

## Dr. Ijaz Ahmad Khan

### LIST OF PUBLICATIONS

#### Impact Factor Publications

1. Khan, R. and **I. A. Khan**. 2015. Varietal response of chickpea (*Cicer arietinum* L.) towards the allelopathy of different weeds. *Sains Malaysiana*, 44 (1): 25-30.
2. Rahman. A., S. M. A. Shah, H. Rehman, I. H. Khalil and **I. A. Khan**. 2015. Genetic variability for morphological parameters in f2 segregating populations of rice. *Pak. J. Bot.* 47(5): 1759-1764.
3. Bakht, T., **I.A. Khan**, K.B. Marwat and Z. Hussain. 2014. Integration of row spacing, mulching and herbicides on weed management in tomato. *Pak. J. Bot.* 46(2): 543-547.
4. Hussain, Z., K.B. Marwat., J. Cordina and **I.A. Khan**. 2014. *Xanthium strumarium* L. impact on corn yield and yield components. *Turk. J. Agric. Forest.* 38 (1): 39-46.
5. Bakht, T. and **I.A. Khan**. 2014. Weed control in tomato (*Lycopersicon esculentum* Mil L.) through mulching and herbicides. *Pak. J. Bot.* 46(1): 289-292.
6. **Khan, I.A.**, M.I.Khan, Imtiaz Khan, M. Imran, M.Idrees and S. Bibi. 2013. Effect of different herbicides and weeds extracts on the yield and yield components of wheat (*Triticum aestivum* L.). *Pak. J. Bot.* 45(3): 981-985.
7. Khan. M.A., S. Kakar, K.B. Marwat and **I.A. Khan**. 2013. Differential response of *Zea mays* L. in relation to weed control and different macronutrient combinations. *Sains Malaysiana* 42(10): 1395–1401.
8. **Khan, I.A**, G. Hassan, S.A. Khan and S.M.A. Shah. 2012. Wheat-Wild oat interactions at varying densities and proportions. *Pak. J. Bot.* 44(3). 1053-1057.
9. Iqbal, Z., M.Iqbal, H.Bibi, M.Sajid, **I.A. Khan** and H. Shah. 2013. Feeding of L- phenylalanine as precursor enhances strobilurin A biosynthesis in the basidiomycete, *strobilurus tenacellus*. *Afri. J. Microbiol. Res.* 7(11): 921-924

10. **Khan, I.A**, K.B. Marwat , G. Hassan, R. Khan and Z. Ullah. 2012. Suppressive capability of herbicides and plant extracts against chickpea weeds. *J. Anim. & Plant Sci.* 22(2). 67-69.
11. **Khan, I.A**, Z. Ullah, G. Hassan, K.B. Marwat, S.M.A. Shah and S.A. Khan. 2011. Impact of different mulches on weed flora and yield of maize. *Pak. J. Bot.* 43(3). 1601-1602.
12. Bibi, M, N.U Khan, F. Mohammad, R. Gul, **I.A. Khan** and M. Idrees. 2011. Genetic disparity and relationship among quantitatively inherited yield related traits in diallel crosses of upland cotton. *Pak. J. Bot.* 43(5). 2543-2550.
13. Jan, A., I. Daur, Z Muhammad and **I.A.Khan**. 2011. Effect of mungbean residue and nitrogen levels on barley. *Pak. J. Bot.* 43(4).1905-1908.
14. Khan, S.A., N.U Khan, M. Ahmad, **I.A. Khan** and Z. Bibi. 2011. Combining ability analysis in Intraspecific F<sub>1</sub> diallel crosses of upland cotton. *Pak. J. Bot.* 43(3).1719-1723.
15. Shah, S.M.A, H.Rehaman, F.M.Abassai, M.A. Rabbani and **I.A.Khan**. 2011. Interspecific variation of total seed protein in wild rice germplasm using SDS-PAGE. *Pak. J. Bot.* 43(4): 2147-2152.
16. **Khan, I.A**, G. Hassan, K.B. Marwat, S.M.A. Shah and S.A. Khan. 2010. Interaction of wild oats (*Avena fatua* L.) with divergent wheat cultivars. *Pak. J. Bot.* 42(2):1051-1056.
17. Jan, A., I. Daur, K. Ali and **I.A.Khan**. 2010. Tillage and seed rates effect on weed biomass, grain and biological yield of dryland chickpea. *Pak. J. Bot.* 42(6).4011-4016.
18. **Khan, I.A**, G. Hassan and K.B. Marwat. 2008. Interaction of wild oats (*Avena fatua* L.) with spring wheat seeded at different rates. *Pak. J. Bot.*40(3) :1163-1167
19. **Khan, I.A.**, G. Hassan, K.B. Marwat and Ihsanullah .2008.Efficacy of some pre and post-emergence herbicides on yield and yield components of canola. *Pak. J. Bot.*40 (5):1943-1947.

