8 October 2009

National

- One day Prof. Dr. Abdul Ghaffar Memorial Seminar on ‘Recent Trends in Plant Diseases and their Management’, held at Department of Botany, FUUAST, Karachi. 10 August 2016.
- 9th National Conference of Plant scientists organized by Pakistan botanical society and university of Sindh. 13-15 February 2006

- International symposium on “Recent Trends in Plant Disease Management” organized by Pakistan Phytopathological Society & Department of Botany University of Karachi. 20-25 December 2005
- National Symposium on Nematology. Pakistan Society of Nematologists, NNRC, University of Karachi, Karachi. 5-7 January 2002.

LIST OF PUBLICATIONS

Book Chapters

- Lodhi, A.M., S. Shahzad and **R.N. Syed**. 2019. The Genus *Phytophthium*. In: Rai, Abd-Elsalam, Ingle (eds.) *Pythium Diagnosis, Diseases and Management*. CRC Press, Taylor & Francis Group, USA. <https://www.crcpress.com/Pythium-Diagnosis-Diseases-and-Management/Rai-Abd-Elsalam-Ingle/p/book/9780367259419>
- **Syed, R.N.**, Lodhi, A.M. and S. Shahzad. 2019. Management of *Pythium* Diseases. In: Rai, Abd-Elsalam, Ingle (eds.) *Pythium Diagnosis, Diseases and Management*. CRC Press, Taylor & Francis Group, USA. <https://www.crcpress.com/Pythium-Diagnosis-Diseases-and-Management/Rai-Abd-Elsalam-Ingle/p/book/9780367259419>

Full research papers

1. **Syed, R.N.**, M.A. Pathan, M.M. Jiskani and M.M. Qureshi. 2005. Evaluation of different fungicides against *Macrophomina phaseolina* causing rot disease of Sesame (*Sesamum indicum*) Pak. *J. Agril. Engg. Vet. Sc.*, 21(1): 35-38. [HEC Rating: Y].
2. Abro, M.A., **R.N. Syed**, A. Yasmin, S. Abro, A. Kumar and P.C. Nicot. 2014. Different nitrogen fertilization regimes influences the susceptibility of lettuce plants to *Botrytis cinerea* and *Sclerotinia sclerotiorum*. *Science International.*, 26(1), 325-329. [HEC Rating: Y].
3. **Syed, R.N.**, N. Mansha, M.A. Khaskheli, M.A. Khanzada, and A.M. Lodhi. 2014. Chemical control of stem end rot of mango caused by *Lasiodyplodia theobromae*. *Pak. J. Phytopathol.*, 26 (02): 201-206. [HEC Rating: Y]
4. Maitlo, S.A., **R.N. Syed**, M.A. Rustamani, R.D. Khuhro and **A.M. Lodhi**. 2014. Comparative efficacy of different fungicides against *Fusarium* wilt of chickpea. *Pak. J. Botany*, 46 (6): 2305-2312. [Impact factor: 1.207]
5. Maitlo, S.A., **R.N. Syed**, M.A. Khanzada, A.Q. Rajput and A.M. Lodhi. 2014. Host-response of chickpea cultivars to *Fusarium oxysporum* f. sp. *ciceris*. *Pak. J. Phytopathol.*, 26 (02): 193-199. [HEC Rating: Y]
6. Nargis Shah, **R.N. Syed**, A.M. Khanzada, M.A. Khanzada and A.M. Lodhi. 2014. Influence of different inoculation methods and fungicides on the pathogenicity of *Fusarium oxysporum* on *Abelmoschus esculentus* L. *Science International*, 26 (05): 2303-2308. [HEC Rating: Y].
7. Amber Shah, **R.N. Syed**, N. Shah, N. Hakro, S.A. Maitlo and M.A. Rajput. 2014. Influence of some plant extracts on crown rot disease of sesame (*Sesamum indicum* L.). *Science International*, 26 (05): 2107-2110. [HEC Rating: Y].

