

# CURRICULUM VITAE

Name: Prof. Dr. Ijaz Ahmad Khan  
F/ Name: Sher Ahmad Khan  
Date of Birth: 20.6.1977  
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Religion: Islam  
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**Number of Publications: 111**

## PROFESSIONAL EXPERIENCE

Twenty two years Teaching, administrative and Research Experience in the Department of Weed Science and Botany, The University of Agriculture, Peshawar.

- a. Chairman Weed Science Department (January 2016- January 2019)
- b. Chairman Weed Science Department( June 2019- June 2022)
- c. Professor (March 2022 till Date)
- d. Associate Professor (May 2014-March 2022)
- e. Assistant Professor (Jan 2009- May 2014)
- f. Lecturer Weed Science (Feb 2002- Jan 2009)

## COURSES TAUGHT

1. Ecophysiology of weeds (PhD)
2. Aquatic weeds and their management (PhD)
3. Herbicide chemistry (PhD)
4. Research Methods in Weed Science (M.Sc Hons)
5. Applied Weed Science (B.Sc Hons)
6. General Weed Science (B.Sc Hons)
7. Introduction to Chemical Weed Control (B.Sc Hons)
8. Herbicides and Kharif Crops (M.Sc Hons)
9. Perennial and Parasitic Weeds (B.Sc Hons)

10. Weed Management in Field Crops (B.Sc Hons)
11. Weed Physiology (B.Sc Hons)
12. Weed Ecology (B.Sc Hons)
13. Introduction to Weed Science (B.Sc Hons)
14. Herbicides and Rabi Crops (M.Sc Hons)
15. Weeds management in Fruits and Orchards (B.Sc Hons)

### **COURSE DEVELOPED**

Developed a course entitled “**Medicinal weeds**” for graduate students.

### **STUDENTS SUPERVISED AS MAJOR ADVISOR:**

#### **M.Sc (Hons) Students**

1. Naveed Malik
2. Muhammad Sadiq
3. Zaheen ullah
4. Mahreen Aqeel
5. Tamana Bakht
6. Syed Jamal Uddin Reshed
7. Muhammad Imran
8. Idrees khan
9. Muhammad waqas
10. Obaid-ur-Rahman
11. Murad Ali

### **STUDENTS SUPERVISED AS CO-ADVISOR:**

#### **M.Sc (Hons) Students**

- |                        |                     |
|------------------------|---------------------|
| 1. Muhammad Ishfaq     | 2. Bakhtiar Gul     |
| 3. Zahid Hussain       | 4. Abdullah         |
| 5. Waheed Ullah        | 6. Imtiaz Ahmed     |
| 7. Aamir Jamil         | 8. Muhammad Farooq  |
| 9. Riaz Ahmad          | 10. Shafaq Ihsan    |
| 11. Masooma Tariq      | 12. Anwar Nawaz     |
| 13. Waqar Ullah        | 14. Tariq Shah      |
| 15. Shah Muhammad Arif | 16. Muhammad Sohail |
| 17. Sana Ashfaq        | 18. Khalid Khan     |
| 19. Muhammad Nawaz     | 20. Safi Ullah      |
| 21. Hussain Ali        | 22. Saif-ul-Islam   |
| 23. Muhammad Shakeel   | 24. Ashraf Ali      |
| 25. Syed Fahad Shah    | 26. Misbah Ullah    |