20. Saeed, M., K.B. Marwat, G. Hassan and **I.A. Khan**. 2010. Interference of horse purslane (*Trianthema portulacastrum* L) with maize at different densities. Pak. J. Bot. 42 (1):173-179.
21. Batool, S., Khan, N.U., G. Hassan, K.B. Marwat, Raziuddin and **I.A. Khan**. 2010. Heritability and genetic potential of upland cotton genotypes for morpho-yield traits. Pak. J. Bot. 42 (2): 1057-1064.
22. Bakhtiar, G., K.B. Marwat, G. Hassan, M. Azim Khan, S. hashim and **I.A. Khan**. 2009. Impact of tillage, plant population and mulches on biological yield of maize. Pak. J. Bot. 41 (5): 2243-2249.
23. Khan, N.U., G. Hassan, K.B. Marwat and **I.A. Khan**. 2009. Genetic variability and heritability in upland cotton. Pak. J. Bot. 41 (4): 1695-1705.
24. Ihsanullah, K.B. Marwat and **I.A. Khan**. 2008. Effect of different levels of nitrogen on dry matter and grain yield of faba bean (*Vicia faba* L.). Pak. J. Bot. 40 (6):2453-2459.
25. Shah, S.M.A, H.Rehaman, F.M.Abassai, M.A. Akhtar, A. Rafi and **I.A. Khan**. 2009. Resistance characterization of wild relatives of rice in response to bacterial blight. Pak. J. Bot. 41(2)917-925.

### **International Publications**

1. Ahmad, I., Saifullah, M. Ahmad, **I. A. Khan**, R. Ali and A. Abbas. 2015. Incidence of root-knot nematode in winter weeds of tomato in Malakand division-Pakistan. J. Entomol & Zool Stud. 3(6): 385-391.
2. **I.A. Khan**, Zaheenullah and Rahamdad Khan. 2013. Weed flora in chickpea at district Karak, Khyber Pakhtunkhwa-Pakistan. Thai J. Agric. Sci. 46(2): 71-74.
3. **Khan, I.A**, Z. Ullah and Ihsanullah Daur. 2013. Comparison of different weed control techniques in Maize. Global J. Sci. Frontier Res. 13 (4).13-15.
4. M. Sajid, I.Hussain, **I.A. Khan**, A.Rab, I. Jan, F. Wahid and S.T Shah. 2013. Influence of organic mulches on growth and yield components of peas cultivar. Greener J. of Agric. Sci. 3(8):652-657.

5. Naveed, S., F.Hussain, I.Khattak, **I.A.Khan** and Barakatullah. 2012. Allelopathic potential of *Forsskeolea tencissema*. Int. J. Medic. & Appl. Sci. 1(1):5-14
6. Khan, A., **I.A. Khan**, R. Khan and S. Zarin. 2011. Allelopathic effects of *Parthenium hysterophorus* L. on seed germination and growth of soybean, mung bean and maize. Herbologia. 12(3):129-136.
7. Khan, M.I., G. Hassan, I. Khan and **I.A. Khan**. 2009. Herbicides and their doses effects on *Asphodelus tenuifolius* CAV. In chickpea. Herbologia 10(2):75-83.
8. **Khan, I.A.**, G. Hassan, Ihsanullah and Mithat Nuri Geverk. 2006. Yield potential and allelopathic effects of some wheat cultivars on wild oats (*Avena fatua* L.). Turk. J. Field Crops 10 (1): 12-16
9. **Khan, I.A.**, G. Hassan, K.B. Marwat and Iftikhar A. Khattak. 2006. Yield and yield components of wheat affected by wild oats (*Aven fatua* L.) densities under irrigated conditions. Herbologia 7(2):31-39.
10. Hassan, G., I.Khan and **I.A. Khan**. 2006. Studies on floristic composition of chickpea weed in district Karak, Pakistan. Iranian J. Weed Sci. 2(1) 69-80.

### National Publications

1. Said, F., M. Inayatullah, S. Ahmad, **I. A. Khan** and S. Haq. 2015. Comparing the effect of different plant extracts with a chemical insecticide for management of the aphid, *aphis gossypii* in sunflower. Pak. J. Weed Sci. Res. 21(3): 359-368.
2. Bibi, S. and **I. A. Khan**. 2014. Effect of intercropping on biomass of weeds and the associated crops. Pak. J. Weed Sci. Res. 20(4): 553-562.
3. Khan, R., Obaid-ur-Rehman, **I.A. Khan**, M. Haroon, M. Waqas, M. Ramzan and S. Uddin. 2014. Suppression of some broad leaf weeds through herbicides and pathenium extract. Pak. J. Weed Sci. Res. 20 (1): 51-58.
4. H. Ullah Hidayat, G. Hassan, I. Khan, M. I.Khan and **I.A. Khan**. 2013. Effect of different mulches and herbicides on potato and associated weeds. Pak. J. Weed Sci. Res. (2):191-200

