

Dr. Azra Nadeem

Personal	Address: Khyber Pakhtunkhwa- Pakistan Date of birth: 1/4/1981 Email Address: azranadeem@aup.edu.pk Contact No : 0333-9005650		
Experience	Designation	Institute	No. of Years
	Research Officer	Cereal Crops Research Institute (Pirsabak)	2 years 11 months
	Lecturer	Amir Muhammd Khan Campus Mardan, The University of Agriculture Peshawar.	6 years 5 months
	Assistant Professor	Amir Muhammd Khan Campus Mardan, The University of Agriculture Peshawar.	Oct 2017 till date
Honor and Awards	- Awarded Indigenous PhD Scholarship by the Higher Education Commission of Pakistan for PhD studies. - Awarded Certificate of Merit and Faculty Silver Medal in M.Sc (Hons) during the session 2005-2006 by the University of Agriculture Peshawar. - Awarded Certificate of Merit and Gold Medal at university level in BSc (Hons) during the session 2001-2004 by the University of Agriculture Peshawar.		

Brief Statement of Research Interest	Management of fungal plant diseases, incorporation of environment friendly control measures in IDM strategies, Epidemiology and PCR based studies of plant diseases.
Trainings and conferences attended	- Five days conference (August, 2023) on “Sustainable Agriculture and climate change” organized by The University of Agriculture Peshawar. - Two days workshop (September 2021) on “Data analysis and referencing citation in research using different software” organized by Amir Muhammad Khan Campus, The University of Agriculture Peshawar. - Three day national conference (November 2016) on “Thinking climate change adaptation in water and farming” organized by The University of Agriculture Peshawar. - A workshop (May, 2016) on “Biosafety training for young researchers” organized by The University of Agriculture Peshawar. - A workshop (April, 2016) on “Project Formulation” organized by Pakistan Science Foundation. - A training workshop (August, 2009) on “Assessment of stem rust of wheat for plant breeders and pathologist” organized by NARC, Islamabad. - A training on (July, 2009) “Safe use of pesticides and handling of spray machine” organized by Agricultural Research Institute (ARI) Tarnab, Peshawar. - A 6-Day orientation course (March, 2010) of the newly recruited Research officer organized by Agricultural Research Institute (ARI) Tarnab, Peshawar.

Publications

- Ghazal, B., A. Fareed., N. Ahmad, **Azra**, S. H. Salmen, M. J. Ansari, A. Qayyum. 2024. Elicitors directed in vitro growth and production of stevioside and other secondary metabolites in Stevia

rebaudiana (Bertoni) Bertoni. Scientific Reports, 14(1), 14714.

2. Zardari, M.A., A.A. Soomro, M.H. Khan, R. Karim, **A. Nadeem**, N.S Memon. 2023. Collective effect of irrigation and nutrient agronomic performance of upland cotton (*Gossypium hirsutum L.*). Pure and Applied Biology, 12(2):1363-1377.
3. Zardari, M.A., A.A Soomro, N.S Memon, **A. Nadeem**, R. Kareem. 2023. Synergistic effect of key inputs (irrigation and nutrients) on physiological behaviors and yield of upland cotton (*Gossypium hirsutum L.*). Pure and Applied Biology, 12(2):1346-1362.
4. Bakhtiar, A., S.A. Mehmood, A.R. Bhatti, S. Ahmad, N. Khalid, J. Iqbal, **A. Nadeem** and W. Ahmad. 2022. Comparative efficacy of newcastle disease's live vaccines in broilers using hemagglutination inhibition (HI) test at Jaba Mansehra. Pakistan Journal of Agricultural Research, 35(4): 629-636. DOI | <https://dx.doi.org/10.17582/journal.pjar/2022/35.4.629.636>
5. Ali, M., S. Hussain, **A. Nadeem**, S. Ullah and M. Yasin. 2022. Studies on Biological Management of Fusarium Wilt of Tomato. Gesunde Pflanzen, <https://doi.org/10.1007/s10343-022-00800->
Ali, M., Hussain, S., Nadeem, A., Ullah, S., & Yasin, M. (2023). Studies on biological management of Fusarium Wilt of tomato. *Gesunde Pflanzen*, 75(5), 1475-1483.
6. Ullah, S., S. Hussain, **A. Nadeem** and A. Fareed. 2022. Distribution of *Bipolaris maydis* in southern Khyber Pakhtunkhwa (KP) – Pakistan and estimation of yield losses in maize crop, Archives of Phytopathology and Plant Protection, 55:19, 2200-2217, DOI: [10.1080/03235408.2022.2158513](https://doi.org/10.1080/03235408.2022.2158513)
7. **Nadeem, A.**, Saeedullah, Karim, R., Fareed, A. and Faizan. 2022. Cultural characterization of *Colletotrichum gleosporioides* the causal agent of citrus dieback. Pakistan Journal of Phytopathology. 34(1): 13-17.
8. Naz, S., M. Aslam, **Azra** and R. Karim. 2022. Social and cultural factors influencing maternal mortality in Khyber Pakhtunkhwa- Pakistan. Journal of Positive School Psychology: 6 (10); 453-465
9. Akbar, A., **A. Nadeem**, R. Karim, H. Khan, M.Y. Khan, Z. Ahmad, N. Khan and U. Iqbal. 2022. Application of aqueous plant extracts and fungicide for management of Fusarium head blight of wheat. Bioscience Research, 19(2): 951-956.
10. Karim, R., F. Ali, A. Muhammad, N. Ullah and **Azra**. 2022. An investigation into food consumption patterns and related poverty in District Mardan, Khyber Pakhtunkhwa, Pakistan. Sarhad Journal of Agriculture, 37.
11. Iqbal, T., S. Sana, R. Karim, K. Shahjeer, F. Said, **A. Nadeem**, S. Ahmad and I. Haq. 2022. Eco friendly management of brinjal borers through indigenous plant extracts. Nat. Volatiles & Essent. Oils. 9(1): 1608-1616
12. **Nadeem, A.**, S. Hussain, A. Fareed, M. Fahimd, T. Iqbal, Z. Ahmad, Saeedullah, R. Karim and A. Akbar. 2024. Genetic variations among the isolates of *Bipolaris Maydis* based on phenotypic and molecular markers. Brazilian Journal of Biology, 84, e253147 | <https://doi.org/10.1590/1519-6984.253147>
13. **Nadeem A.**, S. Hussain, Saeedullah, A. Akbar, Z. Ahmad, M. Tariq, R. Karim and M. Huzaifa. 2022. Effect of Different Levels of soil moisture and *Trichoderma Viride* in controlling black scurf of potato. Sarhad Journal of Agriculture, 38(1): 40-45. DOI | <https://dx.doi.org/10.17582/journal.sja/2022/38.1.40.45>
14. Naz, S., A. Ahmad, S. Nawab, R. Karim, **Azra**, M. Azam and M.J. Afridi. 2021. Gendered division of household labour in livestock with potential to achieve gender equality; A case of district Mohmand, Erstwhile Fata, Khyber Pakhtunkhwa-Pakistan. Webology (ISSN: 1735-188X), 18(4).

