



Curriculum Vitae

A. PERSONAL INFORMATION

Name: Dr. Muhammad Sadiq

Father's Name: Muhammad Gul

Date of Birth: 6-01-1966

N.I.C. No: 11201-0335160-5

Religion: Islam

Nationality: Pakistani

Domicile: Lakki Marwat (KP)

Languages Spoken: English, Urdu, Pashto, Seraiki

Marital Status: Married

Postal/Permanent Address: House Near HBL, Moh; said Khel, Lakki Marwat

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B. 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 Agronomy	Gomal University, D.I.Khan	2008	NA	NA	Agronomy
M.Sc.(Hons) Agronomy	Gomal University, D.I.Khan	1991	825/1000	1 st	Agronomy
B.Sc.(Hons) Agronomy	Gomal University, D.I.Khan	1989	681/900	1 st	Agronomy
F. Sc	BISE, Peshawar	1982	480/1000	2 nd	Pre-Medical
SSC	BISE, Peshawar	1980	584/850	1 st	Science

Topic of M.Phil / M.Sc(Hons): Wheat based Intercropping Systems and Planting Patterns Under Agro-Climatic Conditions of Dera Ismail Khan

Topic of Ph.D: Studies on Different Cropping Systems Under Agro-Climatic Conditions of Dera Ismail Khan

C. JOB DETAILS -TEACHING AND RESEARCH EXPERIENCE

S.NO	Job Title, Period of Service and Address of Employer	Job Duties/ Responsibilities
1	Working as <u>Assistant Professor (BS-19)</u> in the Department of Agronomy at Faculty of Agriculture, Gomal University, D.I.Khan – Pakistan, since <u>04 December 2008 to date</u>	This job is mainly concerned with teaching, coaching of undergraduate, post-graduate and Ph.D. scholars along with supervision in their research trials/projects etc.
2	Worked as <u>Natural Resource Management (NRM) Coordinator</u> in District Implementation Unit (DIU), Barani Area Development Project Phase II (BADP-II), Planning & Development Department, Govt. of NWFP, Lakki Marwat from <u>January 2004 to 3rd December, 2008.</u>	The job involved Research/Admin/Coordination/Monitoring of research and other developmental activities of 6 different agriculture departments in the district/Funds release to line departments, and correspondence with various provincial as well as Federal Departments/institutes, organizations & universities etc. Writing monthly, quarterly and annual technical/financial reports and preparation of annual physical/financial work plan and its implementation.
3	Worked as <u>Deputy Cane Manager</u> in Bannu Sugar Mills (Private) Limited(Private) Limited, Serai Naurang from <u>May 1999 to December 2003.</u>	engaged in Sugar cane RESEARCH/ Development activities
4	Worked as <u>Research Associate</u> in Department of Agronomy, Gomal University, D.I.Khan in a research project entitled “Evaluation of Economics of Various Cropping Systems Under Dera Ismail Khan Conditions” funded by Pakistan Science Foundation, Islamabad from <u>May 1995 to April 1998.</u>	Conducting Research trials, collecting data, analyzing data, writing six monthly, annual and final project reports for three years

5	Worked as <u>Research Fellow</u> in Department of Soil Science, Faculty of Agriculture, Gomal University, D.I.Khan in a research project entitled “Studies on the Improvement of Physico-chemical properties of soil through Legume Crops” funded by Pakistan Science Foundation, Islamabad from <u>June 1994 to April 1995.</u>	Conducting Research trials, collecting data, analyzing data, writing six monthly, annual and final project reports
6	Worked as <u>Research Officer</u> in Department of Agronomy, NWFP Agricultural University, Peshawar in a research project entitled “Crop Management Practices for improving crop Productivity and Soil Fertility on Marginal Lands” funded by Board on Science and Technology for International Development (BOSTID)/Pakistan Agricultural Research Council (PARC) Islamabad under Grant No. Pak-CS.NW-22 from <u>June 1992 to May 1994.</u>	Conducting on farm and adaptive research trials on farmers field, collecting data, analyzing data, writing six monthly, annual and final project reports

D. ADMINISTRATIVE EXPERIENCE

S.No	Administrative Experience	Period served From-To
	<u>Natural Resource Management (NRM) Coordinator in</u> P&D Department, Govt. of NWFP.	<u>January 2004 to 3rd December, 2008.</u>
	Warden, Hostel No. 5 main Campus, Gomal University	
	Staff Proctor, Gomal University	
	Warden, Hostel No. 9 main Campus, Gomal University	
	Warden, Hostel No. 9 main Campus, Gomal University	
	Deputy Provost, Gomal University	
	Additional Provost, Gomal University	

E. POST PH.D RESEARCH EXPERIENCE

RESEARCH SUPERVISION/CO-SUPERVISION (M.Sc. (Hons)/Ph.D.)