5. Khan, N., N.W. Khan and **I.A. Khan** .2012. Integration of nitrogen fertilizer and herbicides for efficient weed management in maize crop. *Sarhad J. Agric.* 28(3):457-463.
6. Karimi, M. Ibrahim, G. Hassan, M.I. Khan, I. Khan and **I. A. Khan**. 2012. The impact of chemical and non-chemical weed control methods on weed dynamics and on the yield of onion. *Pak. J. Weed Sci. Res.* 18(2): 225-26389.
7. Khan. A. Majid, Z. Hussain, I. Khan, R. Khan, Z. Ali and **I.A. Khan**. 2012. Studies on weed seed bank of new developmental form, KPK Agricultural University Peshawar, Pakistan. *Pak. J. Weed Sci. Res.* 18(2): 183-189.
8. Sajid. M., A. Rab, N.U. Amin, I. Ahmad, I.A. Khan and M.A. Khan. 2011. Effect of herbicides and row spacing on the growth and yield of pea. *Pak. J. Weed Sci. Res.* 18(1): 1-13.
9. Khan. A., **I. A. Khan**, R. Khan, I. Khan, Z. Hussain, S. Ali and M.A. Raza. 2011. Important chickpea weeds of new Developmental farm, Khyber Pakhtunkhwa Agricultural University Peshawar, Pakistan. *Pak. J. Weed Sci. Res.* 17(3): 271-276.
10. Khan. I., K.B. Marwat, **I. A. Khan**, H. Ali, K. Dawar and H. Khan. 2011. Invasive Weeds of Southern Districts of Khyber Pakhtunkhwa-Pakistan. *Pak. J. Weed Sci. Res.* 17(2): 61-174.
11. Bakht, T., **I. A. Khan**, M.I. Khan, I. Khan and A.M. Khattak. 2009. Weed control in pea through mulches. *Pak. J. Weed Sci. Res.* 15: 83-89.
12. **Khan, I.A** and G. Hassan. 2008. Competition of wild oats with different wheat cultivars. *Sarhad J. Agric.* 24 (1): 113-116.
13. Iqbal K, M. Sulaiman, I. Khan, **I. A. Khan** and M.I. Khan. 2009. The effect and cost benefit ratio of different weeding methods on the yield of chickpea under agro-climatic conditions of district karak. *Pak. J. Weed Sci. Res.* 16(4): 431-442.
14. Ihsanullah, **I.A. Khan** and M. Jahangir. 2008. Nutritional quality of roasted and pressure-cooked chickpea compared to raw seeds. *Sarhad J. Agric.* 24 (1): 117-121.

15. Abdullah, G. Hassan, **I.A. Khan** and S.A Khan. 2008. Impact of planting methods and herbicides on weed biomass and some agronomic traits of maize. Pak J. Weed Sci. Res. 14(3-4): 131-140.
16. S. Ahmad, H. Bangash and **I.A.Khan** 2008. Cooperation and competition: An experimental study on children in Peshawar city. Sarhad J. Agric. 24 (2): 391-397.
17. Abdullah, G. Hassan, **I.A. Khan** and M. Munir. 2007. Effect of planting methods and herbicides on yield and yield components of maize. Pak J. Weed Sci. Res. 13(1-2): 39-48.
18. **Khan, I.A**, G. Hassan, K.B. Marwat and Munir Khan. 2006. Interspecific competition of tall and dwarf wheat cultivars with wild oats (*Avena fatua* L.). Pak J. Weed Sci. Res. 12(3): 151-156
19. Khattak, I.A, **Khan, I.A** and W. Nazif. 2006. Weeds as human food- a conquest for cheaper mineral sources. J. Agric. Biol. Sc. 1(2): 12-15.
20. **Khan, I.A** and G. Hassan. 2006. Effect of wild oats (*Aven fatua*) densities and proportions on yield and yield components of wheat. Pak J. Weed Sci. Res. 12(1-2): 69-77.
21. Shah, S., M. Qasim and **I.A. Khan**. 2006. Study of medicinal plants among weeds of wheat and maize in Peshawar region. Pak J. Weed Sci. Res. 12(3): 191-197.
22. Marwat K.B., **I.A. Khan**, M.I. Khan and Z. Hussain. 2005. Hebicied evaluation for weed control in chickpea. Pak J. Weed Sci. Res. 11(3-4): 147-150.
23. Hanif Z., S.A. Khan, K.B. Marwat and **I.A. Khan**. 2004. Important weeds of wheat crop of Malkanddher farm NWFP Agriculture University Peshawar. Pak J. Weed Sci. Res. 10(3-4): 109-112
24. Marwat, K.B., **I.A.Khan**, G.Hassan and Naqibullah Khan. 2004. Efficacy of different pre and post-emergence herbicides for controlling weeds in chickpea. Pak J. Weed Sci. Res. 10(1-2): 51-54

