

Dr. SHAHENSHAH

PEER-REVIEWED PUBLICATIONS

1. Khan, M. O., M. J. Khan, M. O. Khan, M. Shafi, S. Anwar, A. A. Khan, **ShahenShah**. 2019. Wheat yield as affected by sources of sulfur and its time of application. *International Journal of Bioscience*. 5(6): 37 – 50.
2. Ali, S., X. Ma, Q. Jia, I. Ahmad, S. Ahmad, Z. Sha, B. Yun, A. Muhammad, X. Ren, **ShahenShah**, H. Akbar, T. Cai, J. Zhang, and Z. Jia. 2019. Supplemental irrigation strategy for improving grain filling, economic return, and production in winter wheat under the ridge and furrow rainwater harvesting system. *Agricultural Water Management*. 226: 1 – 10.
<https://doi.org/10.1016/j.agwat.2019.105842>
3. Iqbal, A., R.S. Khan, K. Shehryar, A. Imran, F. Ali, S. Attia, **ShahenShah**, M. Mii. 2019. Antimicrobial peptides as effective tools for enhanced disease resistance in plants. *Plant Cell, Tissue and Organ Culture*. 139(1): 1 – 15. <https://doi.org/10.1007/s11240-019-01668-6>
4. Zamin, M. A. M. Khattak, A. M. Salim, K. B. Marcum, M. Shakur, **ShahenShah**, I. Jan, and S. Fahad. 2019. Performance of *Aeluropus lagopoides* (mangrove grass) ecotypes, a potential turfgrass, under high saline conditions. *Environmental Science and Pollution Research*, 26(13): 13410 – 13421.
<https://doi.org/10.1007/s11356-019-04838-3>
5. Coast, O., **ShahenShah**, A. Ivakov, et al. 2019. Predicting dark respiration rates of wheat leaves from hyperspectral reflectance. *Plant Cell & Environment*, 42(7): 2133 – 2150.
<https://doi.org/10.1111/pce.13544>
6. Basir, A., A. Tahir, K. Afridi, S. Fahad, Z. Ahmad, M. Adnan, M. Alam, **ShahenShah**, A. Khan, F. Wahid, M. Ibrahim, I. Rahman, M.A. Khan, and R. Ali. 2018. Optimization of sowing time and seed rate can enhance wheat yield in semi-arid environment. *The Philippine Agricultural Scientist*, 101(4): 326 – 332.
7. **ShahenShah**, M. Hussain, A. Jalal, M. S. Khan, T. Shah, M. Ilyas, and M. Uzair. 2018. Nitrogen and sulfur rates and timing effects on phenology, biomass yield and economics of wheat. *Sarhad Journal of Agriculture*, 34(3): 671 – 679.
8. Khan, H., R. Gul, N. U. Khan, R. Naz, **ShahenShah**, N. Asim, and A. Latif. 2018. Role of selection indices in ascertaining high yielding drought stress tolerant chickpea (*Cicer arietinum* L.). *The Journal of Animal and Plant Sciences*, 28(1): 146 – 154.
9. Gul, R., H. Khan, **ShahenShah**, N.U. Khan, N. Asim, A. Latif, and K. Harada. 2018. Characterization for nodulation and detection of duplicate gene action of dominant epistasis

controlling root nodulation in chickpea (*Cicer arietinum* L.). *International Journal of Agriculture and Biology*, 20: 683 – 688.