No.	Name	Degree	Research Title	Session	Remarks
1.	Rafaqat Hussain Shah	M.Sc. (Hons) Agronomy	Effect of ridge sowing of spring maize with response to row to row and plant to plant distance.	2007-09	Completed
2.	Hasnain Farid	- do -	Effect of phosphorus application at different stages on growth and yield of fodder maize.	2009	Completed
3.	Muhammad Salim	- do -	Agronomic performance of nine genotypes of mungbean under irrigated conditions of D.I.Khan	2010	Completed
4.	Imran Wazir	- do -	Application of Bio-herbicide alternatives for chemical Weed	2011	Completed

			control in rice.		
5.	Sharif Noor	- do -	Effect of plant densities and different fertilizer doses on yield of hybrid sunflower.	2012	Completed
6.	Latif Ullah	- do -	Response of Wheat to various densities of wild oat under Agro-climatic conditions of Dera Ismail Khan	2014	Completed
7.	Zafar Waheed	- do -	Response of Wheat to various densities of <i>Rumex dentatus</i> (Jangli Palak) under Agro-climatic conditions of Dera Ismail Khan	2015	Completed
8.	Abdul Jalil	- do -	Effect of Plant Growth Regulators at various growth stages of hybrid sunflower.	2016	Completed
9.	Muhammad Arsalan Baloch	- do -	Response of Sunflower Hybrids to Different Dates of Planting during Spring	2019	Completed
10	Zulfiqar Ali	- do -	Response of Sunflower Hybrids to Different Dates of Planting during Spring	2018	Research completed. Thesis write up stage
11.	Muhammad Yasir Khan	- do -	Topic has not been selected yet	2019	Completed
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RESEARCH SUPERVISION/CO-SUPERVISION (M.Sc. (Hons) of other University)

No.	Name	Research Title	Session	Remarks
1.	Masood Ur Rahman	Competitive effects of wild oats on wheat and yield components under Agro-Ecological conditions of Dera Ismail Khan.	2015	Completed

F. PROJECTS EXECUTED/ COMPLETED

G. INTERNATIONAL CONFERENCE/ FESTIVAL/ SYMPOSIUM

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

Name & Place	Presented/ Attended/ Participated	Duration From-To
NA	NA	NA

1.FORMAL TRAINING

Name & Place	Type of Training	Duration From-To
Two Day Workshop on Drug Demand Reduction- “Treatment/Rehabilitation” under IDDRP, Govt. of NWFP, Peshawar.		Nov 19, 1996 to Nov 20, 1996
Two Weeks Training on “Use of Nuclear & Other Techniques in Food and Agricultural Research” at Nuclear Institute for Food and Agriculture (NIFA), Peshawar.		Sep 15, 1997 to Sep 26, 1997
Three Months Certificate in “Office Automation Software Tools” from Institute of Computer Education, Serai Naurang, Lakki Marwat		Dec 23, 2002 to March 23, 2003
Three Days Workshop on “Honey Bees Keeping For Domestic Honey Production” at Lakki Marwat organized by Directorate of Out-reach, NWFP Agril: Univ., Peshawar.		May 13, 2004 to May 15, 2004
One Week Training on “Village Land Use Planning” at Pakistan Forest Inst: Peshawar.		May 31, 2004 to June 5, 2004
One Week Training on “Local Governance Human Rights & Gender Mainstreaming” conducted by EIROP NWFP.		July 5, 2004 to July 10, 2004
Five Days Training on “Water Management for Rural Development” at Pakistan Academy for Rural Dev. Peshawar.		April 4, 2005 to April 8, 2005
One Month training on “Gender mainstreaming & Analysis” at Deptt: of Gender Studies, Univ. of Peshawar.		July, 2006 to August, 2006
One Month training on “Gender Awareness and Sensitization” at Deptt: of Gender Studies, Univ. of Peshawar.		July 2007 to August 2007