15. **Azra**, S. Hussain, A. Fareed, Saeedullah, S.U. Shah and M. Iqbal. 2021. Distribution pattern of southern corn leaf blight in Khyber Pakhtunkhwa-Pakistan and Its PCR based detection in asymptomatic leaves and plant debris. Pakistan journal of botany. 53(5): 1875-1882. DOI: [http://dx.doi.org/10.30848/PJB2021-5\(44\)](http://dx.doi.org/10.30848/PJB2021-5(44))
16. Akbar, A., S. Asad, Z. Ahmad, **A. Nadeem** and S. Awan. 2020. Disinfection of orange seeds to reduce citrus canker dissemination and improve germination. Journal of Agricultural Studies, 8 (4): (372-386).
17. Khan, A.A., A. Rafi, A. Akbar, Z.Ahmad and **A. Nadeem**. 2020. Prevalence, occurrence, and biochemical characterization of *Xanthomonas campestris* pv. *vesicatoria* in District Swat, Pakistan and its management through host resistance. Journal of biodiversity and environmental sciences (JBES) 17(2): 130-143.
18. **Azra** and S. Hussain. (2019). Screening of maize genotypes against southern corn leaf blight (*Bipolaris maydis*) under artificial epiphytotic conditions. Sarhad Journal of Agriculture. 35(4):1122-1128. <http://dx.doi.org/10.17582/journal.sja/2019/35.4.1122.1128>.
19. Akbar, A., Ahmad, M., **Azra**, Neelam, Khan, S.Z. and Ahmad, Z. (2015). Characterization of the causal organism of soft rot of tomatoes and other vegetables and evaluation of its most aggressive isolates. *American Journal of Plant Sciences*, **6**, 511-517. <http://dx.doi.org/10.4236/ajps.2015.64055>
20. Gul, H., B. Saeed, A. Z. Khan, S. Anwar, Nasrullah, **Azra**, R. Karim and I. Hussain. 2013. Forage yield of barseem and shaftal in response of late planting dates and methods in Peshawar valley. Comprehensive Journal of Agricultural and biological sciences. 1(1): 1-4.
21. Saeed, B. H. Gul, F. Ali, A.Z.Khan, S. Anwar, Nasarullah, S. Alam, S. Khalid, A.Naz, H. Fayaz and **Azra**. 2013. Contribution of soil and foliar fertilization of nitrogen and sulfur on physiological and quality assessment of wheat (*Triticum aestivum* L.). Natural Science. 5(9): 1012-1018. <http://dx.doi.org/10.4236/ns.2013.59125>
22. Saeed, B., H. Gul, P. Shah, A. Khan, S. Anwar, **Azra** and S. Ali. 2012. Yield of wheat varieties under solid and skip row geometries. ARPN Journal of Agricultural and Biological Science. 7(8):591-594
23. Saeed, B., H. Gul, S. Anwar, A. Khan, **Azra**, S. Ali and I. Naz. (2012). Performance of wheat varieties sown under solid and skip row geometry. ARPN Journal of Agricultural and Biological Science. 7 (7):545-548.
24. Anwar, M. Khalid, A. Ali, **Azra**, N. Ali, and Farhatullah. (2010). An IDM approach to improve ratoonnability of sugarcane crop in KP province. Pakistan journal of botany. 42(5): 3215-3219.