



Curriculum Vitae

A. PERSONAL INFORMATION

- B. Name:** Khalid Usman
- C. Date Of Birth:** 01.10. 1965
- N.I.C. No:** 12101-0341820-9
- Religion:** Islam
- D. Nationality:** Pakistani
- E. Domicile:** D.I.Khan
- F. Languages Spoken:** Urdu, English, Pashtoo, Arabic, Persian
- G. Marital Status:** Married
- H. Postal / Permanent Address:** Model Town, Near WENSUM, D.I.Khan.
- I. Phone & Mobile No:** 03025791765
- J. Fax No:** N/A
- K. Email:** dr.khalidusman@gu.edu.pk, drusmangu@gmail.com

L. EDUCATIONAL RECORD

| Level of Education / Examination Passed | Institution / Board / University | Date of obtaining Certificate / Degree | Marks Obtain/ Total | Division/ Grade/ Distinction | Specialized Field |
|---|--|--|---------------------|------------------------------|-------------------------|
| Ph.D Agriculture (Agronomy) | NWFP, Agricultural University Peshawar | 2010 | -- | A/Ist | Agronomy |
| M.Sc. (Hons) Agriculture | NWFP, Agricultural University Peshawar | 1993 | -- | B/Ist | Agronomy |
| B.Sc. (Hons) Agriculture | Gomal University, D.I.Khan. | 1990 | -- | A/Ist | Agronomy |
| H.S.C. | B.I.S.E. Bannu | 1986 | -- | B/Ist | F.Sc. (Additional Math) |
| S.S.C. | B.I.S.E. Islamabad | 1982 | -- | B/Ist | Science |

Topic of M.Phil/ M.Sc(Hons): Agronomic evaluation of selected wheat lines at various locations in NWFP

Topic of Ph.D: **Wheat productivity under different inputs and crop establishment techniques in a rice-based cropping system**

C. JOB DETAILS -TEACHING AND RESEARCH EXPERIENCE

| S.NO | Job Title, Period of Service and Address of Employer | Job Duties/ Responsibilities |
|------|--|------------------------------|
| 1. | Assistant Professor More than 24 years Department of Agronomy, Gomal University | Teaching and Research |

D. ADMINISTRATIVE EXPERIENCE 5 years

E. POST PH.D RESEARCH EXPERIENCE 10 years

F. PROJECTS EXECUTED/ COMPLETED one

G. INTERNATIONAL CONFERENCE/ FESTIVAL/ SYMPOSIUM

1st International Workshop on Web-based tools for plant science research (April 16-19, 2007)

H. WORKSHOP/ SEMINAR/ CONFERENCE/BUSINESS FORUM/JOB FAIR

| Name & Place | Presented/ Attended/ Participated | Duration From-To |
|---|--|------------------------------|
| Community Participation Training (May 1992-Nov. 1992), 6 months. (From Coverdale Organization funded by USAID, Peshawar) | Participated | May-Nov 1992 |
| ADHR (Association for Development of Human Resources) Workshop on Organization & Management of Rural Development, Islamabad | Participated | 21-30 August 1995 |
| Computer Education programme by Hamd Group of Education System (MS Word, MS, Powerpoint and basic knowledge of computer science), 1 month | Participated | |

