

MUHAMMAD ADNAN

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Nationality Pakistani
Date of Birth 03-05-1996
Gender Male
Marital status Single
Province Punjab
Citizenship Mandi Baha Uddin
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I am professionally qualified as agronomist and studying MSc. (Hons.) agronomy at College of Agriculture, University of Sargodha, Pakistan and focusing on agronomy, crop production sustainable agriculture, plant nutrients & Growth regulators, plant morphology, crop physiology, conservation agriculture, seed physiology, organic farming and dry land farming. I Completed my B.Sc. (Hons.) in agriculture in 2018 from University of Sargodha.

Education

Degree	Institute	Session	Marks/CGPA	Percentage
M.Sc. (Hons.) Agronomy	College of Agriculture, UOS Sargodha.	3 rd semester completed	4/4	86.6%
B. Ed	Allama Iqbal Open University	2 nd Semester completed	827/1200	68.9%
B.Sc. (Hons.) Agriculture	College of Agriculture, UOS Sargodha.	2014-2018	3.70 / 4.00	78.2%
F. Sc (Pre-Medical)	Rangers Public School & College Mandi Baha Uddin	2012-2014	568 /1100	51.6%
Matriculation (Science)	Rangers Public School & College Mandi Baha Uddin	2010-2012	783/1050	74.5%

Internships / Trainings

- ❖ Done Internship as an Agriculture officer (Ext) M. B. Din for one month in the office of Assistant Director Agriculture (Ext) M. B. Din.
- ❖ Done training regarding soil and water testing in soil fertility and water testing laboratory M. B. Din.

- ❖ Done Training in the office of the Assistant Director of Agriculture Pest Warning and Quality Control of Pesticides regarding pest warning and quality control of pesticides.
- ❖ Done training in the office of the Deputy Director Agriculture OFWM Worked as a Co-Trainer in FTP 2018.
- ❖ Done two weeks (19.9.2019 to 4.10.2019) teaching practice in government elementary school chak # 67 N.B Sargodha.

Experience

- ❖ Worked as Invigilator at Govt. College of Technology Rasul centre No.2 in DAE-2nd annual 2018.

Short Courses

- ❖ Modern Farming techniques online course under the instruction of Dioniso Gongalz. (Udemy) (27-4-2020).
- ❖ Short course of “English language” from university of Sargodha (Mandi Bahauddin Campus) (22-06-2018 to 21-09-2018).
- ❖ Office Management (MS. Windows, MS. Word, MS. Excel, MS. Excess, MS. Power-Point, In-page) (08-11-2017 to 15-05-2018).
- ❖ Mobile Hardware and Software Punjab Computer College M. B. Din (08-05-2018 to 15-08-2018).

Research and Review Publications

1. ***Adnan, M.**, Asif, M., Khalid, M., Abbas, B., Hayyat, MS., Raza, A., Khan, B.A., Hassan, M., Khan, MAB., Hanif, MS. Role of mulches in agriculture: A review. International Journal of Biosciences 2020; 5(3), 309-314.
2. Shah, AH., Hanif, MS., Gondal, MR., Akhtar, MS., ***Adnan, M.**, Basit, A., Hayat, S., Jabbar, A., Pervez, A., Hussain, A., Farooq, MS., Razzaq, A., Khan, AF. Effect of seed rate on the yield and yield components of Berseem (*Trifolium alexandrinum* L.). International Journal of Biosciences 2020; 16(5), 302-309.
3. Hayyat, MS., ***Adnan, M.**, Asif, M., Abbas, B., Khan S., Ullah, S., Khan, MAB, Mudasar, Abbas, M., Hanif, MS, Toor, MD., Rahman, ZU. Allelopathy of waste-land weeds: A review. International Journal of Botany Studies. 2020; 5(3), 97-102.
4. Asif, M., Aziz, A., Nadeem, MA., Safdar, ME., Ali, A., Akhtar, N., Raza, A., **Adnan, M.**, Hanif, M.S. Assessing the Agronomic Consequences of Delayed Removal of Parthenium from Forage Sorghum (*Sorghum bicolor* L.). International Journal of Agriculture and Biology (Accepted)
5. Ali, A., Asif, M., ***Adnan, M.**, Aziz, A., Hayyat, MS., Saleem, MW., Hanif, MS., Javed, MA., Hassa, W., Ali., SM. Effect of different levels of phosphorus on growth, yield and quality of wheat (*Triticum aestivum* L.). International Journal of Botany Studies. 2020; 5(3), 64-68.
6. ***Adnan, M.**, Abbas, B., Asif, M., Hayyat, MS., Raza Ali., Khan, BH., Khan, MAB, Toor, MD., Khalid, M. Role of Micro Nutrients Bio- Fortification in Agriculture: A Review. Int J Environ Sci Nat Res. 2020; 24(4): 556141.

