

List of Publications of Dr. Muhammad Asif Shehzad, Assistant Professor

IMPACT FACTOR ARTICLES

1. Naseer-ud-din, G.M., **M.A. Shehzad** and H.M. Nasrullah. 2011. Efficacy of various pre and post-emergence herbicides to control weeds in wheat. Pak. J. Agri. Sci., 48: 185-190. <https://www.pakjas.com.pk/papers/1917.pdf>
2. **Shehzad, M.A.**, M.A. Nadeem, M.A. Sarwar, G.M. Naseer-ud-Din and F. Ilahi. 2012. Comparative efficacy of different post-emergence herbicides in wheat (*Triticum aestivum* L.). Pak. J. Agri. Sci., 49: 27-34. <https://www.pakjas.com.pk/papers/1971.pdf>
3. Arif, M., **M.A. Shehzad** and S. Mushtaq. 2012. Inter and intra row spacing effects on growth, seed yield and oil contents of white mustard (*Sinapis alba* L.) under rainfed conditions. Pak. J. Agri. Sci., 49: 21-25. <https://www.pakjas.com.pk/papers/1970.pdf>
4. Maqsood, M., **M.A. Shehzad** and M. Abbas. 2012. Seed rate effects on fodder yield and quality attributes of maize (*Zea mays* L.) varieties sown under irrigated conditions. Pak. J. Agri. Sci., 49: 155-162. <https://www.pakjas.com.pk/papers/1992.pdf>
5. Maqsood, M., **M.A. Shehzad**, M. Ahmed and W. Ahmad. 2012. Seasonal growth attributes of wheat (*Triticum aestivum* L.) genotypes in response to moisture regimes under semi-arid environment. Pak. J. Agri. Sci., 49: 275-280. <https://www.pakjas.com.pk/papers/2057.pdf>
6. Ahmad, W., W. Ahmad, **M.A. Shehzad** and M. Shahid. 2012. Nitrogen and phosphorus: Impact on forage oat (*Avena sativa* L.) growth, yield and its quality attributes. Pak. J. Agri. Sci., 49: 473-479. <https://pakjas.com.pk/papers/2090.pdf>
7. Maqsood, M., **M.A. Shehzad**, A. Asim and W. Ahmad. 2012. Optimizing rate of nitrogen application for higher growth and yield of wheat (*Triticum aestivum* L.) cultivars. Pak. J. Agri. Sci., 49: 491-496. <https://pakjas.com.pk/papers/2093.pdf>
8. Maqsood, M., **M.A. Shehzad**, A. Wahid and A.A. Butt. 2013. Improving drought tolerance in maize (*Zea mays*) with potassium application in furrow irrigation systems. Int. J. Agric. Biol., 15: 1193-1198. http://www.fspublishers.org/published_papers/95461..pdf
9. Maqsood, M., **M.A. Shehzad**. 2013. Optimizing nitrogen input and harvest time to maximize the maize fodder yield in Punjab, Pakistan. Pak. J. Agri. Sci., 50: 75-81. <https://pakjas.com.pk/papers/2123.pdf>
10. Maqsood, M., **M.A. Shehzad**, S.N.A. Ali and M. Iqbal. 2013. Rice cultures and nitrogen rate effects on yield and quality of rice (*Oryza sativa* L.). Turk. J. Agric. For., 37: 665-673. <http://journals.tubitak.gov.tr/agriculture/issues/tar-13-37-6/tar-37-6-2-1203-5.pdf>
11. Iqbal, M., I. Ahmad, S.M. Hussain, R.A. Khera, T.H. Bokhari and **M.A. Shehzad**. 2013. Optimization of pre-sowing magnetic field doses through RSM in pea. Int. Agrophys., 27: 265-274. <https://content.sciendo.com/view/journals/intag/27/3/article-p265.xml>
12. Maqsood, M., **M.A. Shehzad**, Y. Ramzan and A. Sattar. 2014. Effect of nitrogen nutrition on growth, yield and radiation use efficiency of different wheat (*Triticum aestivum* L.) cultivars. Pak. J. Agri. Sci., 51: 441-448. <https://www.pakjas.com.pk/papers/2295.pdf>