1. FORMAL TRAINING

N.A

J. DISTINCTIONS/ AWARDS/ ACHIEVEMENTS

N.A

K. MEMBERSHIP OF ORGANIZATIONS

N.A

L. INTERNATIONAL PUBLICATION OF BOOKS

N.A

M. NATIONAL PUBLICATION OF BOOKS/ANNUAL REPORT/NEWSLETTERS

N.A

N. ACADEMIC AND RESEARCH ACHIEVEMENTS

N.A

O. SCHOLARLY, HONOURARY AND UNIVERSITY EXTENSION LECTURES

N.A

P. EDITORIAL AND VETTING OF INTERNATIONAL/ HEC RECOGNIZED JOURNALS

Reviewer

***Philippines Agricultural Scientist**

***African Journal of Agricultural Research**

***Achieves of Agronomy and Soil Science**

*** American Journal of Experimental Agriculture**

***American Journal of Plant Sciences**

*** Sarhad Journal of Agriculture**

Q. LIST OF RESEARCH PUBLICATIONS (IMPACT FACTOR/ HEC RECOGNIZED)

PUBLICATIONS

1. **Khalid Usman**, Shad Khan Khalil, Amir Zaman Khan, Iftikhar Hussain Khalil, Muhammad Azim Khan and Amanullah. 2010. Tillage and herbicides impact on weed control and wheat yield under rice-wheat cropping system in Northwestern Pakistan. **Soil and Tillage Research**. 110: 101-107. [Impact factor = 2.575]
2. Sarfaraz Khan Marwat, Fazal-Ur-Rehman, Muhammad Shoaib Khan, Said Ghulam, Naweed Anwar, Ghulam Mustafa and **Khalid Usman**. 2011. Phytochemical Constituents and Pharmacological Activities of Sweet Basil-Ocimum basilicum. (Lamiaceae). **Asian Journal of Chemistry**. 23(9): 3773-3782. [Impact factor = 0.355]
3. Sarfaraz Khan Marwat, Fazal-Ur-Rehman, **Khalid Usman**, Abdul Aziz Khakwani, Said Ghulam, Naveed Anwar, Muhammad Sadiq and Shah Jehan Khan. 2011. Medico-ethnobotanical studies of edible wild fruit plants species from the flora of northwestern Pakistan (D. I. Khan district). **Journal of Medicinal Plants Research**. 5(16): 3679-3686. [Impact factor = 0.879]
4. **Khalid Usman**, Shad Khan Khalil, Said Ghulam. 2012. Tillage and N impact on wheat production and N efficiency under rice-wheat cropping system in Northwestern Pakistan. **Philippine Agricultural Scientist**. Vol. 95(1): 33-42. [Impact factor = 0.368]
5. **Khalid Usman**, Inayatullah, Said Mir Khan, Said Ghulam, Muhammad Anwar Khan, Aziz ur Rehman. 2012. Tillage and Seed Rate Impact on Wheat Yield, Soil Organic Matter and Total Soil Nitrogen under Rice—Wheat Cropping System in Northwestern Pakistan. **Philippine Agricultural Scientist**, Vol. 95 (2): 160-168. [Impact factor = 0.368]
6. Sarfaraz Khan Marwat, Mir Ajab Khan, Mushtaq Ahmad, Muhammad Zafar, **Khalid Usman**. 2012. Floristic Account of the Asclepiadaceous Species from the Flora of Dera Ismail Khan District, KPK, Pakistan. **American Journal of Plant Sciences**. Vol.3: 141-149. [Impact factor = 0.27]
7. Sarfaraz Khan Marwat, Fazal-ur-Rehman, **Khalid Usman**, Syed Salim Shah and Naveed Anwar. 2012. A review of phytochemistry, bioactivities and ethno medicinal uses of *Rhazya stricta* Decsne (Apocynaceae). **African Journal of Microbiology Research**. 6(8): 1629-1641. [Impact factor = 0.5]