27. Israr Hussain  
29. Kamran Sohail

28. Muhammad Amir  
30. Muhammad Ismaeel

### **Ph.D Students Supervised (As Major Supervisor)**

1. Tamana Bakht
2. Shahida Bibi
3. Rahamdad khan
4. Muhammad Sadiq

### **Ph.D Students Supervised (As Co-Supervisor)**

1. Riaz Ahmad Afridi
2. Mian Ahmad Raza
3. Fazal Said
4. Muhammad Ijaz
5. Muhammad Nisar
6. Mian Sabahatullah

### **SEMINAR/WORKSHOPS ATTENDED**

#### **International**

1. Participated in International Conference on Food security through Sustainable Plant Protection Strategies organized by Department of Plant Protection, The University of Agriculture Peshawar from 16-20 January, 2022.
2. Participated in International Workshop on “Food Production and Processing Technologies” held at COMSTECH Islamabad, from 06-08 November, 2012.
3. Participated and orally presented a paper in 4<sup>nd</sup> International Weed Science Conference “Vegetation Management in 21<sup>st</sup> century” held at Khyber Pakhtunkhwa Agricultural University Peshawar, from 6-8 September, 2012.
4. Participated in International Workshop on “Adaptation to Natural hazards in changing global climate Scenario” held at COMSTECH Islamabad, from 25-27 September, 2012.
5. Participated and orally presented a paper in 3<sup>rd</sup> International Weed Science Conference, held at Khyber Pakhtunkhwa Agricultural University Peshawar, from 18-20 April, 2011.

6. Participated and orally presented a paper in 22<sup>nd</sup> Asia Pacific Weed Science Society Conference, held at GC University Lahore, from 8-12 March, 2010.
7. Participated in International Symposium on Institutional Linkages for agricultural development in Pakistan, held at Khyber Pakhtunkhwa Agricultural University Peshawar, from 20-21 December, 2010.
8. Participated and orally presented a paper in 12<sup>th</sup> water diffuse pollution conference held at Khon Khen, Thailand, from 25-29 August 2008.
9. Participated and orally presented a paper in 8<sup>th</sup> African Crop Science society Conference held at El-Minia, Egypt, from 27-31 October 2007.
10. Participated and orally presented a paper in Five Days International Conference on Agriculture, Post-harvest and Production technology, held at Khon Kaen, University Thailand, from 21-25 January, 2007.
11. Participated and orally presented a paper in Second International Weed Conference held at University of Arid Agriculture, Rawalpindi from 20-22 March, 2006
12. Participated and orally presented a paper in First International Weeds Science Conference held at Peshawar from 23-26 October, 2003.
13. Participated in 1<sup>st</sup> International Workshop on Web-based Tools for Plant Science Research held on April 16<sup>th</sup> -19<sup>th</sup> 2007 at the Department of Agronomy NWFP Agricultural University, Peshawar.

### **National**

1. Participated and Chaired a session in 1<sup>st</sup> National Conference on Biology held at Kohat University of Science and Technology on 29 March, 2022.
2. Participated as a resource person in HEC training workshop “Awareness, teaching and training on weed management techniques for farmers, faculty members and extension workers across the province, held at The University of Agriculture Peshawar, from 11-12 September, 2014.
3. Participated and orally presented a paper in 9<sup>th</sup> National Weed Science Conference held at Peshawar, from 28-30 June 2009.

4. Participated in two days training on Project Management held at Khyber Pakhtunkhwa Agricultural University Peshawar, on 2<sup>nd</sup> and 3<sup>rd</sup> April 2010.
5. Participated and orally presented a paper in 8<sup>th</sup> National Weed Science Conference held at GC University Lahore, from 25-27 June, 2007.
6. Participated and orally presented a paper in 6<sup>th</sup> National Weed Science Conference held at Peshawar, from 28-30 March 2005.
7. Participated in the Training on “Understanding the Use of Internet and Up Keeping the Networking System” held at NWFP Agricultural University Peshawar from 21-23 February 2008.
8. Participated in HEC sponsored workshop for In-service Teachers of Weed Science held at NWFP, Agriculture University Peshawar from August 9-14, 2005.
9. Participated in one week training workshop in Weed Science held at Weed Science department NWFP Agriculture University Peshawar from October 1-6, 2001.
10. Attended Staff Development Course under the scheme of National Academy of Higher education held from 13 June to 9 July, 2005 at University of Engineering and Technology, Peshawar.
11. Resource person for 3-Day course on Weed Management (December 19-21, 2005), Pakistan Academy for Rural Development Academy Town Peshawar.
12. Participated in the Training on “PC-I Development” held at NWFP Agricultural University Peshawar from 16<sup>th</sup> – 18<sup>th</sup> July 2007.
13. Participated in UNDP training workshop of presiding officer held at Peshawar on 8<sup>th</sup> December 2007.