7. Yasin, M., Jabran, K., Afzal, I., Iqbal, S., Nawaz, MA., Mahmood, A., Asif, M., Nadeem, M.A., Rahman, Z., **Adnan, M.**, Siddiqui, M., Shahid, M.Q., Andreasen, C. Industrial sawdust waste: An alternative to soilless substrate for garlic (*Allium sativum* L.). Journal of Applied Research on Medicinal and Aromatic Plants. 2020; 100252 (Accepted)
8. ***Adnan, M.**, Rehman, H.A., Asif, M., Hussain, M., Bilal, H.M., Adnan, M., Rehman, F., Ahmad, S., Khalid, M. "Seed Priming; An Effective Way to Improve Plant Growth". EC Agriculture 6.6 (2020): 01-05.
9. Anjum, ZA., Hayat, S., Ghazanfar, MU., Ahmad, S., **Adnan, M.**, Hussain, I. Does seed priming with Trichoderma isolates have any impact on germination and seedling vigor of wheat? International Journal of Botany Studies. 2020; 5(2): 65-68
10. Asif, M., Nadeem, MA., Aziz, A., Safdar, ME., ***Adnan, M.**, Ali, A., Ullah, N., Akhtar, N., Abbas, B. Mulching improves weeds management, soil carbon and productivity of spring planted maize (*Zea mays* L.). International Journal of Botany Studies. 2020; 5(2): 57-61
11. ***Adnan, M.**, Asif, M., Hussain, I., Hayyat, MS., Mujeeb, M., Hassan, M., Abbas, B., Adnan, M. Chemical management of parthenium: A review. International Journal of Botany Studies. 2020; 5(2): 52-56.
12. **Adnan, M.**, Asif, M., Bilal, HM, Rehman, B., Adnan, M., Ahmad, T., Rehman HA., Anjum, M.Z. Organic and inorganic fertilizer; integral part for crop production. EC Agriculture 6.3 (2020): 01-07.
13. Anjum, MZ., **Adnan, M.**, Ali, SM., Bilal, H.M., & Javid, H. Antifungal potential of biocontrol agents against *Phytophthora Capsici* causing chili fruit rot. Depending on different managements. Agri Res & Tech: Open Access J. 2019; 22(4): 556209. DOI: 10.19080/ARTOAJ.2019.22.556209.
14. Asim, M., ***Raza, W.**, Iqbal, Z., Ahmad, S., Ghazanfar, M.U., Raza, M & **Adnan, M.** Evaluation of different fungicides against *Phytophthora* Spp. associated with citrus decline: A Review. JOJ Hortic Arboric. 2019; 2(4): 555591.

Publications in Conference Abstract Books

1. Anjum, M.Z., Arooj, S., Iqbal, Z., Ashraf, W., Khan, A.A., & **Adnan, M.** Laboratory evaluation of botanical extracts against *Rhizoctonia solani*, the causal agent of root rot of cotton. National conference at BZU. March 29-30, 2017, p. 112.
2. Anjum, Z.M., Iqbal, Z., Ghazanfar, M.U., Ahmad, S., **Adnan, M.** Antifungal potential of different biocontrol agents against *Alternaria Solani* causing early blight of tomato. 1st international and 2nd national conference on Challenges and opportunities to boost agriculture in changing climate MARCH 26-28, 2018, p. 195.

General Articles

1. Hafiz Muhammad Bilal* and **Muhammad Adnan.** Performance of different cultivars of grapes under the climatic conditions of Nowshera (Soon valley). <https://agrihunt.com/articles/performance-of-different-cultivars-of-grapes-under-the-climatic-conditions-of-nowshera-soon-valley/>.