8. Sarfaraz Khan Marwat, **Khalid Usman**, Ejaz Ahmad Khan, Said Ghulam, Jalal ud Din, Abdul MananTauqeer and Fazal-ur-Rehman. 2012. Ethnobotanical Studies on Dwarf Palm (Nannorhopsritchiana (Griff.) Aitchison) and Date Palm (Phoenix dactylifera L.) in Dera Ismail Khan, KPK, Pakistan. **American Journal of Plant Sciences**. Vol. 3: 1162-1168. [Impact factor = **0.27**]
9. **Khalid Usman**, InayatUllah, Said Mir Khan, Said Ghulam, Muhammad Umar Khan, Muhammad Anwar Khan. 2012. Integrated Weed Management Through Tillage and Herbicides for Wheat Production in Rice-Wheat Cropping System in Northwestern Pakistan.**Journal of Integrative Agriculture (China)**. Vol. 11 (6): 946-953. [Impact factor = 0.82].
10. Sarfaraz Khan Marwat, MohyuddinHashimi, **Khalid Usman**, Muhammad Aslam Khan, MuhammadShoaib and Fazal-ur-Rehman. 2012. Barley (Hordeumvulgare L.) A Prophetic Food Mentioned in Ahadith and its Ethnoanical Importance. **American-Eurasian Journal of Agricultural & Environmental Sciences**.12 (7): 835-841.
11. **Khalid Usman**, Sarfaraz Khan, Said Ghulam, Muhammad Umar Khan, Niamatullah Khan, Muhammad Anwar Khan, Shad Khan Khalil. 2012.Sewage Sludge: An Important Biological Resource for Sustainable Agriculture and its Environmental Implications. **American Journal of Plant Sciences**. Vol. 3: 1708-1721. [Impact factor = **0.27**].
12. Khalid Usman.2013. Effect of Phosphorous and Irrigation Levels on Yield, Water Productivity, Phosphorous Use Efficiency and Income of Lowland Rice in Northwestern Pakistan. *Rice Science*, Vol.20 (1):61-72.
13. Sarfaraz Khan Marwat, **Khalid Usman**, Niamatullah Khan, Muhammad Umar Khan, Ejaz Ahmad Khan, Muhammad Anwar Khan, Aziz urRehman. 2013. Weeds of Wheat Crop and their Control Strategies in Dera Ismail Khan District, Khyber PakhtunKhwa, Pakistan. **American Journal of Plant Sciences**, Vol. 4:**66-76**. [Impact factor = **0.27**].
14. **Khalid Usman**, Ejaz Ahmad Khan,Niamatullah Khan,Muhammad Anwar Khan,Said Ghulam,Sarfaraz Khan,JalaluddinBaloch. 2013.Effect of Tillage and Nitrogen on 0331 732 3071Wheat production, Economics, and Soil fertility in Rice-Wheat Cropping System. **American Journal of Plant Sciences**, Vol 4: **17-25**. [Impact factor = **0.27**].
15. **Khalid Usman**, Niamatullah Khan, Muhammad Umar Khan, FazalYazdanSaleem&Abdur Rashid. 2013. Impact of tillage and nitrogen on cotton yield and quality in a wheat-cotton system, Pakistan.Archives of Agronomy and Soil Science (2013): Impact of tillage and nitrogen oncotton yield and quality in a wheat-cotton system, Pakistan, **Archives of Agronomy and Soil Science**,DOI: 10.1080/03650340.2013.812201.

16. **Khalid Usman**, Niamatullah Khan, Muhammad Umar Khan, Aziz urRehman , Said Ghulam. 2013. Impact of Tillage and Herbicides on Weed Density, Yield and Quality of Cotton in Wheat Based Cropping System.**Journal of Integrative Agriculture**.[Impact factor = 0.82]. **Vol. 12** »Issue (9): 1568-1579 DOI: 10.1016/s2095-3119(13)60339-1.
17. **Khalid Usman**, Ejaz Ahmad Khan,Niamatullah Khan, Abdur Rashid, FazalYazdan, Salimud Din. 2014. Response of Wheat to Tillage Plus Rice Residue and Nitrogen Management in Rice-Wheat System. **Journal of Integrative Agriculture. Vol.13, Issue 11, 2389-2398**.[Impact factor = 0.82]
18. **Khalid Usman**, Niamatullah Khan, FazalYazdan, Saleem-ud-Din. 2014. Response of wheat to tillage plus crop residue management and N split application in rice-wheat system. **Journal of Integrative Agriculture, Volume 13, Issue 12: 2625-2633**.[Impact factor = 0.82]
19. Niamatullah Khan, **Khalid Usman**, FazalYazdan, AbdusSubhan, Hayatullah Khan, Saleemud Din, SadiaGul. 2014. No-Till with Optimum N-Fertilization Produce High Cotton Lint Yield and Improve N- Efficiency in Wheat-Cotton Cropping System. Accepted in **Philippine Agricultural Scientist**. IF= 0.368.
20. **Khalid Usman**, Niamatullah Khan, Fazal Yazdan Saleem. 2014. Impact of tillage and intra-row spacing on cotton yield and quality in wheat based cropping system. Published in **Archives of Agron& Soil Science**.
21. **Khalid Usman**, Naimatullah Khan, Fazal Yazdan, Slaeem Ud Din. 2016. Response of Cotton to Different Tillage Systems and Post-emergence Herbicides in Wheat-Cotton System in Northwestern Pakistan. *Philippine Journal of Crop Science*. 41(2):61-70.