10. Zamin, M., A.M. Khattak, M.A.S. Alyafei, M. Sajid, M. Shakur, **ShahenShah**, I. Khan, H. Rashid, and Shafiulla. 2018. *Sporobolus spicatus*, a potential turf grass under the climatic conditions of United Arab Emirates. *Journal of Scientific Agriculture*, 2: 1 – 8.
11. Iqbal, A., **ShahenShah**, M. Nisar, and A. Ghafoor. 2017. Morphological characterization and selection for high yielding and powdery mildew resistant pea (*Pisum sativum*) lines. *Sains Malaysiana*, 46(10): 1727 – 1734.
12. Moinullah, **ShahenShah**, A. Jalal, T. Shah, W. Ahmad, and A. A. Khan. 2017. Integrated herbicides application at different timing for weed management and wheat productivity. *Pakistan Journal Weed Science Research*, 23 (4): 387 – 396.
13. Nawaz, H., **ShahenShah**, A. Rab, H. Fayyaz, H. Raza, H. Khan, T. Jan, I. Ali, G. Sadiq, F. Khan, and S. J. Ahmad. 2017. Response of wheat cultivars toward successive delayed sowing under rainfed condition in Lower Dir. *Pure Applied Biology*, 6(2): 470 – 480.
14. Muhmmad, Z., G. Ahmad, B. Iqbal, Subhanullah, R. A. Khan, A. Bari, and **Shahenshah**. 2016. Effect of fertilizer dose on the performance of spring cereals. *Pure Appl. Biol.*, 5(3): 458 – 463.
15. **Shahenshah**, G. Ghani, H. Khan, M. Arif, A. Qahar, Inamullah, A. Ali, and M. Ahmad. 2015. Response of maize cultivars to phosphorus and zinc nutrition. *Pakistan Journal of Botany*, 47(SI): 289 – 292.
16. Shafi, M., R. Zaman, J. Bakht, Y. Hayat, and **Shahenshah**. 2015. Dry matter partitioning and grain yield of wheat as affected by phosphorus and its application methods. *Pakistan Journal of Botany*, 47(SI): 281 – 287.
17. Ali, K., M. Arif, **Shahenshah**, Z. Hussain, A. Ali, S. Munir, and H. Sher. 2015. Effect of organic and inorganic nutrients sources on phenology and growth of wheat. *Pakistan Journal of Botany*, 47(6): 2215 – 2222.
18. Azeem, K., **Shahenshah**, N. Ahmad, S. T. Shah, F. Khan, Y. Arafat, F. Naz, I. Azeem, and M. Ilyas. 2015. Physiological indices, biomass and economic yield of maize influenced by humic acid and nitrogen levels. *Russian Agricultural Science*, 41 (2–3): 115–119.
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20. Khan, A. A., M. N. Khan, Inamuallah, **Shahenshah**, I. R. Arshad, I. Muhammad, and A. Zeb. 2015. Effect of potash application on growth, yield and yield components of spring maize hybrids. *Pure & Applied Biology*, 4: 195-203.
21. Amanullah, S. F. Bashir, A. Qahar, **Shahenshah**, B. Ahmad, and A. Iqbal. 2015. Interactive effects of nitrogen and sulfur on growth, dry matter partitioning and yield of maize. *Pure & Applied Biology*, 4: 164-170.
22. Ali, S., S. Din, O. Ullah, **Shahenshah**, S. Din, T. Ali, and I. Din. 2015. Yield and yield components of maize response to compost and fertilizer-nitrogen. *Food Science & Quality Management*, 38: 39-44.
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24. Amanullah, **Shahenshah**, Z. Shah, S. K. Khalil, A. Jan, M. T. Jan, M. afzal, H. Akbar, H. Khan, H. Rahman, K. Nawab, Farhatullah, F. Muhammad, Z. Hussain, K. M. Kakar, and I. Khan. 2014. Effect of variable nitrogen source and rate on leaf area index and total dry matter accumulation in maize (*Zea mays* L.) genotypes under calcareous soil. *Turkish Journal Field Crops*, 19 (2): 276-284.
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30. Rahman, Q. W., M. Sajid, **Shahenshah**, H. Khan, Q. L. Rahman, D. Ahmad, F. Wahid, and Z. Muhammad. 2012. Effect of different herbicides and row spacings on the growth and

yield of tomato (*Lycopersicon esculentum* L.). *Pakistan Journal of Weed Science Research*, 18 (2): 157-165.

31. Rahman, Q. L., M. Sajjad, N. Khan, **Shahenshah**, and M. Nazir. 2011. Costs and net returns of tobacco production in district swabi (Khyber Pakhtunkhwa) Pakistan. *Interdisciplinary Journal of Contemporary Research & Business*, 3(8): 160-171.
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36. **Shahenshah** and A. Isoda. 2009. Effects of water stress on leaf temperature and chlorophyll fluorescence parameters in cotton and peanut. *Plant Production Science*, 13 (3): 269-278.
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