25. Marwat K.B., **I.A.Khan** and Zahid Hanif. 2004. Efficacy of different herbicides for controlling grassy weeds in chickpea (*Cicer arietinum* L.). Pak J. Weed Sci. Res. 10(3-4): 139-144
26. Khan, M. Ishfaq, G. Hassan and **I.A.Khan**. 2004. Studies on chemical weed control in wheat (*Triticum aestivum* L.). Pak J. Weed Sci. Res. 10(3-4): 113-118
27. Khan I., G.Hassan, M.I. Khan and **I.A. Khan**. 2004. Efficacy of some new herbicidal molecules on grassy and broadleaf weeds in wheat-II. Pak J. Weed Sci. Res. 10(1-2): 33-38
28. **Khan, I.A.**, G. Hassan and Ihsanullah. 2003. Efficacy of pre-emergence herbicides on the yield and yield components of Canola. Asian J. Plant Sci. 2 (3): 251-253
29. **Khan, I.A.**, G. Hassan, Ihsanullah and Muhammad Azim Khan. 2003. Efficacy of post-emergence herbicides for controlling weeds in Canola. Asian J. Plant Sci. 2 (3): 294- 296
30. Shah, N., G.Hassan, **I.A.Khan** and Abdul Azim. 2003. Management of grassy and broadleaf weeds in potato in the hills of Hazara. Pakistan. Pak J. Weed Sci. Res. 9(1-2): 111-116
31. Ihsanullah, F.H. Taj and **I.A. Khan**. 2003. Response of maize under different weed management. Asian J. Plant Sci. 2 (1): 1-3
32. Khan, M. Ishfaq, G. Hassan and **I.A. Khan**. 2003. Studies on post-emergent chemical weed control in wheat (*Triticum aestivum* L.). Pak J. Weed Sci. Res. 9(3-4): 147-152
33. Khan M.A., K.B. Marwat, N.Khan and **I.A. Khan**. 2003. Efficacy of different herbicides on the yield and yield components of maize. Asian J. Plant Sci. 2 (3): 300-304
34. Marwat K.B., Z. Hussain and **I.A. Khan**. 2003. Impact of weed management on rapeseed. Pak J. Weed Sci. Res. 9(3-4): 209-214
35. Marwat K.B., B. Gul and **I.A. Khan**. 2003. Efficacy of different herbicides for controlling weeds in onion. Pak J. Weed Sci. Res. 9(3-4): 225-228

36. Wazir M. Gul, N.A., A. Aziz and **I.A. Khan**. 2003. Effects of different soil media on the growth of dracaena dermensis var. Janet Craige cuttings. Sarhad J. Agric. 19(1): 31-34
37. **Khan, I.A.**, J. Bakht, W.A. Shah and N. Khan. 2002. Effect of seed rate on the yield and yield components of wheat under irrigated conditions of Peshawar. Asian J. Plant Sci. 1 (5): 513-515.
38. Ihsanullah, A. Jan, F.H. Taj and **I.A. Khan**. 2002. Effect of sowing dates on yield and yield components of mashbean varieties. Asian J. Plant Sci. 1 (6): 622-624
39. Jan, A., N.U. Khan, N.Khan and **I.A. Khan**. 2002. Chemical composition of Canola as affected by nitrogen and sulfur. Asian J. Plant Sci. 1 (5): 519-521
40. Khan, N., A. Jan and **I.A.Khan**. 2002. Response of wheat cultivars to varying seeding rates under rainfed conditions. Asian J. Plant Sci. 1 (4): 343-345.
41. Luqman, M., N.A, Ihsanullah and **I. A. Khan**. 2002. A farming survey of non-cultivation of date palm in district Karak. Asian J. Plant Sci. 1 (5): 602-603
42. Yousafzai, H., M.Arif, R. Gul, N.Ahmad and **I. A. Khan**. 2002. Effect of sowing dates on maize cultivars. Sarhad J. Agric. 18 (1): 11-15
43. Khan, N. A. Jan. Ihsanullah and **I. A Khan**. 2002. Response of Canola to nitrogen and sulfur nutrition. Asian J. Plant Sci. 1 (5): 516-518
44. Khattak, I. Saeed, G. Hassan and **I.A. Khan**. 2001. Evaluation of some elite breeding lines of wheat under the rainfed conditions of Kohat. Sarhad J. Agric. 17(4): 565-569