B. Papers published in HEC Recognized National Journals:

22. **Khalid Usman**, Ejaz Ahmad Khan, M. Umar Khan and QaziAdeel. 2005. Integrated Weed Management in Okra. **Pak. J. Weed Sci. Res.** 11 (1-2): 55-60.
23. M. Umar Khan, M. Qasim, M. Jamil and **Khalid Usman**. 2005. Effect of different levels of zinc on the soil, leaf and root concentrations of zinc and starch contents of paddy. **Sarhad J. Agric.** Vol. 21, No. 3. 403-408.
23. **Khalid Usman**, Ejaz Ahmad Khan, Qasim Khan and M. Umar Khan. 2006.

- Agronomic evaluation of selected wheat lines at various locations in NWFP. **Sarhad J. Agric.** 22(3): 367-372.
24. **Khalid Usman**, Ejaz Ahmad Khan, Qasim Khan and M. Umar Khan. 2007. Effect of detopping on forage and grain yield of rice. **Sarhad J. Agric.** 21 (3): 403-408.
 25. Niamatullah Khan, Himayatullah Khan, **Khalid Usman**, Hayatullah Khan and Shah Alam. 2007. Performance of selected cotton cultivars for yield and fibre related parameters. **Sarhad J. Agric.** 23(2):257-259.
 26. Niamatullah Khan, Himayatullah Khan, **Khalid Usman**, Hayatullah Khan and Shah Alam. 2007. Growth and yield related characteristics of improved commercial cotton cultivars. **Sarhad J. Agric.** 23(2):261-263.
 27. **Khalid Usman**, Shad Khan Khalil, Fida Muhammad, Muhammad Azim Khan, and Amir Zaman Khan. 2009. Weed management in wheat as affected by tillage and herbicides, **Pak. J. Weed Sci. Res.** Vol. 15(2-3):155-169.
 28. **Khalid Usman**, Liaqat Abbas, and Muhammad Azim Khan. 2009. Impact of Physical and chemical weed control on wheat yield and yield components, **Pak. J. Weed Sci. Res.** Vol.15(4):237-243.
 29. **Khalid Usman** and Muhammad Azim Khan. 2009. Economic evaluation of weed management through tillage, herbicides and hand weeding in irrigated wheat, **Pak. J. Weed Sci. Res.** Vol. 15(4): 199-208.
 30. **Khalid Usman**, Shad Khan Khalil and Muhammad Azim Khan. 2010. Impact of tillage and herbicides on weed density and some physiological traits of wheat in rice-wheat cropping system. **Sarhad Journal of Agriculture.** 26 (4): 475-487.
 31. Said Ghulam, Muhammad Jamil Khan, **Khalid Usman**, Habib urRehman. 2010. Impact of pressmud as organic amendment on physico-chemical characteristics of calcareous soil. **Sarhad Journal of Agriculture**, 2010. 26(4): 565-570.
 32. Imam Bakhsh, Himayatullah, **Khalid Usman**, Inayatullah Awan, and Mohammad Qasim. 2011. Effect of plant growth regulator application at different growth stages on the yield potential of coarse rice. **Sarhad Journal of Agriculture.** Vol. 27(4):513-518.

