CURRICULUM VITE A

Dr. Asad Ali Khan

Assistant Professor
Department of Agronomy
The University of Agriculture Peshawar Pakistan
Mobile 0300-5705005, E-mail: asadak74@aup.edu.pk

PERSONAL DATA

Father's Name:	Gul Nawaz Khan
Date of Birth:	April 4th, 1974
Domicile/Nationality:	Lower Dir (Khyber Pakhtunkhwa), Pakistan
National Identity Card No.:	16102-2322579-9
Marital Status:	Married
Mailing Address:	Department of Agronomy, The University of Agriculture, Peshawar, Khyber Pakhtunkhwa.

ACADEMIC QUALIFICATION

	Post Doc	Ph.D	M.S	M.Sc. Hons*	B.Sc. Hons**	F.Sc.	S.S.C.
Specialization	Plant Nutrition	Agronomy	Plant Production	Agronomy	Agronomy	Pre-Medical	Science
Institute	Cukurova University Adana, Turkey	The Univ. of Agriculture Peshawar	Georg August Univ. Germany	NWFP Agri. Univ. Peshawar	NWFP Agri. Univ. Peshawar	Edwards College, Peshawar	GHSS No.3, Peshawar
CGPA	-	3.71	1.9 (Good)	3.27 / 4.00	3.59 / 4.00	-	-
Marks	-	-	-	-	-	738/1100	621/850
Division	-	1st	1st	1st	1st	1st	1st
Session	2022 – 2023	2010-13	2005	1996-98	1992-96	1989-92	1988-89

Research worked during higher studies:

Effect of nitrogen and phosphorus in combination with FYM on growth & yield	Review Paper	B.Sc.(Hons)	NWFP Agric. Univ. Peshawar, Pakistan (1997)

components of rain-fed chick pea and wheat			
The effect of row spacing on different cow pea cultivars in Swat valley	Thesis	M.Sc.(Hons)	NWFP Agric. Univ. Peshawar, Pakistan (2000)
Effect of (Vesicular) arbuscular mycorrhizal fungi on growth of legume under saline conditions	Thesis	M.S	George-August Univ. Gottingen, Germany (2005)
Optimizing wheat yield and quality by using various N, K levels and application methods	Thesis	Ph. D.	The Univ. of Agric. Peshawar, Pakistan (2000)

EXPERIENCE

1. Worked as Administrative officer from April 01, 2006 to February 08, 2008 in IBMS/CS, The University of Agriculture, Peshawar.
2. Worked as *Lecturer (BPS-18)* March 08, 2008 to December 10, 2017 in the Department of Agronomy, The University of Agriculture, Peshawar.
3. Working as *Assistant Professor (BPS-19)* since December 11, 2017 till date in the Department of Agronomy, The University of Agriculture, Peshawar.

TRAININGS/WORKSHOPS/SEMINARS

Name and Place	**Type of Training**	**Duration**		**Certificate or Diploma obtained**
		From	**To**	
The University of Agriculture Peshawar	Climate smart Agriculture and crop modeling	18-4-2018	19-4-2018	Yes
The University of Agriculture Peshawar	Project formulation workshop	27-4-2016	28-4-2016	Yes
The University of Agriculture Peshawar	How to write a worth publishing research paper/thesis	3-4-2014	4-4-2014	Yes
The University of Agriculture Peshawar	Climate Change : A challenge for Agriculturists	28-5-2012	30-5-2012	Yes
The University of Agriculture Peshawar	International symposium on institutional linkages for Agriculture development	20-12-2010	21-12-2010	Yes

The University of Agriculture Peshawar	Dev, of Sustainable & Collaborative Research Network	29.09.2010	30.09.2010	Yes
The University of Agriculture Peshawar	Adv. Res. Tech. & Res. Management in Life Science	11.03.2009	12.03.2009	Yes
The University of Agriculture Peshawar	PC-I Development	16.07.2007	18.07.2007	Yes

PUBLICATIONS

1. Akhtar Ali and **Asad Ali Khan**. 2023. Response of maize to organic and inorganic potassium fertilization. J.Xi'an Shi. Uni.19 (2):1555 – 1584.

2. Amreen Fazal, Ahmad Khan,Anjum Anjum, Sajid Khan, **Asad Ali Khan** and Habib Akbar. 2022.Wheat production and partial nitrogen budget in response to herbicide and nitrogen application. J. plant Nut.45 (8):1253-1263.