### **MEMBERSHIPS**

1. Member of Weed Science Society of Pakistan
2. Member African Crop Science Society
3. Member Pakistan Botanical Society
4. Member BOS Entomology
5. Editor Pakistan journal of Weed Science
6. Member QEC Committee in Weed Science
7. Referee Sarhad Journal of Agriculture

8. Member, Institutional Discipline Committee in Weed Science
9. Member Purchase Committee in Weed Science Department

### **PERSONNEL CHARACTERISTICS**

A+ grade in Quality Evaluation Report

### **BOOKS PUBLISHED (3)**

- 1). Title:** Management of Wild Oat in Wheat  
**Authors:** Ijaz Ahmad Khan and Gul Hassan  
**Publisher:** VDM Verlag Dr. Aktiengesellschaft & Co. Germany (2010).  
**ISBN** 978-3-639-29825-3
  
- 2). Title:** Cultural Weeds Management in Pea  
**Authors:** Tamana Bakht and Ijaz Ahmad Khan  
**Publisher:** LAP LAMBERT Academic Publishing (2013).  
**ISBN** 3659296902
  
- 3). Title:** Weed management in chickpea under rain-fed conditions in Pakistan  
**Authors:** Rahamdad Khan and Ijaz Ahmad Khan  
**Publisher:** LAP LAMBERT Academic Publishing (2016).  
**ISBN** 3659949434

### **AWARDS AND TRAVEL GRANDS**

1. Won Research Productivity Award (RPA 2012-13) of Pakistan Council of Science and Technology.
2. Won Research Productivity Award (RPA 2011-12) of Pakistan Council of Science and Technology
3. Won 3<sup>rd</sup> prize in the Graduate students oral competition in the 2nd International Weed Science Conference held at University of Arid Agriculture, Rawalpindi during March 20-22, 2006.
4. Earned travel grands of Rs 82,000, Rs 87,000 and Rs 123,000 from HEC to attain International conferences in Thailand, Egypt and Thailand respectively.

## LIST OF PUBLICATIONS

### Impact Factor Publications

1. Shabbir, A., S. Ali, **I.A. Khan**, A. Belgeri, N. Khan and S. Adkins. 2021. Suppressing parthenium weed with beneficial plants in Australian grasslands. *Int. J. Pest Manag.* 67(2). 114-120.
2. Ullah, H., N. Khan and **I.A. Khan**. 2021. Complementing cultural weed control with plant allelopathy: Implications for improved weed management in wheat crop. *Acta Ecologica Sinica*. <https://doi.org/10.1016/j.chnaes.2021.06.006>
3. Bibi, S., **I.A. Khan**, Z. Hussain, S. Zaheer, H. Alsamadany and Y. Alzahrani. 2020. Performance of mungbean under herbicide application and intercropping with maize. *Pak. J. Bot.*, 52(3): 873-87.
4. Luqman, Z. Hussain, M. Ilyas, **I.A. Khan** and T. Bakht. 2020. Influence of sowing orientation and intercropping of chilies on onion yield and its associated weeds in Peshawar, Pakistan. *Pak. J. Bot.*, 52(1): 95-100.
5. Bibi, S., **I.A. Khan**, Z. Hussain, S. Zaheer and S.M.A. Shah. 2019. Effect of herbicides and intercropping on weeds and yields of maize and the associated intercrops. *Pak. J. Bot.*, 51(3): 1113-1120
6. **Khan, I.A.**, Z. Hussain, T. Bakht and Luqman. 2018. Plant spacing and mulching together affect the phenology and yield of tomato crop. *J. Anim. & Plant Sci.* 28(2): 546-551.
7. **Khan, I.A.**, Z. Hussain, Z. Ullah, R. Khan and G. Hassan. 2018. Impact of various weed management approaches on the yield of chickpea *cicer arietinum* L. crop. *Pak. J. Bot.* 50(2): 635-638.

