

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.**, Hussian, 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.