13. **Shehzad, M.A.** and M. Maqsood. 2015. Integrated nitrogen and boron fertilization improves the productivity and oil quality of sunflower grown in a calcareous soil. *Turk. J. Field Crops.*, 20: 213-222. <http://www.field-crops.org/assets/pdf/product56535f004b8fa.pdf>
14. **Shehzad, M.A.**, M. Maqsood, S.A. Wajid and M. Anwar-ul-Haq. 2016. Dry matter partitioning and mineral constitution response of sunflower (*Helianthus annuus*) to integrated nitrogen and boron nutrition in calcareous soils. *Int. J. Agric. Biol.*, 18: 257-265. http://www.fspublishers.org/published_papers/72287_.pdf
15. **Shehzad, M.A.**, M. Maqsood, T. Abbas and N. Ahmad. 2016. Foliar boron spray for improved yield, oil quality and water use efficiency in water stressed sunflower. *Sains Malaysiana* 45: 1497-1507. <http://journalarticle.ukm.my/10294/1/10%20Muhammad%20Asif%20.pdf>
16. Nadeem, M.A., T. Abbas, A. Tanveer, R. Maqbool, A. Zohaib and **M.A. Shehzad**. 2017. Glyphosate hormesis in broad-leaved weeds: a challenge for weed management. *Archives of Agronomy and Soil Science*. 63: 344-351. <https://www.tandfonline.com/doi/pdf/10.1080/03650340.2016.1207243?needAccess=true>
17. Randhawa, M.S., M. Maqsood, **M.A. Shehzad**, M.U. Chattha, M.B. Chattha, F. Nawaz, S. Yasin, T. Abbas, M.M. Nawaz, R.D. Khan and U. Zulfiqar. 2017. Light interception, radiation use efficiency and biomass accumulation response of maize to integrated nutrient management under drought stress conditions. *Turkish Journal of Field Crops*. 22: 134-142. <http://dergipark.gov.tr/download/article-file/477290>
18. Nawaz, F., M. Naeem, A. Akram, M.Y. Ashraf, K.S. Ahmad, B. Zulfiqar, H. Sardar, R.N. Shabbir, S. Majeed, **M.A. Shehzad** and I. Anwar. 2017. Seed priming with KNO₃ mediates biochemical processes to inhibit lead toxicity in maize (*Zea mays* L.). *Journal of the Science of Food and Agriculture*. 97: 4780-4789. <https://onlinelibrary.wiley.com/doi/epdf/10.1002/jsfa.8347>
19. **Shehzad, M.A.**, M. Maqsood, F. Nawaz, T. Abbas and S. Yasin. 2018. Boron-induced improvement in physiological, biochemical and growth attributes in sunflower (*Helianthus annuus* L.) exposed to terminal drought stress. *Journal of Plant Nutrition*. 41: 943-955. <https://www.tandfonline.com/doi/abs/10.1080/01904167.2018.1431663?needAccess=true#HR0cHM6Ly93d3cudGFuZGZvbmxpbmUuY29tL2RvaS9wZGYvMTAuMTA4MC8wMTkwNDE2Ny4yMDE4LjE0MzE2NjM/bmVIZEFjY2Vzcz10cnVlQEBAMA>

NON-IMPACT FACTOR ARTICLES

1. Ahmad, W., J. Iqbal, M. Salim, I. Ahmad, M.A. Sarwar, **M.A. Shehzad** and M.A. Rafiq. 2011. Performance of oyster mushroom (*Pleurotus ostreatus*) on cotton waste amended with maize and banana leaves. *Pak. J. Nutrit.*, 10: 509-513. https://www.researchgate.net/profile/Javaid_Iqbal15/publication/267715021_Performance_of_Oyster_Mushroom_Pleurotus_ostreatus_on_Cotton_Waste_Amended_with_Maize_an