8. Khaskheli, M.A., **R.N. Syed**, S.A. Maitlo, M.A. Khanzada and A.M. Lodhi. 2014. Effect of culture media and temperatures on the growth of banana Panama wilt pathogen *Fusarium oxysporum* f. sp. *cubense*. *Int. J. Agri. & App. Sci.* 6(2): 105-109. [**HEC Rating: Z**].
9. Rashid R.A., **R.N. Syed**, A.Q. Rajput, M.A. Khanzada, N.A. Rajput and A.M. Lodhi. 2015. Comparative efficacy of *Trichoderma harzianum*, neem extract and furadan on plant growth and *Meloidogyne incognita* (Kofoid & White) Chitwood infecting tomato. *Pak. J. Nematol.*, 33(1): 105-112. [**HEC Rating: Y**]
10. **R.N. Syed**, H. Laurentin, R. Splivallo and P. Karlovsky 2015. Antifungal properties of extracts of sesame (*Sesamum indicum* L.) *Int. J. Agri. & Bio.*, 17: 575–581. [**Impact factor: 0.902**]
11. **Syed R.N.**, A.M. Lodhi, M.M. Jiskani, K.I. Rajput, M.A. Khaskheli, M.A. Khanzada, N.A. Rajput, S.A. Maitlo and A.Q. Rajput. 2015. First report of Panama wilt-disease of banana caused by *Fusarium oxysporum* f. sp. *cubense* in Pakistan. *Journal of Plant Pathology.* 97 (1): 209-220. [**Impact factor: 1.043**]
12. Soomro, K., **R.N. Syed**, M.A. Khanzada and A.M. Lodhi. 2015. Fungitoxicity of different chemical fungicides to seed borne and root infecting fungi associated with *Solanum melongena* L. *Int. J. Bio. & Biotech.*, 12(2): 223-232 [**HEC Rating: Z**]
13. Nargis Shah, **R.N. Syed**, M.A. Khanzada, N.A. Rajput and A.M. Lodhi. 2015. Non-chemical control of okra wilt caused by *Fusarium oxysporum*. *Int. J. Agri. & App. Sci.*, 7(1): 86-94 [**HEC Rating: Z**].
14. Behrani, G.Q., **R.N. Syed**, M.A. Abro, M.M. Jiskani and M.A. Khanzada. 2015. Pathogenicity and chemical control of basal rot of onion caused by *Fusarium oxysporum* f. sp. *cepae*. *Pak. J. Agri. Agri. Eng. & Vet. Sci.*, 31 (1): 60-70 [**HEC Rating: Y**].
15. Khanzada, M.A., A.M. Lodhi, A.Q. Rajput, **R.N. Syed** and S. Shahzad. 2015. Response of different mango cultivars to mango decline pathogen, *Lasiodiplodia theobromae* PAT. *Int. J. Biol. Biotech.*, 12(4): 643-647 [**HEC Rating: Z**].
16. Maitlo, S.A, **R.N. Syed**, M.A. Rustamani, R.D. Khuhro and A.M. Lodhi. 2016. Influence of inoculation methods and inoculum levels of *Fusarium oxysporum* f. sp. *ciceris* on the development of chickpea wilt and plant growth. *Int. J. Agri. & Bio.*, 18: 31-36. [**Impact factor: 0.902**].
17. Khanzada, M.A, **R.N. Syed**, A.M. Khanzada, A.Q. Rajput, A.A. Ujjan. 2016. Influence of different colours on the effectiveness of water pan traps to captured insects in mustard ecosystem. *Int. J. Biol. Biotech.*, 13(2): 273-277 [**HEC Rating: Z**].
18. Khanzada M.A., M. Tanveer, S. Maitlo, J. Hajano, A.A. Ujjan, **R.N. Syed**, A.M. Lodhi and A.Q. Rajput,. 2016. Comparative efficacy of chemical fungicides, plant extracts and bio-control agents against *Fusarium solani* under laboratory condition. *Pak. J. Phytopathol.*, 28 (02): 133-139. [**HEC Rating: Y**]
19. **Syed, R.N.**, A.M. Lodhi, N.A. Rajput, M.I. Kumbhar and M.A. Khanzada. 2017. Prevalence of post harvest rots and pathogens in different mango farms of Sindh, Pakistan. *Pak. J. Bot.*, 49(SI): 325-330. [**Impact factor: 1.207**]
20. Maitlo, S., A.Q. Rajput, **R.N. Syed**, M.A. Khanzada, N.A. Rajput and A.M. Lodhi. 2017. Influence of physiological factors on vegetative growth and sporulation of *Fusarium oxysporum* f. sp. *ciceris*. *Pak. J. Bot.*, 49(SI): 311-316. [**Impact factor: 1.207**]
21. Rajput N. A., M. Atiq, N. Javed, Y. H. Ye, Z. Zhao, **R. N. Syed**, A. M. Lodhi, B. Khan, O. Iqbal and D. Dou. 2018. Antimicrobial effect of Chinese Medicinal Plant Crude Extracts against *Rhizoctonia solani* and *Pythium aphanidermatum*. *Fresenius Environmental Bulletin*, 27 (6). 3941-3949. [SCI-IF: 0.42].
22. Nasir A. R., M. Atiq, A. M. Lodhi, Na Guo, A. Safder, **R. N. Syed**, M. Shakeel, M. Zhang, T. Liu and D. Dou. 2017. A cytoplasmic effector pscrn161 enhanced disease resistance in *nicotiana benthamiana* against *Phytophthora capsici*. *Pak. J. Bot.*, 48(SI): 317-323. [Impact factor: 1.207]