2. **Muhammad Adnan.** Drought stress management in crops. <https://www.technologytimes.pk/2020/03/20/drought-stress-management-crops/>
3. **Muhammad Adnan.** Seed priming. <https://www.technologytimes.pk/2019/10/24/seed-priming/>.
4. **Muhammad Adnan,** Dr. Mubashar Nadeem, Mubashir Hussain and Mohsin Amin. Water shortage and future of agriculture. <https://www.technologytimes.pk/2019/06/26/water-shortage-agriculture/>
5. **Muhammad Adnan,** Dr. Mubashar Nadeem, Akash Munawar, Mubashir Hussain, Mohsin Amin and Hassan Noorani. Agricultural water productivity to ensure food security. <https://www.technologytimes.pk/2019/07/10/agricultural-water-ensure-food-security/>
6. **Muhammad Adnan,** Dr. Mubashar Nadeem, Akash Munawar, Mubashir Hussain, Mohsin Amin and Hassan Noorani. Agriculture required government policies in GDP. <https://www.technologytimes.pk/2019/07/08/agriculture-required-government-policies-gdp/>
7. Dr. Mubashar Nadeem, **Muhammad Adnan,** Akash Munawar, Mubashir Hussain, Sanaullah Khan and Hassan Noorani. Biotechnology a key to produce nutrients enriched food. <https://www.technologytimes.pk/2019/07/19/biotechnology-a-key-to-produce-nutrients-enriched-food/>
8. Dr. Mubashar Nadeem, **Muhammad Adnan,** Mubashir Hussain, Akash Munawar and Hassan Noorani. Diamer-Basha dam construction helps in agriculture. <https://www.technologytimes.pk/2019/07/03/diamer-basha-dam-agriculture/>
9. **Muhammad Adnan,** Dr. Mubashar Nadeem, Akash Munawar, Mubashir Hussain, Mohsin Amin and Hassan Noorani. Energy crisis in Pakistan and its issues. <https://www.technologytimes.pk/2019/07/08/energy-crisis-pakistan-issues/>
10. Dr. Mubashar Nadeem, **Muhammad Adnan,** Akash Munawar, Mubashir Hussain, Sanaullah Khan and Hassan Noorani. Food security - A burning issue. <https://www.technologytimes.pk/2019/07/16/food-security-burning-issue/>
11. Dr. Mubashar Nadeem, **Muhammad Adnan,** Akash Munawar, Mubashir Hussain, Sanaullah Khan and Hassan Noorani. Government needs to uplift agriculture in Pakistan. <https://www.technologytimes.pk/2019/07/02/government-needs-to-uplift-agriculture-in-pakistan/>
12. Dr. Mubashar Nadeem, **Muhammad Adnan,** Akash Munawar, Mubashir Hussain, Sanaullah Khan and Fakhar Shakeel. Marketing constraints in Agriculture. <https://www.technologytimes.pk/2019/07/22/marketing-constraints-in-agriculture/>
13. **Muhammad Adnan,** Dr. Mubashar Nadeem and Mubashir Hussain. Pesticides emerging issues used in agriculture. <https://www.technologytimes.pk/2019/06/11/pesticides-issues-used-agriculture/>
14. **Muhammad Adnan.** Quince an important fruit. <https://www.technologytimes.pk/2019/11/18/quince-an-important-fruit/>

15. Dr. Mubashar Nadeem, **Muhammad Adnan**, Akash Munawar, Mubashir Hussain, Sanaullah Khan and Hassan Noorani. Rise in Sea level and its impact on agriculture.
<https://www.technologytimes.pk/2019/07/24/rise-sea-level-impact-agriculture/>.

Journal Membership

- ❖ Member of Acta Scientific Agriculture Review Board.
- ❖ Member of International Network for Natural Sciences (Bangladesh).

Achievements

- ❖ Participated as a Cricketer and Ghazal reader in “Hostel Annual Sports Gala cum Annual Dinner” Abu-Bakr hall, University College of Agriculture, UOS.
- ❖ Participated in naat Competition in “Hostel Annual Sports Gala cum Annual Dinner” Abu-Bakr hall, University College of Agriculture, UOS.
- ❖ Organizer in 1st International Conference on Pakistani Narratives in English 2017.
- ❖ Organizer in the 2nd R-Cell 2016 Conference in University of Sargodha (Mandi Baha Uddin campus).
- ❖ 1st Position as a story teller in 2nd R-Cell 2016 Conference in University of Sargodha (Mandi Baha Uddin campus).
- ❖ 1st Position in story telling competition 2013 in Rangers Public School & College
- ❖ 1st Position in badminton in sports gala 2013 in Rangers Public School & College.

Work Shop/Seminar/Conferences

- ❖ One-day workshop in “sustainable sugarcane production through indigenous mechanization” 2019.
- ❖ Attended national conference on trends to Enhance Citrus Production and Export 2018.
- ❖ Attended 1st National “Agri Tourism conference” on Oct 9th 2017 in Faisalabad.
- ❖ Attended the seminar/workshop and farmer day along with officers and officials of Agriculture Department M. B. Din
- ❖ Attended International symposium on “Seed quality & Certification: Implication for Agricultural Extension” at University of Sargodha, Pakistan on April 13, 2017.
- ❖ One-day seminar on “Role of agronomy for Sustainable Agriculture under climate change Scenario” at University of Sargodha, Pakistan on 18 October 2016.
- ❖ Attended “Citrus Exposition/Seminar on March 1st 2016
- ❖ Attended “Love You Zindagi” Psychology workshop in University of Sargodha (Mandi Baha Uddin campus) March 1st 2016.

Languages

- ❖ English, Urdu and Punjabi

Computer skills

- Good command on Microsoft Office™ 2007-2016 Tools (Word, Excel & Power Point).
- Statistix 8.1

Extra-Curricular activities

- Reading books, photography and playing cricket

Reference

- **Dr. Muhammad Asif**

Lecturer

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