3. Imran, Amanullah, **Asad Ali Khan**,Tariq Mehmood, Abdel Rahman Al Tawaha and Samia Khanam.2021. Adequate fertlization, application method and sowing techniques improve maize yield and related traits. Commun. Soil Sci. Plant Anay. 19 (52): 2318 – 2330.
4. Izhar Ali, Quan Zhao, Ke Wu, Saif Ullah, Anas Iqbal, He Liang, Jing Zhang, Ihsan Muhammad, Amanullah, Abdullah Khan, **Asad Ali Khan** and Ligeng Jiang. 2021. Biochar in Combination with Nitrogen Fertilizer is a Technique: To Enhance Physiological and Morphological Traits of Rice (Oryza sativa L.) by Improving Soil Physio-biochemical Properties. Journal of Plant Growth Regulation volume 41(2): 2406–2420.
5. Ahmad Khan, Asim Muhammad, **Asad Ali Khan** and Shazma Anwar.2021. Nitrogen Affects Leaf Expansion and Elongation Rates During Early Growth Stages of Wheat. Int.J.Agri.. and Bio.

6. **Asad Ali Khan**, Inamullah, Muhammad Faheem Jan and Shazma Anwar. 2021.Phenology, Growth, Yield and Nitrogen Uptake of Wheat in Response to Nitrogen, Potassium and Their Application Methods. Pak. J. Scic.Idus. Res. 64 (2): 142 - 159.
7. Izhar Ali, **Asad Ali Khan**, Fazal Munsif, Liang He, Aziz Khan, Saif Ullah, Wajid Saeed, Anas Iqbal, Muhammad Adnan and Jiang Ligeng. 2019. Optimizing rates and application time of potassium fertilizer for improving growth, grain nutrients content and yield of wheat crop. Open Agriculture. 4(1): 500-508.

8. Fahad Ullah Khan, **Asad Ali Khan**, Muhammad Faheem Jan, Waqas Liaqat, Inamullah and Shezad Malik. 2018. Effect of phosphorus and rhizobium inoculation on yield and yield components of mungbean varieties and weeds biomass. Pak. J. Weed Sci. Res., 24(4): 403-421.
9. Muhammad Faheem Jan1, **Asad Ali Khan**, Waqas Liaqat, Asim Muhammad and Fahad Ullah Khan. 2018. Response of maize hybrids and associated weeds to integrated potassium application. Pak. J. Weed Sci. Res., 24(4): 393-402.
10. Izhar Ali, **Asad Ali Khan**, Imran, Inamullah, Aman Khan, Muhammad Asim, Ihtisham Ali, Bakhshah Zib, Ismail Khan, Abdul Rab, Gul Sadiq, Naveed Ahmad and Baber Iqbal. 2019. Humic Acid and Nitrogen Levels Optimizing Productivity of Green Gram (Vigna radiate L.) Russian Agricultural Sciences volume 45 (3): 43–47.
11. Muhammad Faheem Jan, **Asad Ali Khan**, Waqas Liaqat, Haseeb Ahmad, Muhammad Dawood Ahmadzai and Wazir Rehan. 2018. Response of Phenology, Growth and Productivity of Maize Hybrids to Integrated Potassium Management. Pakistan J Agric. Res.31(4):306-312.

12. Muhammad Faheem Jan, **Asad Ali Khan**, Waqas Liaqat, Haseeb Ahmad, Muhammad Dawood Ahmadzai and Wazir Rehan. 2018. Phenology and productivity response of maize hybrids to different levels of mineral potassium under semi arid climate. Middle East.J.Agric.Res.7(2):287-291.

13. Zeenat Waris, Yousaf Iqbal, Arshad Hussain, Shafqatullah, **Asad Ali Khan**, Akhtar

Ali and Mohammad Wasiullah Khan. 2018. Proximate composition, phytochemical analysis and antioxidant capacity of *Aloe vera*, *Cannabis sativa* and *Mentha longifolia*. Pure and Applied Biology. Vol. 7, Issue 3, pp1122-1130

