

48 Publications in National and International Refereed Journals

Impact Factor Publications

1. K. Iqbal, S. U. Siddique, M. I. Khan, Z. Hussain, B. Gul, **Haroon Khan**, I. Ahmad and K. Nawab. 2021. Influence of varieties, irrigation and weed control measures on nutritional status of chickpea grains. *Gesunde Pflanzen* (accepted for publication)
2. T. Rehman, M. Azim Khan, **Haroon Khan**, W. A. Shah. V. Altay and M. Ozturk. 2020. Tillage, nutrients and weed control affects yield of sugar beet. 29(5):3380-3387. *FEB-Fresenius Environmental Bulletin*
3. A. Muhammad, I. A. Mian, D. Muhammad, **Haroon Khan**, I. Khan, M. I. Khan and A. Jalal. 2020. Resilience of weed infestation through maize cultivars selection and sowing times alteration under changing climate. *Mitteilungen Klosterneuburg Journal*: 70 (2):108-121.
4. Hanif Khan, M. S. Khan, M. A. Sajad, **Haroon Khan**, M. Ihsan, I. Ullah, Z. Khan and Umar Zeb. 2020. Phytoremediation of selected heavy metals using *Bryophyllum daigremontianum* (RAYM-HAMET & H. PERRIER). *Bangladesh J. Bot.* 49(1): 21-27, 2020 (March)
5. B. Gul, S. Ijaz & **Haroon Khan**. 2019. Allelopathic effect of lotus and arrowhead weed on wheat, wild oat and milkthistle germination. *Planta Daninha* 2019; Volume: 37: e019184290. ISSN 1806-9681 (online)
6. B. Gul, Afaq Khan and **Haroon Khan**. 2018. Management of cattails in standing water of District Swabi, KPK-Pakistan. *Journal of Aquatic Plant Management*. 56: 31-34.
7. B. Gul, M. Saeed, **Haroon Khan**, M. I. Khan and I. Khan. 2017. Impact of water hyacinth and water lettuce aqueous extracts on growth and germination of wheat and its associated troublesome weeds. *Journal of Applied Ecology and Environmental Research*. 15(3): 939-950.
8. Shahida Naveed, M. Ibrar, I. Khattak, I. Khan, M.I. Khan and **Haroon Khan**. 2016. Anthelmintic, antilice, insecticidal, cytotoxic and phytotoxic potential of ethanolic extracts of two wild medicinal plants *Iphiona grantioides* and *plucheaarguta*. *Wulfenia Journal*. 23(2):1-13.
9. Shaheen Kashmir, M. Azim Khan, A. Ali Shad, K.B. Marwat and **Haroon Khan**. 2016. Temperature and salinity affect the germination and growth of *Silybum marianum* and *Avena fatua* L. *Pakistan Journal of Botany*. 48(2): 469-476, 2016.
10. **Haroon Khan**, Adil, B. Gul, M.A. Khan and K.B. Marwat. 2015. Efficacy of aqueous extracts of different allelopathic plants on germination and growth of wheat and wild oat seeds. *Pakistan Journal of Botany*. 47(SI):181-185.
11. M. A. Khan, B. Gul, K. B. Marwat, F. Wahid, **Haroon Khan** and S. Hashim. 2014. *Pistia stratiotes* L. (ARACEAE): Phytochemistry, use in medicines, phytoremediation, biogas and management options. *Pakistan Journal of Botany*. 46(3): 851-860.
12. **Haroon Khan**, K. B. Marwat, M. A. Khan and S. Hashim. 2014. Herbicidal control of parthenium weed in maize. *Pakistan Journal of Botany*. 46(2): 497-504.
13. B. Gul, K. B. Marwat, M. A. Khan and **Haroon Khan**. 2014. Impact of tillage, plant population and mulches on phenological characters of maize. *Pakistan Journal of Botany*. 46(2): 549-554.
14. **Haroon Khan**, K. B. Marwat, G. Hassan, M. A. Khan and S. Hashim. 2014. Distribution of parthenium weed in Peshawar valley, Khyber Pakhtunkhwa- Pakistan. *Pakistan Journal of Botany*. 46(1): 81-91.
15. **Haroon Khan**, K. B. Marwat, G. Hassan and M. A. Khan. 2012. Chemical control of *Parthenium hysterophorus* L. at different growth stages in non-cropped area. *Pakistan Journal of Botany*. 44(5): 1721-1726.
16. M. A. Khan, K. B. Marwat, A. Amin, A. Nawaz, R. Khan and **Haroon Khan**. 2012. Soil solarization: an organic weed management approach in Cauliflower. *Communications in Soil Science and Plant Analysis*. 43: 1847-1860.
17. Hassan, G. and **Haroon Khan**. 2007. Effect of wild oats (*Avena fatua* L.) density on wheat yield and its components under varying nitrogen regimes. *Pakistan Journal of Botany*. 39(7): 2585-2594.