J. DISTINCTIONS/ AWARDS/ ACHIEVEMENTS

Title of Award/ Certificate	Year	Awarded / Nominated/ Presented by
NA	NA	NA

K. MEMBERSHIP OF ORGANIZATIONS

NA

L. INTERNATIONAL PUBLICATION OF BOOKS

NA

M. NATIONAL PUBLICATION OF BOOKS/ANNUAL REPORT/NEWSLETTERS

NA

N. ACADEMIC AND RESEARCH ACHIEVEMENTS

Mentioned above

O. SCHOLARLY, HONOURARY AND UNIVERSITY EXTENSION LECTURES

NA

P. EDITORIAL AND VETTING OF INTERNATIONAL/ HEC RECOGNIZED JOURNALS

NA

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

1. Muhammad Sadiq, Khalil Ahmad and Hayat Ullah Khan. 1994. Effect of Intercropping & Planting Patterns on Yield & Yield Components of Wheat. Sarhad J. Agric., 10 (4): 351-
2. Muhammad Anwar Dautani., Haji Khalil Ahmad and Muhammad Sadiq. 1997. Performance of Different Wheat Varieties Under Agro Climatic Conditions of Dera Ismail Khan Sarhad J. Agric. 13 (6): 527-532.
3. Muhammad Subhan, Riaz Uddin Ahmad and Muhammad Sadiq. 1999. Wheat field Weeds of Bannu & Dera Ismail Khan Divisions. Gomal Univ. J. Res. 17: 01-09.
4. Muhammad Ayyaz Khan, Zahid Usman., Khalil Ahmad., Muhammad Safdar Baloch and Muhammad Sadiq. 1999. Behaviour of Some Genotypes of Sunflower. Pak. J. Biol. Sci. 2(3): 735-736.
5. Muhammad Ayyaz Khan, Naeem Ullah Khan., Khalil Ahmad, Muhammad Safdar Baloch and Muhammad Sadiq. 1999. Yield of Maize Hybrid-3335 as affected by NP Levels. Pak. J. Boil. Sci. 2(3): 857-859.
6. Khan Bahadur, Muhammad Jamal., Muhammad Sadiq, Muhammad Suleman, Hamdullah Azim and Muhammad Safdar Baloch. 2002. Genetic Variation and Ecological Suitability of new Sugarcane Genotypes under Agro Climatic Conditions of Bannu. Pak. Sugar J. 17(3):15-17.

7. Waheed Ullah, Muhammad Azim Khan, S. A. Ullah and Muhammad Sadiq. 2008 Evaluation of Integrated Weed Management Practices for Maize. Pak. J. Weed Sci. Res. 14(1-2): 21-33.
8. Waheed Ullah, Muhammad Azim Khan, Muhammad Sadiq, Habib Ur. Rahman, A. Nawaz and M. A. Sher. 2008. Impact of Integrated Weed Management on Weeds & Yield of Maize. Pak. J. Weed Sci. Res. 14(3-4): 141-151.
9. Muhammad Niamat Ullah., Muhammad Sadiq, C. S. Hayat., Hasnain Farid and Muhammad Mumtaz. 2011. Effect of phosphorus application on plant population, number of leaves and yield of green fodder maize in D. I. Khan. J. Anim. and Pl. Sci. 21(1): 94-96. (Impact Factor 0.5)
10. Muhammad Sadiq, Habib Ur Rahman, Kalim Ullah and Muhammad Azim Khan. 2011. Impact of weed management practices on wild onion (*Asphodelus tenuifolius* Cav) and Chickpea (*Cicer arietinum* L.) Pak. J. Weed Sci. Res. 17(2): 135-141.
11. Habib Ur Rahman., Kaleem Ullah., Muhammad Sadiq., Hujjat Ullah., Muhammad Azim Khan and Abdul Mateen Khattak. 2011. Impact of time of weed removal on garlic (*Allium sativum* L.) yield. Pak. J. Weed Sci. Res. 17(2): 151-159.
12. Muhammad Niamat Ullah., Mumtaz Khan., Muhammad Qasim Khan, Muhammad Sadiq., Khair Uzzaman., C. S. Hayat and S. Rehman. 2011. Impact of NPK applications on the number of productive tillers and cost benefit analysis of wheat in hill-torrent irrigated area of D. I. Khan Division, Khyber Pakhtunkhwa. J. Anim. Pl. Sci. 21(2): 211-214 (Impact Factor 0.5)
13. Imam Bakhsh, Inayat Ullah Awan., Muhammad Sadiq, Muhammad Niamat Ullah., K. U. Zaman and M. A. Khan. 2011. Effect of plant growth regulator application at different growth stages on the economic yield potential of coarse rice (*Oryza sativa* L.). J. Anim. and Pl. Sci. 21(3): 2011, Page: 612-616. (Impact Factor 0.5)
14. Mumtaz Khan, Muhammad Qasim Khan, S. U. Rahman., Muhammad Niamat Ullah and Muhammad Sadiq. 2011. Characterization of Rod Kohi soils of D. I. Khan division. Sarhad J. Agric. 27(4):591-594.
15. 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 north western Pakistan (D. I. Khan district). J. Medicinal Pl. Res., 5(16): 3679-3686. (Impact Factor 0.590)
16. Imran Wazir, Muhammad Sadiq, Mohammad Safdar Baloch, Inayat Ullah Awan, Ejaz Ahmad Khan, Inayat Hussain Shah, Muhammad Amjad Nadim, Abdul Aziz Khakwani and Imam Bakhsh. 2011. Application of Bio Herbicide Alternatives for chemical weed control in Rice. Pak. J. Weed Sci. Res. 17(3): 245-252.
17. Kalim ur Rahman, Habib ur Rahman, Muhammad Iqbal, Kalim Ullah, Muhammad Azim Khan and Muhammad Sadiq. 2011. Impact of manual weeding interval on onion (*Allium cepa* L.) yield and yield components. Pak. J. Weed Sci. Res. 17(3): 277-283.
18. Habib ur Rahman, Kalim Ullah, Muhammad Sadiq, Hujat Ullah Khan, Muhammad Azim Khan and Abdul Mateen Khattak. 2011. Relationship between manual weeds removal timing and garlic (*Allium sativum* L.) production. Pak. J. Weed Sci. Res. 17(3): 285-292.

