

C. V. OF DR. IJAZ AHMAD

PERSONAL INFORMATION

Father's Name	Abdul Wahab
Date of Birth	Dec15 th , 1977
Place of Birth	Swabi, KPK, Pakistan
Sex	Male
Marital Status	Married
CNIC No	16202-3518354-7
Correspondence Address	Department of PBG Faculty of Crop Production Sciences The University of Agriculture, Peshawar Phone: +92-91-937560350 Cell #:+92-333-943-1331 E-mail: ijazahmad@aup.edu.pk

LANGUAGES

English	(Speaking, reading and writing)
Urdu	(Speaking, reading and writing)
Pashto	(Mother tongue) (Speaking, reading and writing)

EDUCATION

Ph.D. (2006-2012)

Department of Plant Breeding and Genetics, The University of Agriculture, Peshawar. Research conducted on the Inheritance of Phytic acid and other agronomic traits in bread wheat. *Advisor: Dr. Fida Mohammad, Phone #: +91-921-6290*

M.Sc. (Hons)(2001-2004)

Department of Plant Breeding and Genetics, The University of Agriculture, Peshawar. Evaluation of single cross hybrids in sunflower. *Advisor: Dr. Fida Mohammad*

B.Sc. (Hons) (1997-2001)

Department of Plant Breeding and Genetics, The University of Agriculture, Peshawar. Worked on the performance of different wheat genotypes under the environmental conditions of Peshawar valley. *Advisor: Dr. Fida Mohammad, Phone: +91-921-6290*

H.S.S.C. (1994-1996)

Higher Secondary School Certificate from Board of Intermediate and Secondary Education, Peshawar, Pakistan. (Major as Pre-Medical, 1st division)

S.S.C. (1994)

Secondary School Certificate from Board of Intermediate and Secondary Education, Peshawar, Pakistan. (Major as Science group, 1st division)

PROFESSIONAL EXPERIENCE (20 Years)

Assistant Professor (TTS 19):

Department of PBG, Faculty of Crop Production Sciences,
The University of Agriculture, Peshawar(08/12/2016Contd),

Lecturer(BPS18):

Department of PBG, Faculty of Crop Production Sciences,
The University of Agriculture, Peshawar (14/03/2013-07/12/2016)

Lecturer(BPS17):

Higher Education Department, Govt Superior Science College
Peshawar (31/05/2007-/13-03-2013)

Lecturer(BPS17):

Agricultural University Public School and College, The
University of Agriculture, Peshawar (2004-2007)

CONFERENCE(S) AND WORKSHOP(S) ATTENDED

- Attended FIVE day training “Nutrition in Emergencies” organized by Department of Human Nutrition and Dietetics, The University of Agriculture, Peshawar **20th- 25th, Jan. 2025**.
- Attended one day seminar on application of nuclear techniques in industry organized by Nuclear Institute of Food And Agriculture (NIFA) Peshawar on **25, June. 2024**.
- Attended 02 days National Seminar on Promoting Agriculture Development and Food Security through Intellectual property, Genetic resources and associated traditional knowledge organized by The University of Agriculture, Peshawar on **29-30, August. 2024**.
- Attended 02 days International conference on “Advances in Seed Storage Techniques” organized by The University of Agriculture, Peshawar on **25-26, April. 2024**.
- Attended 02 days training workshop on Breakthrough in Pakistan Economic Development through technological innovation in Agriculture- A policy approach held on **29-31 July, 2024** organized by Bacha Khan University Charsada-Pakistan at Bara-Galli Abbottabad.
- Attended 02 days training on “Mushroom Farming, its value addition and Marketing, A Business opportunity for Agriculture Graduates” organized by The University of Agriculture, Peshawar on **21-22, November. 2024**.
- Participated in 15 days National Wheat Travelling seminar for NUWYT trials organized by NARC-Pakistan (March 11-25, 2022).
- Attended 02 days training workshop on Indigenous Crop Improvement Program organized by The University of Agriculture, Peshawar (March 21-22, 2022).
- Attended 02 days workshop on Dry Chain Technology for Reducing Post-Harvest Losses organized by The University of Agriculture, Peshawar (December 23-24, 2021).
- Attended 02 days workshop on data analysis and reference citation organized by the University of Agriculture, Peshawar (September 29-30, 2021).
- Worked as organizer in the arrangement of workshop on data analysis at the University of Agriculture, Peshawar (September 29-30, 2021)
- Attended 03 days 16th National conference of Weed Science of Pakistan on Vegetation Management and Agro-Biodiversity: Trends and Implications organized by The University of Agriculture, Peshawar (July 08-10, 2021).
- Attended 02 Days Conference On Sustainable Farming Through Intervention of Agricultural Mechanization and Renewable Energy Technologies As Oral Presenter At, The University of Agriculture, Peshawar (June 30 and July 01, 2021).
- Attended 04 Days International Conference on Nexus of Climate Change, Hydro-Geography and Agriculture as Oral Presenter at Baragali Summer Campus, University of Peshawar (June 21-24, 2021).
- Participated in 10 days National Wheat Travelling seminar for NUWYT trials organized by NARC-Pakistan (March 10-20, 2021).
- Participated in 02 days 8th International/ 15th National Weed Science Conference Addul Wali Khan University, Garden Campus Mardan (March 02-03, 2020)
- Attended 03 days 18th International Congress Of Soli Science, Organized By Sindh Agricultural University Tandojam (February 11-13, 2020)
- Attended Three days Wheat travelling seminar, organized by The Government of Khyber Pakhtunkhwa, Pakistan for KP Wheat Yield Trials (April, 15-17, 2019).
- Attended Two days national conference on Climate Smart Agriculture and Crop Modeling as a oral presenter, organized by The University of Agriculture Peshawar, Khyber

4th international and 13th national conference of Botany in Shaheed Benazir Bhutto University, Shringal (Upper Dir), Khyber Pakhtunkhwa, Pakistan (August 26-30, 2014).