National and International Publications/(HEC Recognized)

18. **Haroon Khan**, M. M. Khan, B. Gul, M. F. and I. Khan. 2020. Weeds Flora of the Agricultural University Peshawar Research Farm. *Pak. J. Weed Sci. Res.* 26(4): 455-468.
19. H. Ullah, B. Gul, **Haroon Khan** and I. Hameed. 2020. Effect of pH levels on duckweed's proximate composition for utilization as poultry and fish feed. *Bioscience Research*, 17(4): 2604-2613.

20. B. Gul, I. Ahmad, **Haroon Khan**, U. Zeb & H. Ullah. 2018. Floristic inventory of wild plants of Peshawar university campus. *Acta Ecologica Sinica- Inte. J.* <https://doi.org/10.1016/j.chnaes.2018.04.005>
21. S. Ali, U. Zeb, W. Lei, **Haroon Khan**, K. Shehzad, I. Ullah. 2018. Floristic inventory and ecological characterization the village Sherpao, District Charsadda, KPK- Pakistan. *Acta Ecologica Sinica- Inte. J.* <https://doi.org/10.1016/j.chnaes.2017.12.004>
22. U. Zeb, S. Ali, Z. H. Lia, **Haroon Khan**, K. Shahzad, M. Shuaib, M. Ihsan. 2017. Floristic diversity and ecological characteristics of weeds at Atto Khel Mohmand Agency, KPK, Pakistan. *Acta Ecologica Sinica- International Journal*. 37: 363-367.
23. I. A. Khan M. B. Khan, B. Gul, Haroon Khan and B. Khattak. 2017. Effect of various PH and salinity levels of water on the germination and growth of *Typha Latifolia* L. *Pak. J. Weed Sci. Res.*, 23(3): 315-321.
24. B. Gul, Bilal Khan and **Haroon Khan**. 2017. Aquatic flora of various fresh water bodies of District Charsadda, Khyber Pakhtunkhwa, Pakistan. *Pak. J. Weed Sci. Res.*, 23(2): 193-206.
25. S. Hidayat, A. Saleem, **Haroon Khan**, M. Zeb, B. Gul and W. M. Khan. 2017. Range and forest vegetation analysis along the altitudinal gradient in lower Dir, KPK-Pakistan. *Pak. J. Weed Sci. Res.*, 23(1): 103-117.
26. Khan, W.M., S. Ali, M. S. Khan, N. Umar, K. Ali and **Haroon Khan**. 2016. Investigation of antimicrobial activity of some selected weed species. *Pak. J. Weed Sci. Res.*, 22(4): 587-593.
27. Zeb, U., **Haroon Khan**, B. Gul and M.W Khan. 2016. Floristic composition and phytosociological studies of Hazar Nao hills district Malakand, Khyber Pakhtunkhwa, Pak. *J. Weed Sci. Res.* 22(2): 295-315.
28. Khan, W.M., S.Z. Shah, M.S. Khan, N. Akhtar, I. Munir and **Haroon Khan**. 2016. A preliminary phytochemical screening of medicinal plants: a case study of selected plant species at three phenological stages. *Pak. J. Weed Sci. Res.* 22(2): 329-352.
29. Said, F., M. H. Khan, S. Haq, Adam Khan, **Haroon Khan**, N. Mehmood and Z. Baig. 2015. Efficacy of different synthetic insecticides against aphid and budworm on tobacco and their impact on yield and quality of the crop in the province of KPK. *FUUAST J. Biol.*, 5(2): 297-301.
30. Fawad, M., **Haroon Khan**, B. Gul, M. A. Khan and K.B. Marwat. 2015. Comparative effect of herbicidal and non-chemical control methods against water hyacinth. *Pak. J. Weed Sci. Res.* 21(4):593-605.
31. M. Kashif, B. Gul, **Haroon Khan**, S. Hidayat and M. Amin. 2015. Impact of soil moisture and soil depths on re-sprouting ability of Johnson grass (*Sorghum halepense* L.) rhizomes. *Pak. J. Weed Sci. Res.* 21(2): 327-334.
32. K. Ali, B. Gul, F. Hussain, **Haroon Khan**, M. Ali, and K. Junaid. 2015. The study of algae: the non-vascular aquatic weeds from various fresh water bodies of Peshawar Pakistan. *Pak. J. Weed Sci. Res.* 21(1): 111-122.
33. Fawad, M., B. Gul, **Haroon Khan** and Z. Khan. 2013. Study and collection of the hydrophytes of the district Swabi-Pakistan. *Pak. J. Weed Sci. Res.* 19(4): 515-522.
34. **Haroon Khan**, K. B. Marwat, G. Hassan and M.A. Khan. 2013. Socio-economic impacts of parthenium weed (*Parthenium hysterophorus* L.) in Peshawar valley, KPK. *Pak. J. Weed Sci. Res.* 19(3): 275-293.
35. Ikramullah, K., K.B. Marwat, I.A.Khan, H.Ali, K. Dawar and **Haroon Khan**. 2011. Invasive weeds of southern districts of KPK-Pakistan. *Pak. J. Weed Sci. Res.* 17(2): 161-174.
36. **Haroon Khan**, K. B. Marwat, M.A. Khan and G. Hassan. 2007. Efficacy of some pre and post emergence herbicides for controlling weeds of FCV tobacco in Pakistan. 2007. *African Crop Sci. Conf. Proc. Egypt*. Vol. 8. pp.1099-1103.
37. **Haroon Khan**, K. B. Marwat and M. A. Khan. 2006. Impact of herbicides on some agronomic and chemical characteristics of FCV tobacco Songklanakarin J. Sci. Technol. Thailand. Vol. 28 No. 5: 929-935.
38. Shahid, M., B. Ahmad, R. A. Khattak, G. Hassan and **Haroon Khan**. 2006. Response of wheat and its weeds to different allopathic plant water extracts. *Pak. J. Weed Sci. Res.* 12(1-2): 61-68.
39. **Haroon Khan**, K. B. Marwat, M. A. Khan and N. Khan. 2004. Distributions and control of broomrape (*Orobanch* spp.) and other major weeds in district Swabi. *Pak. J. Weed Sci. Res.* 10(3-4): 193-200.
40. Hassan, G. and **Haroon Khan**. 2005. GA₃ and KNO₃ break dormancy in curly dock (*Rumex crispus* L.) seeds under varying temperatures. The 20th Asian-Pacific Weed Sci. Society Conf. Vietnam, 7-11 Nov.: 169-174.
41. Hassan, G., **Haroon Khan** and M. Saeed. 2004. Dormancy studies in some major weeds of rice-based cropping system of Pakistan. *Pak. J. Weed Sci. Res.* 10(3-4): 185-192.
42. Hassan, G., **Haroon Khan** and I. Khan. 2005. Quantification of tolerance of different wild oats (*Avena fatua* L.) biotypes to clodinafop propargyl and fenoxaprop-p-ethyl. *Pak. J. Weed Sci. Res.* 11(3-4): 61- 65.