- [d_Banana_Leaves/links/54965bc20cf20f487d2f5cb9/Performance-of-Oyster-Mushroom-Pleurotus-ostreatus-on-Cotton-Waste-Amended-with-Maize-and-Banana-Leaves.pdf](#)
2. **Shehzad, M.A.**, M. Iqbal, A. Areeb and M. Arif. 2012. Weed management and wheat (*Triticum aestivum* L.) yield under application of different post emergence herbicides. Int. Res. J. Agric. Sci. Soil Sci., 2: 133-141. https://s3.amazonaws.com/academia.edu.documents/39855457/Weed_control_and_wheat_Triticum_Aestivu20151110-11969-gmgsem.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1538551190&Signature=w3p%2FnTATyfCHSYpoYq5RcCjogyI%3D&response-content-disposition=inline%3B%20filename%3DWeed_control_and_wheat_Triticum_aestivum.pdf
 3. Maqsood, M., **M.A. Shehzad**, S. Ahmad and S. Mushtaq. 2012. Performance of wheat (*Triticum aestivum* L.) genotypes associated with agronomical traits under water stress conditions. Asian. J. Pharm. Biol. Res., 2: 45-50. <http://eds.a.ebscohost.com/eds/pdfviewer/pdfviewer?vid=1&sid=e3195b3b-801c-4f69-a87a-551ff0ebd145%40sessionmgr4010>
 4. Shahzad, K., **M.A. Shehzad**, M. Iqbal and M. Arif. 2012. Response of maize (*Zea mays* L.) genotypes to soil and foliar application of boron. Asian. J. Pharm. Biol. Res., 2: 65-72. <http://eds.a.ebscohost.com/eds/pdfviewer/pdfviewer?vid=1&sid=d8e791b2-3030-4f59-a9b5-b808e34d6cb1%40sdc-v-sessmgr06>
 5. Bashir, F., M. Maqsood, N. Sarwar, H. Ali, K. Mubeen and **M.A. Shehzad**. 2012. Effect of foliar application of zinc on yield and radiation use efficiency (RUE) of maize (*Zea mays* L.) under reduced irrigation conditions. Asian. J. Pharm. Biol. Res., 2: 33-39. <http://eds.a.ebscohost.com/eds/pdfviewer/pdfviewer?vid=1&sid=c41df055-d545-4fb3-b3fc-3be1039c5b48%40sessionmgr4010>
 6. **Shehzad, M.A.**, M. Maqsood, S. Iqbal, M. Saleem, M.-ul-Hassan and W. Ahmad. 2012. Impact of nitrogen nutrition and moisture deficits on growth, yield and radiation use efficiency of wheat (*Triticum aestivum* L.). Afr. J. Biotechnol., 11: 13980-13987. <https://www.ajol.info/index.php/ajb/article/view/129355>
 7. Maqsood, M., **M.A. Shehzad**, M.A. Sarwar, H.T. Abbas and S. Mushtaq. 2012. Impact of different moisture regimes and nitrogen rates on yield and yield attributes of maize (*Zea mays* L.). Afr. J. Biotechnol., 11: 8449-8455. <https://www.ajol.info/index.php/ajb/article/view/127482>
 8. Arif, M., **M.A. Shehzad**, F. Bashir, M. Tasneem, G. Yasin and M. Iqbal. 2012. Boron, zinc and microtone effects on growth, chlorophyll contents and yield attributes in rice (*Oryza sativa* L.) cultivar. Afr. J. Biotechnol., 11: 10851-10858. <https://www.ajol.info/index.php/ajb/article/view/128629>
 9. Mushtaq, S., I.A. Hafiz, S.Z. ul Hasan, M. Arif, **M.A. Shehzad**, R. Rafique, M. Rasheed, M. Ali and M.S. Iqbal. 2012. Evaluation of seed priming on germination of *Gladiolus alatus*.

Afr.J.Biotechnol.,11:11520-11523.

<https://www.ajol.info/index.php/ajb/article/view/128764>

10. Sarwar, M.A., N. Akbar, H.M.R. Javeed, **M.A. Shehzad**, A. Mehmood and H.T. Abbas. 2013. Response of zero tilled wheat crop to different mulching techniques in a semiarid environment. Int. J. Adv. Res., 1: 768-776. http://www.journalijar.com/uploads/2013-12-07_080548_673.pdf
11. Sarwar, M.A., M.N. Khalil-ur-Rehman, H.M.R. Javeed, W. Ahmad, **M.A. Shehzad**, S. Iqbal, H.T. Abbas. 2013. Comparative performance of various sunflower hybrids for yield and its related attributes. Cercetari Agronomice in Moldova. 156: 57-64. http://www.uaiasi.ro/CERCET_AGROMOLD/CA4-13-07.pdf
12. Abbas, T., M.A. Nadeem, A. Tanveer, R. Maqbool, A. Zohaib, **M.A. Shehzad** and N. Farooq. 2016. Glyphosate herbicide causes hormesis in wheat. Pak. J. Weed Sci. Res. 22: 575-586. https://www.wssp.org.pk/weed/paper_details.php?id=553
13. Ikram, N.A., A. Tanveer, **M.A. Shehzad**, T. Abbas and R.M. Ikram. 2018. Weed competition effects on maize fodder production sown under different seeding densities. Pak. J. Weed Sci. Res. 24: 105-117. https://www.wssp.org.pk/weed/paper_details.php?id=1192
14. Ahmad, N., Salim Ur-Rehman, M.A. Shabbir, Abdullah, **M.A. Shehzad**, Zia ud-Din, T.H. Roberts. 2018. Fortification of durum wheat semolina with detoxified matri (*Lathyrus sativus*) flour to improve the nutritional properties of pasta. Journal of Food Science and Technology. 55: 2114-2121. <https://link.springer.com/article/10.1007/s13197-018-3126-x>