19. Habib ur Rahman, Kalim Ullah, Muhammad Sadiq Muhammad Zubair, Sadaf Javaria, Muhammad Anwar Khan and Abdul Mateen Khattak. 2011. relative efficacy of different weed control methods in onion (*Allium cepa* L.) crop. Pak. J. Weed Sci. Res. 17(4):343-350.
20. Abdul Qayyum, Muhammad Sadiq, Ejaz Ahmad Khan, Inayat Ullah Awan, Muhammad Ayaz Khan Habib ur Rahman and Kalim Ullah. 2011. Weed management studies in wheat-vegetable intercropping system and planting patterns. Pak. J. Weed Sci. Res. 17(4): 397-406.
21. Mumtaz Khan, Muhammad Qasim Khan, S. Rehman, Muhammad Niamat Ullah, K.U. Zaman, and Muhammad Sadiq. 2012. Effect of different NPK on the yield contributing traits and economics of wheat in Rod Kohi area of Dera Ismail Khan Division. Sarhad J Agric. 28(2):159-164.
22. Habib Ur Rahman, Abdul Mateem Khattak, Muhammad Sadiq, Kalim Ullah, Sadaf Javaria, and Imdad Ullah. 2012. Influence of different weed management practices on yield of yield of Garlic crop. Sarhad J. Agric. 28(2): 213-218.
23. HabibUr Rahman, KalimUllah, Muhammad Sadiq, Sadaf Javaria, Imdad Ullah, and Muhammad Azim Khan. 2012. Relationship between manual weed removal timing and onion yield. Pak. J. Weed Sci. Res. 18(2): 201-207.
24. Inayat Ullah Awan, Imran Wazir, Muhammad Sadiq, Mohammad Safdar Baloch 2011. Potential application of a crop extraction for weed suppression as an alternative for chemical weed control in rice. 23rd Asian-Pacific Weed Sci. Soc. Conf.. The Sebel Cairns, 26-29.
25. Attiq Ullah, Ejaz Ahmad Khan, Mohammad Safdar Baloch. Muhammad Amjad Nadim, Muhammad Sadiq and Khaliq Noor. 2013. Allelopathic effect of congress-grass on weeds and yield of wheat. Pak. J. Weed Sci. Res. 19 (3): 357-375.
26. Muhammad Imran Zakariyya, Inayat Ullah Awan, Mohammad Safdar Baloch, Abdul Aziz Khakwani and Muhammad Sadiq. 2013. Integrated weed management strategies in wheat. Pak. J. Weed Sci. Res., 19(2): 217-230.
27. Awan, I.U., Sajid Ali, Ejaz Ahmad Khan, Mohammad Safdar Baloch, Imam Bakhsh, Abdul Aziz Khakwani and M. Sadiq. 2012. Evaluation of wheat varieties under water stressed condition. Crop and Environ. 3(1-2):9-12.
28. Khaliq Noor, Ejaz Ahmad Khan, Mohammad Safdar Baloch, Muhammad Ayyaz Khan, Inayat Ullah Awan, Muhammad Sadiq and Muhammad Aslam. 2012. Allelopathic effect of congress grass on weeds and yield of wheat. 2012. Pak. J. Weed Sci. Res. 18(3):307-318.
29. Inayat Ullah Awan, Imran Wazir, Muhammad Sadiq, Mohammad Safdar Baloch, Inayat Hussain Shah, Muhammad Amjad Nadim, Ejaz Ahmad Khan, Abdul Aziz Khakwani and Imam Bakhsh. 2012. Potential application of a crop extract for weed suppression as an alternative for chemical weed control in rice. Pak. J. Weed Sci. Res. 18(0):13-20.
30. Ullah, A.; E.A. Khan; M.S. Baloch; M.A. Nadim; M. Sadiq and K. Noor. 2014. Allelopathic effects of herbaceous and woody plant species on seed germination and seedling growth of wheat. Pak. J. Weed Sci. Res., 19 (3): 357-375.