33. Said Ghulam, Muhammad Jamil, **Khalid Usman** and Shakibullah. 2012. Effect of different rates of pressmud on plant growth and yield of lentil in calcareous soil. **Sarhad J. Agric. Vol.28 (2):249-252.**
34. Sarfaraz Khan Marwat, Abdur Rashid, RahmatUllah Khan, **Khalid Usman**. 2012. Biodiversity of Grassy Weeds and their Ethnobotanical Importance in North Western Parts (D. I. Khan District) of Pakistan. **Pak. J. Bot.**, 44(2): 733-738, 2012. [Impact factor = 1.207].
35. Sarfaraz Khan Marwat, **Khalid Usman**, Riaz Ali Shah, Amin Shah, Ejaz Ahmad Khan. 2013. Floristic account of emergent-aquatic and marshland angiosperms of D.I. Khan District, KPK, Pakistan. **Pak. J. Bot.**45(SI): 279-288[Impact factor = 1.207]
36. **Khalid Usman**, Muhammad Qaiser Khan, Aziz urRehman. 2013. Integrated impact of tillage and herbicides on weed control and wheat yield in cotton based cropping system. **Sarhad J. Agric. Vol.29, No.4, 2013.**
37. Saleem-ud-Din, Muhammad Ayub Khan, Sadia Gull, **Khalid Usman**, FazalYazdanSaleem and ObaidUllahSayal. 2014.Line × tester analysis of yield and yield related attributes in different sunflower genotypes. **Pak. J. Bot. 46(2):659-665.** [IF=1.207].
38. **Khalid Usman**, Ayatullah, Niamat Ullah Khan, Sohrab Khan.2016. Genotype by sowing Date Interaction Effects on Cotton Yield and Quality in Irrigated conditions of Dera Ismail Khan. **Pakistan Journal of Botany.** 48(5): 1933-1944.
39. Hayat. S. **Khalid Usman**, M.T.Amin. 2017. Response of Zero Tillage Wheat to Row Spacing and Nitrogen Application Methods. *Sarhad Journal of Agriculture.* 33 (4): 680-687.
40. Muhammad Tahir Amin, **Khalid Usman**.2018. Response of Cotton to different Irrigation Regimes Under Zero Tillage System. *Sarhad Journal of Agriculture,* 35(1):102-108.
41. Muhammad Iqbal, **Khalid Usman**, Shakeel Ahmad Jatoi and Muhammad Munir.2019. Fruit Set, Yield and Quality of Dhakki Date as Affected by Fresh and Stored Pollens. *Pakistan Journal of Botany.* 51(5).

42. Muhammad Mansoor, **Khalid Usman**.2019. Economic Returns of Post Harvest Curing of Date Palm Cultivars for Production of Fresh and Dry Dates Under Glass House Conditions. Sarhad Journal of Agriculture, 35(4):1039-1044.

C. Other Papers published in National Journals:

43. Ejaz Ahmad Khan, M. Anwar Khan, Himayatullah Khan, M.N. Hussain, **Khalid Usman** and Shakeel Ahmad. 2004. Screening of wheat varieties for their potential yield. Indus Journal of Plant Sciences, 3 (4) 465-468.
44. Shahid Iqbal Khattak, **Khalid Usman**, Qasim Khan and Abdul Qayyum. 2006. Impact of various planting techniques on yield and yield components of rice. Indus Journal of Plant Sciences, 5 (1) 753-756.
45. Shakeelahmad, **Khalid Usman**, Said Ghulam, Javed Iqbal and Abdul Qayyum. 2006. Effect of sewage waste (effluent) on yield and yield components of pea (*Pisamsativum* L.) Indus Journal of plant Sciences.
46. Imran, Qasim Khan and **Khalid Usman**. 2006.Effect of sewage waste (effluent) on yield and yield components of Lentil. Indus Journal of Biological Sciences, 3 (1): 707-711.
47. **Khalid Usman**, Qasim Khan, Shakeel Ahmad and Yousaf Imran.2006. Effect of sewage waste (Sludge) on yield and yield components of pea (*Pisam sativum* L.) Indus Journal of Plant Sciences, 5 (1) 739-743.
48. Attaullah Jan, **Khalid Usman**, Shah Alam, Wakil Khan and Imran.2007. Wheat-chickpea intercropping system in different planting patterns under different nitrogen levels. Life Sciences International Journal, 1 (1): 16-20.
49. **Khalid Usman**, Wakil Khan, Shad Khan and Shah Alam. 2007.Effect of legume intercropping on wheat production. Life Sciences International Journal, 1 (1) : 37-40.

R. REFERENCES

1. Dr. Muhammad Sadiq

Assistant Professor
Department of Agronomy
Gomal University
D.I.Khan.

2.Dr. Said Ghulam

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Department of Soil Science
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D.I.Khan.