14. Khan, F.U., **Asad Ali Khan,** A. Iqbal, A. Ali, M.F. Jan and B. Parmar. 2017. Effect of phosphorous and rhizobium inoculation on yield and yield components of mungbean. J. Pharm. Phytochem. Pp. 252-258
15. Asim Muhammad, Muhammad Younis, **Asad Ali Khan** and Imran Ahmad. 2017. Management of sulphur and its application stages on canola phenology, maturity and biomass yield under Maize-Canola cropping system. Bio. Sci. Res.14(1): 84-94
16. Imran, **Asad Ali khan**, Inamullah and Fayaz Ahmad. 2016. Yield and yield attributes of Mungbean (*Vigna radiata* L.) cultivars as affected by phosphorous levels under different tillage systems. J Cogent Food & Agric. 2(1): 1-10
17. Iqbal, B., M.T. Jan, Z. Muhammad, **A.A. Khan**, S. Anwar, Imran and K. Shahzad. 2016. Phonological traits of maize influenced by Integrated management of compost and fertilizer nitrogen. Pure Appl. Biol. 5(1): 58-63.
18. Imran, I. Hussain, S. Naveed, S. Shah, H. Zada and **Asad Ali khan**. 2016. Growth and Yield of maize hybrids as affected by different sowing dates in swat Pakistan. Pure Appl. Biol. 5(1): 114-120.
19. Iqbal, B., B. Ahmad, Inamullah, Imran, **A.A. Khan** and S. Anwar. 2016. Effect of Phosphorus, sulfur and different irrigation levels on phonological traits of triticale. Pure Appl. Biol. 5(2): 303-310.
20. S. Anwar, Israeel, B. Iqbal, **A.A. Khan** and Imran. 2016. Nitrogen and phosphorus fertilization of improved varieties for enhancing phonological traits of wheat. Pure Appl. Biol. 5(3): 511-519
21. Amanullah, Majidullah, A. Muhammad, k. Nawab and **A.A. Khan**. 2016. Effect of tillage and phosphorus interaction on yield of mung bean with and without moisture stress condition. PONTE. 72(2): 114-139

22. Imran, **A.A. Khan,** I.U. Khan and S. Naveed. 2016. Weeds density at late sown maize productivity influenced by compost application and seed rates under temperate environment. Pak. J. weed Sci. Res. 22(1): 169-181

23. Imran, **A.A. Khan,** Inamullah and Luqman. 2015. Weeding stages and their effect on yield and yield components of rice in upper swat in Pakistan. Pak. J. weed Sci. Res. 21(4): 555-563

24. Baqa, S., A.Z. Khan, Inamullah, Imran, **A.A. Khan**, S Anwar, B. Iqbal, S. Khan and A. Usman. 2015. Influence of farm yard manure and phosphorus application on yield and yield components of Wheat. Pure Appl. Biol., 4(4): 458-464.

25. Iqbal, B.., M.T. Jan, Inamullah, Imran, **A.A. Khan**, Z. Muhammad, S Anwar, S. Khan, S. Baqa and A. Usman. 2015. Integrated management of composite type and fertilizer-N in Maize. Pure Appl. Biol., 4(4): 453-457.

26. Imran, **A.A. Khan**, Inamullah, H. Zada, F. Ahmad, S.T. Shah, A. Usman and Irfanullah. 2015. Yield and yield attributes of rapeseed cultivars as influence by sulfur level under Swat valley conditions. Pure Appl. Biol., 4(3): 296-301.

27. Imran, **A.A. Khan**, H. Zada, F. Ahmad and Irfanullah. 2015. Grain yield and yield compoenets of wheta cultivar Siran 2010 as affected by phosphorous under rainfed conditions. J. Natu. Sci. Res. 5(5): 139-143.

28. Shakeel, A., **A.A. Khan,** S. Ali, Inamullah, M. Imran and M. Habibullah. 2015. Impact of phosphorous levels on the yield and yield attributes of mungbean cultivars under Peshawar valley condition. J. Envion. Earth Sci. 5(1): 18-24

29. **Khan, A.A.,** M.N. Khan, Inamullah, S. Shah, I. Ur-Rahman, I. Muhammad, A. Zeb and Imran. 2015. Effect of potash application on growth, yield and yield components of spring Maize hybrids. Pure Appl. Biol., 4(2): 195-203.

30. Imran and **Asad Ali Khan.** 2015. Effect of transplanting dates on yield and yield components of various rice genotypes in hilly area cold climatic region of Khyber Pakhtunkhwa Pakistan. J. boil. Agric. Health care. 5(7): 1-9

31. Imran and **Asad Ali Khan.** 2015. Phenological characteristics of Brassica napus as

influenced by biochar application and shoot cutting duration. Civil and Environ. Res. 7(3): 104-107.

32. Asad Ali Khan, Inamullah, Mohammad Tariq Jan, Shahen Shah and Habib Akbar. (2015). Level and application method of nitrogen and potassium affect grain yield and quality of wheat.Basic Res.J. 4(2): 56-63.