8. **Khan, I. A.**, and R. Khan, A. Jan and S.M.A. Shah. 2018. Studies on Tolerance of Chickpea to Some Pre and Post-Emergence Herbicides. *Emirates J. Food & Agric.* 30(9). 725-31.
9. **Khan, I.A.**, R. Khan, G. Hassan, M. Waqas, S.M.A. Shah and S.A. Khan. 2018. Integrated approaches for weed suppression in chickpea (*Cicer arietinum*) under residual moisture after rice crop. *Planta Daninha.* 36. <http://dx.doi.org/10.1590/S0100-835820183601000>
10. Hassan, G., H.U. Rashid, A. Amin, **I.A. Khan** and N. Shehzad. 2018. Allelopathic effect of *Parthenium hysterophorus* on germination and growth of some important crops and weeds of economic importance. *Planta Daninha.* 36(4).
11. Khan, N., **I.A. Khan**, K. Naveed, A. Shabbir and S. Adkins. 2018. Root growth responses of parthenium weed and different pasture plants under elevated atmospheric carbon dioxide. *J. National Sci. Found. Sri Lanka.* 46(3):303-310.
12. Khattak, B., A.U.R. Safi, Z.U.D. Sindhu, M. Attaullah, Q. Jamal, T.A. Khan, M. Hussain, S. Anjum and **I.A. Khan**. 2018. Biological control of *Haemonchus contortus* by fungal antagonists in small ruminants. *Applied ecology and environmental research.* 16(5):5825-5835.
13. Ali, S. and **I.A. Khan**. 2017. Management of *parthenium hysterophorus* using suppressive plants. *Malaysian J. Sci.* 36 (2): 75-84.
14. **Khan, I.A.**, G. Hassan, N. Malik, R. Khan, H. Khan and S.A. Khan. 2016. Effect of herbicides on yield and yield components of hybrid maize (*Zea mays* L.). *Planta Daninha.* 34(4): 729-736.



15. Waqas, M., **I.A. Khan**, M. Zahid and I. Duar. 2016. Assessment of herbicides and mulches against weeds and yield of chickpea cultivars. *Int. J. Biosci.* 9(1): 282-290.
16. Hussain, Z., M.A. Khan. M. Ilyas, Luqman and **I.A. Khan**. 2016. Non-chemical weed management in potato at higher elevations. *Applied Ecology & Environmental Research.* 14(5): 67-76.
17. Gul, S., N.U. Khan, R. Gul, M. Baloch, A. Latif and **I.A. Khan**. 2016. Genotype by environment and phenotypic adaptability studies for yield and fiber variables in upland cotton. *J. Anim. & Plant Sci.* 26(3): 776-786.
18. Khan, M.T., I. Khan, M.I. Khan, Z. Hussain, S. Ayub, N. Khan, M. Shuaib and **I.A. Khan**. 2016. Ethnobotanical study of wild flora in the remote areas of Northern Pakistan. *Wulfenia.* 23(10): 149-165.
19. Shah, S.M.A., A. Rahman, H. Rahman, M. Ismaeel, S.A. Khan, **I.A. Khan**, A. Raza and F. Aman. 2016. Heritability and genetic advance for yield and yield related attributes in F<sub>2</sub> rice populations. *Int. J. Biosci.* 9(3): 170-176.
20. Khan, M.I., I. Khan, N. Khan, B. Gul, **I.A. Khan**, M. Iqbal and H. Bibi. 2016. Varietal response of maize (*Zea mays* L.) against weeds aqueous extracts. *Applied Ecology & Environmental Research.* 14(4): 569-576.
21. 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.
22. Rahman. A., S.M.A. Shah, H. Rehman, I.H. Khalil and **I.A. Khan**. 2015. Genetic variability for morphological parameters in F<sub>2</sub> segregating populations of rice. *Pak. J. Bot.* 47(5): 1759-1764.

23. 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.
24. 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.
25. 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.
26. **Khan, I.A.**, M.I. Khan, I. 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.
27. 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.
28. 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
29. **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.
30. **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.
31. **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.

32. 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.
33. 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.
34. 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.
35. 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.
36. **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.
37. 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.
38. **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
39. **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.

40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. Shah, S.M.A, H. Rehaman, F.M. Abassai, M.A. Akhatar, 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. **Khan, I.A.**, Waqas, M., Shah, S.M.A., Khan, N., and Khan, R. 2017. Evaluation of different techniques for economical control of weeds associated to chickpea. Tunisian J. Plant Protect. 12: 115-122.
2. Sajid, M., **I.A. Khan**, A. Rab, S. Khan and I. Ullah. 2016. Weed control efficiency of bioherbicides and mulches on yield and yield components of tomato. Thai J. Agric. Sci. 49(2):56-62.

