Curriculum Vitae of H. Khan,

Personal profile:

Name	**:**	**Dr. Hamayoon Khan**
Father Name	:	Nowsher Khan
Date of Birth	:	April 11, 1970
National.ID. No.	:	16202-3234014-3
Marital Status	:	Married
Domicile	:	(Swabi) KPK, Pakistan
Religion	:	Islam
Nationality	:	Pakistani
Permanent Address	:	Village and Post Office Taraki, Mohallah Babi Khel District and Tehsil Swabi, KPK, Pakistan
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Academic Qualification:

Examination Passed	**Board /University**	**Year of Passing**	**Marks Obtained**	**%age**	**Division**
Ph. D	Ehime University	2009	-	-	A-grade
MS	Ehime University	2006	-	-	A-grade
M.Sc (Hons) Agronomy	NWFP Agric. University	1995	839/1000 CGPA 3.90/4	84.00	1st
B.Sc (Hons) Agronomy	NWFP Agric. University	1993	4385/5400 CGPA 3.87/4	81.20	1st
F.Sc	F.G College, H-9, Islamabad	1989	716/1100	65.09	1st
Matriculation	B.I.S.E Peshawar	1986	583/850	68.59	1st

Name	Date of Initial Appointment	Highest Qualification	Paper	Experience	Date of Eligibility for Higher Grade
Dr. Hamayoon Khan	**15 June, 1996**	**Ph.D.**	**List is attached**	**Fourteen Years & Ten months**	**15 June, 2011**

Professional Duties

President : Agri. Uni. Pesh. Teachers Association, 2011-12

Warden **:** Hostel No. 07, From 12-09-1998 to 04-09-1999

Staff Proctor **:** From 12-09-1998 to 04-09-1999

International training/meetings/conference and Workshop

- The 13th international Clay Conference-Clay sphere: Past, Present and Future- and 49th Annual meeting of the Clay Science Society of Japan August 21-27, 2005 Waseda University, Tokyo, Japan.

- Adsorption of water on nano-ball as affected by heat treatments, infrared and X-rays powder diffraction data. Clay Science Conference organized by the Japanese Society of Clay Science held in September 6-9, 2006.

- Adsorption of water on nano-ball as affected by heat treatments, infrared and X-rays powder diffraction data. Clay Science Conference organized by the Japanese Society of Clay Science held in hokaido September 11-14, 2007 .

- Interaction between water molecule and surface structure of soil particles in relation to crop cultivation. Clay Science Conference organized by the Clay Science Society of Japan held in Okinawa, September 2-5, 2008.

Publications:

Papers communicated:

1. **Hamayoon Khan**, Naoto Matsue and Teruo Henmi. (2006). Adsorption of Water on nano-ball allophane. Journal of Clay Science Japan, 12 (2): 261-266.
2. **Hamayoon Khan**, Naoto Matsue and Teruo Henmi. (2006). Adsorption of water on nano-ball allophane as affected by heat treatment. Journal of Clay Science Japan, 13 (2): 43-50.
3. Rozina K., **Hamayoon Khan**, K. Harada. 2010. Evaluation of microsatellite markers to discriminate induced mutation lines, hybrid lines and cultigens in chickpea (Cicer arietinum L). Aust. J. crop Sci, 4(5),301-308
4. Rozina. H., **Hamayoon Khan**, Shahenshah, L. Naz, I. Munir, M.Arif, I.A. Khalil, and A.Z. Khan. 2011. Performance of chickpea genotypes under two different environmental conditions. Afr. J. Biotechnol., 10(9),1534-1544
5. Amir Z. Khan, P.shah, F. Mohd**, Hamayoon Khan**, Amanullah, S.Perveen, S.Nigar, S.K. Khalil and M. Zubair. (2010). Vigor test used to rank seed lot quality and predict field emergence in wheat. *Pak. J. Bot., 42(5): 3147-3155*.
6. Amir Z. Khan, **Hamayoon Khan**, R. Khan, S. Nigar, B. Saeed, H. Gul, Amanullah, S. Wahab, A. Muhammad, M. Ayub, N. Matsue and T. Henmi. (2011). Morphology and Yield of Soybean grown on Allophanic Soil as Influenced by synthetic Zeolite Application.. Pak.J.Bot. 43(4): 2099-210.
7. Amir Z. Khan, P. Shah, **Hamayoon Khan**, S. Nigar, S. Perveen, M.K. Shah, Amanullah, S. K. Khalil, S. Munir and M. Zubair (2011)**.** Seed Quality and Vigor of Soybean Cultivars as Influenced by Canopy Temperature. *Pak. J. Bot*., 43(1): 643-648.
8. **Hamayoon Khan**, M. Arif, R. Gul and K. Naveed. 2001. The Residual effect of groundnut crop and soil amendments on the performance of gram under rain fed condition. Sarhad J. Agric. Vol. 17(4). 525-531
9. **Hamayoon Khan**, M. Arif, R. Gul, N. Ahmad and I. A. Khan. 2002. Effects of sowing dates on maize cultivars. Sarhad J. Agric. Vol. 18(1):159-163.