33. **Khan, A.A.,** F. Munsif, M. Zahir, M.N Khan and M.R. Khan. 2015. Efficacy of miayalin G2 suckericide on the yield of FCV tobacco. Pure and Appl. Biol. 4(2): 181-186

34. **Khan, A.A.,** M.N Khan, inamullah, S. Shah and Imran. 2015. Effect of potash Application on growth, yield and yield components of spring maize hybrids. . Pure and Appl. Biol. 4(2): 195-203

35. **Khan, A.A.,** Inamullah, M.T. Jan, S. Shah and H. Akbar. 2015. Level and application method of nitrogen and potassium affect grain yield and quality of wheat. Basic Res. J. Agric. Sci. and review. 4(2): 56-63.

36. **Khan, A.A.,** Inamullah and M.T. Jan. 2014. Impact of various nitrogen and potassium levels and application methods on grain yield and yield attributes of wheat. Sarhad J. Agric. 30(1): 35-46.

37. Inamullah, N. Ali, **A.A. Khan**, M. Din, F.U. Khan, K. Azeem and A. Munir. 2014. Assessment of various humic acid and sulfur levels for higher yields in wheat. Sarhad. J. Agric., 30(1): 47-52.

38. Amanullah, A.Z. Khan. A. Jan, Z. Shah and **A.A. Khan**. 2013. Foliar application of nitrogen at different growth stages influences the phenology, growth and yield of maize.

39. Soil Environ. 32(2): 135-140.

40. Inamullah, A. Ahmad, M. Din, **A.A. Khan** and M. Siddiq. 2013. Evaluation of potassium application effect on grain yield, oil and protein content of Brassica (*Brassica Napus L.*). Sarhad. J. Agric., 29(3): 331-337.

41. Inamullah, B. Khan, M. Siddiq, **A.A. Khan** and K. Azeem 2013. Effect of various

seed rates and nitrogen levels on the productivity of late sown brassica. Sarhad. J. Agric., 29(4): 503-509.

42. Arif, M., **Asad Ali** and M. Umair 2012. Effect of biochar, FYM and mineral nitrogen alone and in combination on yield and yield components of maize. Sarhad. J. Agric., 28(2): 191-195.
43. Inamullah, G. Saqib, M. Ayub, **A.A. Khan**, S. Anwar and S.A. Khan. 2012. Response of common buckwheat to nitrogen and phosphorus fertilization. Sarhad. J. Agric., 28(2): 171-178.
44. Amanullah, A. Khan, **A.A. Khan**, M. Fayaz, P. Shah and K. Zada. 2008. Evaluation of barley genotype under water stress condition planted at different seedling rates. Crop Res., 36 (1, 2 & 3): 37-41.
45. Bakht, J. M. Shafi, **A.A. Khan**, S. Hussain, M. Tariq, H. Akbar, A. Jan and M. Rehman. 2007. Growth performance of oat and barley at early seedling stage under saline environment. Sarhad J. Agric., 23(3): 565-569.
46. Amanullah, **A.A. Khan**, K. Nawab, A. Khan and B. Islam 2007. Growth characters and fodder production potential of sorghum varieties under irrigated conditions. Sarhad. J. Agric., 23(2): 265-268.
47. Ahmad, N., Amanullah, T. Jamal, I. Munir **A.A. Khan** and M. khan. 2007. Residual effect of nitrogen applied to maize on yield of barley. Sarhad. J. Agric., 23(3): 549-552.
48. Amanullah, **A.A. Khan**, K. Nawab and Q. Sohail 2006. Performance of promising common bean germplasm at Kalam-Swat. Pak. J. Biol. Sci., 9(14): 2642-2646.
49. **Khan, A.A.,** Amanullah and M. Sharif. 2005. Effect of (V) arbascular mycorhizal fungi on the growth of green gram under saline condition. Pak. J. Pl. Sci., 11(2): 119-125.

BOOK WRITING:

- **Principle-author "PRACTICING AGRONOMY''** ISBN: 978 – 969 – 23866 – 0 - 9
- **Co-author** in a widely appreciated book titled **"AGRICULTURE: THE BASICS**"

ISBN: 978-969-8725-05-1 for undergraduate Agriculture students and general readers.

CO-CURRICULAR ACTIVITIES

- Deputy Director, Blood Donor Society, UAP.
- Additional Chief Proctor , UAP