23. Bhutto H.S., & Asghar Tariq, Javed & Naz Syed, Rehana & Jatoi, Ghulam Hussain. (2018). Isolation and characterization of bacteria isolated from the rice crop in lower Sindh. *Pakistan Journal of Biotechnology*. 15(1): 151-154.
24. Bhutto H.S., Asghar Tariq, Javed & Hajano, Jamal & Naz Syed, Rehana & Jatoi, Ghulam Hussain & Ismail, M & Ali Rattar, Qurban & Ghulam, Zeeshan & Gishkori, Nabi. (2018). Some biochemical characterization against *Xanthomonas oryzae* pv. *oryzae* cause bacterial leaf blight of rice. *Pakistan Journal of Biotechnology*. 15(2): 429-434.
25. Rajput, M.A., I.A. Khan, **R.N. Syed** and A.M. Lodhi. 2019. Optimization of inoculation technique of *Sporisorium scitamineum* for the induction of smut disease in sugarcane propagative material. *Pakistan Journal of Agricultural Research*, 32(2): 275-281. [**HEC Rating: Y**].
26. Rajput, M.A., **R.N. Syed**, M.A. Khanzada, N.A. Rajput, F.N. Khoso and A.M. Lodhi. 2019. Chemical control of whip smut of sugarcane caused by *Sporisorium scitamineum*. *Pak. J. Bot.*, 51(5): DOI:10.30848/PJB2019-5(17) [**Impact factor: 0.8**]
27. Maitlo, S.A, N.A. Rajput, R.N. Syed, M.A. Khanzada, A.Q. Rajput and **A.M. Lodhi**. 2019. Microbial control of Fusarium wilt of chickpea caused by *Fusarium oxysporum* f. sp. *ciceris*. *Pak. J. Bot.*, 51(6): 2261-2268. [**Impact factor: 0.8**]
28. Khanzada, A.M., M.A. Khanzada, **R.N. Syed**, N.A. Rajput, A.M. Lodhi. 2020. Exploration of entomopathogenic fungi for controlling *Phenacoccus solenopsis* under *in vitro* conditions. *Fresenius Environmental Bulletin*. 29(11): 9614-9620. [**SCI-IF: 0.370**].
29. Rajput, M.A., N.A. Rajput, **R.N. Syed**, M.A. Khanzada, I.A. Khan and A.M. Lodhi. 2020. Genetic characterization of *Sporisorium scitamineum* isolates in sugarcane through RAPD analysis. *Fresenius Environmental Bulletin*, 29(06): 4355-4363 [**SCI-IF: 0.370**].
30. Rajput, N.A., C. Huo, J. Cao, M. Atiq, R.M. Atif, A.M. Lodhi, **R.N. Syed**, S. Sarfraz, A. Hameed and Z. Zhao. 2020. First report of *Curvularia verruculosa* causing leaf spot disease of grape (*Vitis vinifera*) in Afghanistan. *Journal of Plant Pathology*, doi: 10.1007/s42161-020-00625-z. [**SCI-IF: 1.152**].
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