10. Rozina G., **Hamayoon Khan**, S. Sattar, Farhatullah, F. Munsif, Shadman' S. A. K. Bangash and S. H. Khattak. 2011. Comparison among nodulated and non-nodulated chickpea genotypes. Sarhad J. Agri., 27(2): 577-581.

11. Rozina G., **Hamayoon Khan**,, G. Mairag, S. Ali, Farhatullah and Ikramullah. 2007. Correlation Study on Morphological and Yield Parameters of Mungbean (Vigna radiate). Sarhad J. Agric. 24(1): 37-42.

12. Rozina K., Farhatullah and **Hamayoon Khan**. 2011. Dissection of variability and heritability estimates of chickpea germplasm for various morphological markers and quantitative traits. Sarhad.J.Agric. 27(1): 67-72.

13. Mohsin R., **Hamayoon Khan,** F. Karim and M. J. Tahir 2003. Nitrogen use efficiency as affected by time of application in rice (IRRI-6). Sarhad j. Agric. Vol. 19, No.4.

14. Mohsin R., **Hamayoon Khan** M.J. Tahir, M.Hussainand Shahenshah.2004. Effect of different combinations of NPK on growth and yield of seed cotton varieties CIM-443. Sarhad J.Agric. 20(1);1-4.

15. B. Ahmad, Mohammad, **Hamayoon Khan**, and S.Z. Iqbal 1999. Seed production and yield component as effected by ade,size, and spacing of steckling in turnip (brassica Rapa L.). Sarhad J. Agric. Vol. 15 (5).

16. B. Ahmad, I. Mohammad, M. shafi, H. Akbar, **Hamayoon Khan**, and A. Razaq (1999). Effect of row spacing on the yield and yield components of wheat (cultivar, Bakhtawar-92). Sarhad j. Agric. Vol. 15 (2).

17. Tariq M., R. Gul, F.Munsif, F. Jalal, Z. Hussain, N. Noreen, **Hamayoon Khan**, Nasiruddin and H. Khan. 2011. Effect of phosphorus levels on yield and yield componentsof maize. Sarhad J. Agric. 27(2): 167-170.

18. Saifullah, A.Jan, F. Munsif, M. Arif, **Hamayoon Khan,** K. Ali, M. Waqas and A. Ali. 2011. Performance of millet varieties under different irrigation levels. Sarhad J. Agric. 27(1); 1-7.

19. Muhammad A., Ihsanullah, S. Khan, F. Ghani and **Hamayoon khan** (2001). Response of maize varieties to different planting methods. Sarhad J. Agric. Vol. 17 (2); 159-163.

20. Habib A., Siraj-ud-Din, M. shafi, J. Bakht, B. Ahmad and **Hamayoon Khan** (2000). Yield and yield components of wheat and gram planted in

monoculture and in combination at different row directions and crop geometry. Sarhad J. Agric. Vol. 16 (3).