31. Noor, S., M. Sadiq, A.A. Khakwani, I.U. Awan, M. Munir, G. Ullah and I. Bakhsh. (2014). Impact of plant densities and NPK fertilization on growth and optimum economic return of sunflower. *Sarhad J. Agric.* 30(2): 157-164.
32. UllahIkram, M., A.A. Khakwani, M. Sadiq, I. U. Awan, M. Munir and Ghazanfarullah. 2015. Effects of Nitrogen Fertilization Rates on Growth, Quality and Economic Return of Fodder Maize (*Zea mays* L.) *Sarhad J. Agric.* 31(1): 45-52.
33. Rahman, M.U; A.Khan; M. Sadiq, and H.U. Rehman. 2015. Competitive effects of wild oats on wheat and yield components under Agro-Ecological conditions of Dera Ismail khan. *Pak. J. Weed Sci. Res.* 21(3):335-341.
34. Usman, Z., Khan, E. A., Hussain, I., Shah, A. A., Ullah, K., &Sadiq, M. (2016). An Investigation of the Major Wheat Weeds in Different Zones of Dera Ismail Khan, *J. Bioresources Manag.* 3(3): 8-13.
35. Marwat, S.K., Rehman, F.U., Khan, E.A., Baloch, M.S., Sadiq, M., Ullah, I., Javaria, S., and Shaheen, S. (2017). *Ricinus cmmunis*: Ethnomedicinal uses and pharmacological activities. *Pak. J. Pharmaceutical Sci.* 30 (5):1815-1827.
36. Khan, M.B., Afzal, M., Ihtesham, Y., Sadiq, M., Khan, E. A., Fiaz, M., Din, B.U., Khan, M.I., Baloch, M.S., and Ullah, N. (2017). Antimalarial potential of leaves crude extract of *Callistemon lanceolatus* D.C. *Intl. J. Biosciences.* 11(5):11-20.
37. Din, B.U., Afzal, M., Khan, M.B., Ihtesham, Y., Sadiq, M., Baloch, M.S., Khan, E. A., Khan, M.I., Akhtar, J., and Ullah, N. (2018).Antimalarial potential of leaves crude extract of *Monotheca buxifolia*. *Intl. J. Biosci.* 12(1):27-34.
38. Nadim, M.A., M.S. Baloch, M. Sadiq, Y. Ihtesham, K. Waseem and M. Kiran. 2018. Wheat yield enhancement through balanced nutritional management. *Intl. J. Biosci.*, 12 (4): 8-15. (Impact Factor 0.553)

R. REFERENCES

- 1) **Dr. Muhammad Azim Khan, Chairman, Department of Weed Science, University of Agriculture, Peshawar.**
- 2) **Prof (Rtd) Dr. Muhammad Qasim Khan, Ex-Dean, Faculty of Agriculture, Gomal University, D.I.Khan.**
- 3) **Dr. Zahid Rasul Niazi, Assistant Professor. Faculty of Pharmacy, Gomal University, D.I.Khan.**