

Fazal ur Rehman



Student at University of Sargodha, Pakistan

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Objectives

*Committed to explore new lines of knowledge and learning field of performance in **Plant Pathology**. Looking for a platform where I can prove and further polish my abilities, skills, and knowledge and with maximum chances of grooming and learning.*

Educational Details

2017-2021	BSc (Hons.) Agriculture (Bachelor Level) University College of Agriculture, University of Sargodha, Pakistan. Semester: 6th Major : Plant Pathology CGPA: 3.83/4.0 Marks: 80 % (Currently enrolled in 7th semester)
2015-2017	FSc Pre-medical (with Biology) 12-Year Education Thal Inter College for Boys Chack No. 22MB, Khushab. Marks: 864/1100 Major Subjects: Biology, Chemistry and Physics. Board: BISE Sargodha Under Roll No. 405883
2013-2015	Matric (10-Year Education) Thal Public School (Boys) Chack No. 22MB, Khushab Subjects: Physics, Chemistry, Biology & Mathematics Marks: 983/1050 Board: BISE Sargodha Under Roll No. 224139

Research interest

• Molecular Plant Pathology • Plant Disease Resistance Mechanisms • Plant Microbe Interactions • Microbial Biotechnology • Microbe-Based Symbiosis • Plant Virology	• Bio-control of Plant Diseases • Epidemiological Studies • Plant Bacteriology • Citrus Pathology • Metagenomic Analysis • Plant Nematology
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Publications

- **ur Rehman, F.***, Kalsoom, M., Nasir, T. A., Adnan, M., Anwar, S., & Zahra, A. (2020). Chemistry of Plant–Microbe Interactions in Rhizosphere and Rhizoplane. *Indian Journal of Pure & Applied Biosciences*, 8(5), 11-19. doi: <http://dx.doi.org/10.18782/2582-2845.8350>.
- **ur Rehman, F.***, Kalsoom, M., Sultan, A., Adnan, M., Junaid, S., Akram, H., ... & Zafar, M. I. (2020). Citrus Melanose and Quality Degradation of Fruit by this Disease: A Review. *Open Access Journal of Biogeneric Sciences & Research*, 3(5). doi: <http://dx.doi.org/10.46718/JBGSR.2020.03.000081>.
- **ur Rehman, F.***, Kalsoom, M., Ahmad, S., Iqbal, M. A., Junaid, S., Tariq, M. A., Sultan, A., Hayat, Q., & Khan, J. (2020). Citrus Leprosis and its Impacts on Citrus Food Industry: A Review. *EC Agriculture*, 6(5), 34-39.
- **ur Rehman, F.***, Kalsoom, M., Shafique, T., Junaid, S., Khalid, N., Adnan, M., & Ali, H. (2020). Biological Importance of Microbes in Agriculture, Food and Pharmaceutical Industry: A review. *Innovare Journal of Life Sciences*, 8(6), Manuscript IJLS/39845/20. (Accepted for Publication).
- **ur Rehman, F.***, Kalsoom, M., Iqbal, R., Zulfiqar, A., Zubair, I., Ashiq, A., Fizza, Shahzadi, L., & Arooj, P. (2020). Biological Activities of Lemon. *Open Access Journal of Biogeneric Sciences & Research*, 4(1). doi: <http://dx.doi.org/10.46718/JBGSR.2020.04.000104>.
- Ali, A., Adnan, M.*, Abbas, A., Javed, MA., Safdar, ME., Asif, M., Imran, M., Iqbal, T., **ur Rehman, F.** & Ahmad, R. (2020). Comparative performance of various maize (*Zea mays* L.) cultivars for yield and related attributes under semi-arid environment. *An International Journal Agricultural and Biological Research*, 36(4), 63-66.
- **ur Rehman, F.***, Kalsoom, M., Adnan, M., Toor, MD. & Zulfiqar, A. (2020). Plant Growth Promoting Rhizobacteria and their Mechanisms Involved in Agricultural Crop Production: A Review. *SunText Review of Biotechnology*, 1(2), 1-6.
- Toor, MD., **ur Rehman, F.**, Adnan, M.*, Kalsoom, M. & Shahzadi, L. Relationship between Environment and Agriculture: A Review. *SunText Review of Biotechnology*, 1(2), 1-5.
- Adnan, M.*, Hussain, M., Anjum, Z. A., **ur Rehman, F.**, Bilal, H. B, Toor, M. D., & Ahmad, R. (2020). Role of Phosphorous in Wheat production: A review. *International Journal of Agricultural Science Research*, 8(2), 010-015.
- Adnan, M.*, ur Rahman, H. A., Asif, M., Hussain, M., Bilal, H. M., **ur Rehman, F.**, Ahmad S., & Khalid, M. (2020). Seed Priming; An Effective Way to Improve Plant Growth. *EC Agriculture*, 6(6), 01-05.
- Hayyat, M. S., Adnan, M.*, Awais, M., Khan, B., ur Rahman, H. A., Ahmed, R., **ur Rehman, F.**, Toor M. D., & Bilal, H. M. (2020). Effect of heavy metal (Ni) on plants and soil: A review. *International Journal of Applied Research*, 6(7), 313-318.



Honor and Awards

- Received Punjab Educational Endowment Fund at matric education level.
- Received Teacher's son Scholarship during matric from Punjab Government Benevolent Fund.
- Received laptop as award from Prime Minister laptop scheme.
- Received HEC Need Base Scholarship during Bachelor
- Participated in International Conference at College of Agriculture, University of Sargodha on; "Horticulture Crop Production and Protection; Emerging Techniques for Sustainable Crop Production"
- Participated in 1st National Conference at College of Agriculture University of Sargodha on; "Fertilizers Need Assessment in climate change scenario"
- Gained 2nd position at District level in english essay writing.
- Gained 1st position in speech compitition at college level.
- Gained 2nd position in english speech compitition at University level.
- Gained certificate for being a part of the MBRU Immunity ambassador program for course of; "Let's Break the chain of covid-19 infection"

Social Duties

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| <ul style="list-style-type: none"> • Peer Reviewer for Egyptian Journal of Basic and Applied Sciences. • Editorial Board Member of International Journal of Multidisciplinary Sciences and Advanced Technology (IJMSAT) • Class Representative at College and University level. | <ul style="list-style-type: none"> • Member of Progressive Youth Society Of Pakistan • Member of Blood donation society at University level. • Member of Corona Relief Tigger Force Tehsil Noor pur Thal. • Secretary of School TB club program |
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Internship

Two Month Internship at National Agriculture Research Institute (MARCI) Pakistan on the Topic of "Frequency of Fungal Microflora in Rice"

Two Month Internship at National Agriculture Research Institute (MARCI) Pakistan on the Topic of "Molecular and Serological Techniques for the identification of Potato Virus Y (PVY)"

Skills

Professional skills	• Isolation, identification and preservation of plant pathogens. • DNA isolation, PCR, ELISA, Tissue Culturing & Molecular techniques. • Integrated Disease Management and Integrated pest management • Plant Nursery Management • Efficient Leadership Abilities in Projects.
Language Skills	• English as professional language with good communication abilities. • Urdu as national language. • Punjabi as Native language.
Computer Skills	• MS- office (Word, Excel and PowerPoint): Professional level



Personal Information

Address: VPO Adhikot, Tahsil Noor pur Thal, District Khushab.

National ID: 38202-8301913-3

Passport number: G0540897

Date of Birth: November 11, 1999

Father Name: Fida Hussain (Teacher: Primary School Teacher)

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References

¹ Prof. Dr. Zafar Iqbal

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² Dr. Muhammad Usman Ghazanfar

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