21. Fida M., H. Daniel, K. Shahzad and **Hamayoon khan** (2001). Heritability estimations for yield and its components in wheat. Sarhad J. Agric. Vol 17 (2).
22. Fazal H. T., A.Z. Khan, J. M. Khan, S. K. Khalil and **Hamayoon Khan** (2002). Field performance of maiz planted at different seeding depth and seed size. Pak. J. seed tech. Vol.1. No.2.
23. **Hamayoon Khan**, N. Matsue and T. Henmi (2007). Adsorption of Water on Nano-Ball Allophane as Affected by Dry Grinding. Int. J. Soil Sci., 2 (4): 247-257.
24. Amir Z. K., **Hamayoon Khan**, R. Khan, A. Ghoneim and A. Ebid. 2007. Seed Development Profile of Soybean as Influenced by Planting Dates and Cultivars under Temperate Environment. Am. J. Plt. Phys. 2(4):251-260.
25. Amir Z. K., **Hamayoon Khan** and R. Khan. (2007). Influence of Canopy Temperature on Physio-Chemical Quality of soybean. Research Journal of Botany, 2 (4) 202-207.
26. Amir Z. K., **Hamayoon Khan**,, A. Ghoneim, R. Khan and A. Ebid. 2007. Seed Quality and Vigor of Soybean as Influenced by Planting Dates, Density and Cultivar under Temperate Environment. Int. J. of Agric. Res. 2 (4): 368-376.
27. Amir Zaman Kha, **Hamayoon Khan**, R. Khan and A. Ghoneim and A. Ebid. 2007. Comparison of Different Wheat Seed Categories (VS) Farmer' seed: Yield and Yield Components. Trends in Appl. Sci. Res. 2(6):529-534,
28. **Hamayoon Khan**,, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Zeolite Application Affects Vegetative Phenology of determinate and indeterminate soybean grown on Allophanic soil. Int. J. Agric. Res. 3(2): 148-154.
29. Hamayoon Khan., A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Water adsorption and surface acidity of nano-ball Allophane as affected by heat treatment. J. Env. Sci. & tech. 2 (1): 22-30.

30. **Hamayoon Khan**,, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Soybean Leaf Area, Plant height and Reproductive Development as influenced by Zeolite Application and Allophanic Soil. J. plt Sci. 3(4): 277-286.
31. **Hamayoon Khan**, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2009. Influence of Zeolite Application on Germination and Seed Quality of Soybean grown on Allophanic soil. Res. J. Seed Sci. 2(1):1-8
32. Rozina Gul, Sajid Ali, **Hamayoon Khan**, Nazia, Farhan Ali and Imran Ali. 2007. Variability among Mungbean (vigna radiate) Genotypes for yield and Yield Components Grown in Peshawar Valley. J. Agric. Bio. Sci. 1 (4):6-9.

STUDENT RESEARCH

I supervised four M.Sc. (Hons) and eight B.Sc. (Hons) students in research and writing thesis and review papers. I am the chairman of supervisory committee for two of the Ph.D. students, Mr. Fayaz Ahmad Pin Code: 085-013981-Av5-90 and Mr. Obedullah Khan PIN NO: 085-40246-Av5-056. .

TEACHING EXPERIENCE

Thought various courses to graduate and undergraduate students' e.g Plant science, Crop production, Cereal crop, Sugar crop, Forage crop

DISSERTATION

1. **Hamayoon Khan** (1995). Efficiency of land utilization under wheat and canola intercropping. M.Sc. (Hons) thesis submitted to the department of Agronomy, NWFP Agriculture University, Peshawar.
2. **Hamayoon khan** (2006). Adsorption of water on Nano-Ball Allophone and its mechanism by molecular orbital calculation. M.S. Thesis submitted to Ehime university Japan
3. **Hamayoon Khan** (2009). Adsorption behavior of water on allophane and its interaction with the agronomic traits of soybean cultivation. Ph.D Japan.