43. Hassan, G., I. Khan, **Haroon Khan** and M. Munir. 2005. Effect of different herbicides on weed density and some agronomic traits of wheat (*Triticum aestivum* L.). Pak. J. Weed Sci. Res. 11(1-2): 17-22.
44. Hussain, A., S. K. Khalil, S. Khan and **Haroon Khan**. 2004. Effect of sowing time and variety on grain yield of mungbean. Sarhad J. Agric. Vol.2, No.4.
45. Khan, N., I. Khan, M. A. Khan and **Haroon Khan**. 2004. Major rabi and kharif weeds of agronomic crops of district Bannu. Pak. J. Weed Sci. Res. 10(1-2): 79-86.
46. Hassan, G., **Haroon Khan**, K. B. Marwat and M. A. Khan. 2003. Studies on weed seed dynamics in soil seed bank of rice-based cropping system of Pakistan. Pak. J. Weed Sci. Res. 9(3-4): 259-264.
47. Hassan, G., N. Ullah and **Haroon Khan**. 2003. Effect of zero tillage and herbicides on the weed density and yield of chickpea under rice-based conditions of D.I. Khan. Pak. J. Weed Sci. Res. 9(3-4): 193-200.
48. Ali, R., S. K. Khalil, M. Raza and **Haroon Khan**. 2003. Effect of herbicides and row spacing on maize yield. Pak. J. Weed Sci. Res. 9(3-4): 171-178.