3. 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.
4. **I.A. Khan**, Z. Ullah and R. Khan. 2013. Weed flora in chickpea at district Karak, Khyber Pakhtunkhwa-Pakistan. *Thai J. Agric. Sci.* 46(2): 71-74.
5. **Khan, I.A**, Z. Ullah and I. Daur. 2013. Comparison of different weed control techniques in Maize. *Global J. Sci. Frontier Res.* 13 (4).13-15.
6. 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.
7. Naveed, S., F.Hussain, I.Khattak, **I.A.Khan** and Barakatullah. 2012. Allelopathic potential of *Forsydia tenacissima*. *Int. J. Medic. & Appl. Sci.* 1(1):5-14
8. 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.
9. 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.
10. **Khan, I.A.**, G. Hassan, Ihsanullah and M.N. Gevrek. 2006. Yield potential and allelopathic effects of some wheat cultivars on wild oats (*Avena fatua* L.). *Turk. J. Field Crops* 10 (1): 12-16
11. **Khan, I.A**, G. Hassan, K.B. Marwat and Iftikhar A. Khattak. 2006. Yield and yield components of wheat affected by wild oats (*Avena fatua* L.) densities under irrigated conditions. *Herbologia* 7(2):31-39.
12. 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. Khattak, B., H. Wang, F. Lin, Saifullah, Q. Jamal and **I.A. Khan**. 2018. Single spore isolation and molecular characterization of *Trichoderma* species from agricultural fields of Zhejiang province, China. *Pakistan J. Phytopath.* 30. 115-119.
2. Khattak, B., Saifullah, S. Hussain, M. Ahmad, A. Ali, M. Junaid, **I.A. Khan**, T.A. Khan and M. Hussain. 2018. Genetic relatedness among the indigenous isolates of *Trichoderma harzianum*, using RAPD and their nematocidal capabilities against *Meloidogyne javanica*. *Sarhad J. Agric.* 34(2): 486-493.
3. **Khan, I.A.**, M. Bilal, B. Gul, H. 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.
4. Ali, S., and **I.A. Khan**. 2017. Distribution of *Parthenium hysterophorus* L. in the Swabi District of Khyber Pakhtunkhwa. *Sarhad J. Agric.* 33(2): 269-275.
5. Rahman Z.U., S.M.A. Shah, H.U. Rahman, F. Mohammad, M.A. Raza and **I.A. Khan**. 2017. Assessment of rice genotypes against bacterial leaf blight resistance. *Sarhad J. Agric.* 33(2): 293-297.
6. Hussain, Z., M. Ilyas, Luqman, **I.A. Khan**, I. Ullah and K. Ullah. 2017. Plant spacing and mulching effect on onion yield and weeds. *Pak. J. Weed Sci. Res.* 23(1): 65-77.
7. **Khan, I.A.**, S.U. Kakar, Z. Hussain and R. Khan. 2016. Importance value indices of weeds infesting maize crop in the new developmental farm of the University of Agriculture Peshawar. *Pak. J. Weed Sci. Res.* 22(1): 63-68.
8. Bibi, S. and **I.A. Khan**. 2016. Impact of weed control techniques on intercropping of mungbean with maize under agro climate condition of Peshawar. *Sarhad J. Agric.* 32(2): 62-69.
9. Hussain, Z., M. Ilyas, Luqman, **I.A. Khan**, F. Shehzad, I. Khan, M.I. Khan and B. Khan. 2016. Effect of sowing direction, plant spacing and weed control treatments on tomato yield and its weeds. *Pak. J. Weed Sci. Res.* 22(1): 49-62.

10. Hussain, Z., M. Ilyas, Luqman and **I.A. Khan**. 2016. Influence of sowing orientation and intercropping of chili on tomato yield and its weeds. Pak. J. Weed Sci. Res. 22(3): 395-406.
11. 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.
12. 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.
13. 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.
14. Ullah, H., 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
15. 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.
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