Abstracts In The Proceedings/Presented

1. **Haroon Khan**, M. Mubassir Khan, M. Fawad and Bakhitar Gul. (2018). Phytosociology of weeds in new developmental farm Malakandher, The University of Agriculture, Peshawar- Pakistan. National Conference on Agricultural Problems and Food Security in the Changing Climate, 14-17th Nov 2018, UAP
2. **Haroon Khan** and Shah Zareen. Management of water lettuce in drainage system as a tool to avoid blockage resultant floods. Proceeding of The Ecology 17-International Conference on Ecology, Ecosystem and Climate Change, Istanbul, Turkey, Feb.17-18, 2017
3. **Haroon Khan**, G. Hassan and M.A. Khan. Distribution of Parthenium weed in Peshawar valley- Pakistan. 3rd International symposium on environmental weeds and invasive plants, October 2-7th 2011, Ascona, Switzerland. Abstract-129.
4. **Haroon Khan** and G. Hassan. Distribution, socio-economic and environmental impacts of parthenium weed in Peshawar valley-KPK. Paper presented in 22nd Asian Pacific Weed Science (APWSS) Conf. 08-12 March 2010 Lahore-Pakistan. Abstract-129.
5. Hassan, G. and **Haroon Khan**. GA₃ and KNO₃ break dormancy in curly dock (*Rumex crispus* L.) seeds under varying temperatures. The 20th Asian-Pacific Weed Sci. Society Conf. Vietnam, 7-11 Nov.:169-174, 2005.
6. Hassan, G., **Haroon Khan** and M. A. Khan. Dormancy breaking of wild oats (*Avena fatua* L.) seeds under varying temperatures, GA₃ and KNO₃ levels. Paper presented in 4th Inter. Weed Sci. Conf. 20-24 June 2004 Durban, South Africa.
7. Hassan, G. and **Haroon Khan**. GA₃ and KNO₃ break dormancy in wild oats (*Avena fatua* L.) seeds under varying temperature regimes. XVTH Inter. Plant Protection Cong. Beijing, China May 11-16, 2004. Abst. No. 1143
8. **Haroon Khan**, K. B. Marwat, M. A. Khan and M. Qaim. Performance of herbicides against weeds in F.C.V Tobacco. Paper presented in 6TH National Weed Sci. Conf. March 28-30, 2005. (WSSP) Abstracts, 2005. Abst. No. 42.
9. **Haroon Khan**, K. B. Marwat, M. A. Khan, and N. Khan. Distributions and control of broomrape (*Orobancha* spp.) and other major weeds in district Swabi. Paper presented in 1st Inter. Weed Science Conf. October 23-26, 2003. (WSSP) Abstracts, 2003. Abst. No. 30
10. Hassan, G. and **Haroon Khan**. Effect of wild oats (*Avena fatua* L.) density on wheat yield and its components under varying nitrogen regimes. Paper presented in 9th National Conf. of Plant Scientists. 13-5 February 2006. Abstract-9NCPS-3-18.
11. **Haroon Khan**, M. A. Khan and I. Khan. Control of Broomrape (*Orobancha* spp.) in flue cured virginia tobacco (*Nicotiana tabacum* L.) in Khyber Pakhtunkhwa. Paper presented in 4th Inter. Weed Science Cong. Sep. 6-8, 2012 Agri. Uni. Peshawar, Pakistan. Abst. No. 28.
12. **Haroon Khan**, K. B. Marwat, G. Hassan, M. A. Khan and S. Adikins. Chemical control of *Parthenium hysterophorus* L. at different growth stages in non-cropped area. Paper presented in 4th Inter. Weed Science Cong. Sep. 6-8, 2012 Agri. Uni. Peshawar, Pakistan. Abst. No. 47.
13. **Haroon Khan**, K. B. Marwat and S. Adikins. Distribution and management of parthenium weed in the Peshawar valley, Northwest- Pakistan. International Parthenium News. No. 7, Jan, 2013. Tropical & Sub-Tropical Weed Research Unit, University of Queensland Australia.