- Innovative Technologies and Sustainable Development in Agriculture. The University of Agriculture Peshawar, Khyber Pakhtunkhwa, Pakistan (August 19-22, 2014).
- National Weed Science Conference in The University of Agriculture Peshawar, Khyber Pakhtunkhwa, Pakistan (December 11-16, 2006).
- Nuclear and other Techniques in Food and Agricultural Research (NIFA), November 12-23, 2007.
- Weed Science Conference in The University of Agriculture Peshawar, Khyber Pakhtunkhwa, Pakistan.
- 2nd National Conference on Ecology in Karachi (May 3-7th, 2010).
- International Symposium on Institutional Linkages for Agriculture Development in Pakistan December 20-21, 2010.

- Food Security Through Technological Interventions Abbott Abad (June, 2010)
- International conference on Climate change in The University of Agriculture Peshawar, Khyber Pakhtunkhwa, Pakistan (May 28-30, 2012).
- Internship with Lakson Tobacco Company(July, 2000)
- Internship with Lakson Tobacco Company (July, 2001)
- Internship on Tissue culture of potato (July 1999)
- Training on data analysis techniques for crop, animal and social sciences (February 2014) The University of Agriculture Peshawar, Khyber Pakhtunkhwa, Pakistan.
- Training on worth publishing research papers In The University of Agriculture Peshawar, Khyber Pakhtunkhwa , Pakistan.(April 2014)
- Four days 7th international and 16th national conference on “**Plant Resources**” 23-26 March, 2018, organized by Islamia College University and University of Peshawar, Peshawar Khyber Pakhtunkhwa, Pakistan.
- Attended Two days 14th National Weed Science conference on Vegetation Management Sustainability organized by Islamia College University and The University of Agriculture, Peshawar Khyber Pakhtunkhwa, Pakistan.24-25,03.2018.
- Attended Two days international conference Climate Change impacts on Agriculture and Food Supply, organized by University of Swabi 24-26/04/2018.
- Participated in two days National Conference on Climate Smart Agriculture and Crop Modeling, organized by The University of Agriculture, Peshawar Khyber Pakhtunkhwa, Pakistan.18-19/04/2018.
- Participated in Mardan Science Festival (2018) organized by District GovtMardan10/05/2018.
- Attended one day workshop on Data Presentation and Interpretation for Effective Publication. Abdul Wali Khan University Mardan. 20.03.2018.
- Participated in 03 Days 17th International Congress of Soil Science in Serena Faisalabad, Punjab-Pakistan
- Participate in 03 days International conference on Biofortification of Staple Food Crops organized byThe University of Agriculture, Peshawar, Khyber Pakhtunkhwa-Pakistan.24-26/09/2018.
- Attended two days training for Presiding officer organized by ECP in 2018.

REFERENCES

Dr. Fida Mohammad Professor, Faculty of Production Sciences, The University of Agriculture Peshawar, Khyber Pakhtunkhwa-Pakistan.

Dr. Iftikhar Hussain Khalil Professor, Dean, Faculty of Production Sciences, The University of Agriculture Peshawar, Khyber Pakhtunkhwa-Pakistan.

PROFESSIONAL COURSES TAUGHT

PBG-401, 3(2-2), Introductory Plant Breeding, B. Sc (Hons) 3rd Semester
WS-401, 3(2-2), Introduction to Weed Science, B. Sc (Hons) 3rd Semester
PBG-301, 3(2-2), Introductory Genetics B. Sc (Hons) 2nd Semester
WS-301, 3(2-2), Introductory Botany, B. Sc (Hons) 1st Semester
Breeding Horticultural Crops B. Sc (Hons) 7th Semester
Gene Expression, M.Sc (Hons),
Breeding Vegetable Crops M.Sc (Hons),
Principles of Plant Breeding M.Sc (Hons)

Ph.D. APPROVED SUPERVISOR

Yes

ID	Supervisor Name	Designation	University/ Organization	Subject	Email	CNIC
55393	Ijaz Ahmad	Lecturer	The University of Agriculture, Peshawar	Agriculture	ijazahmad715@ymail.com	1620235

MEMBERSHIP IN SCIENTIFIC SOCIETIES

1. Life time member of Weed Science Society of Pakistan
2. Soil Science Society of Pakistan

LIST OF PUBLICATIONS

A. Papers with Impact Factor

1. Khan, Z., S. Khan, M.I. Almansour, M. Asada, M.J. Ansari, H. Khan, I. Ahmad. 2024. Mycorrhizosphere bacteria alleviated arsenic toxicity by regulating organic acids, glyoxalase defense system, and metal transporters in soybean plants. South African J. Bot. 177 (2025) 171186

2. Ahmad, W., Z. Zou, M. Awais, F. Munsif, A. Khan, J. Nepal, M. Ahmad, S. Akber. **I. Ahmad**, M.S. Khan, Z. Qamar and H. Khan. 2023. Seed-Primed and Foliar Oxozinc Nano-fiber Application Increased Wheat Production and Zn Biofortification in Calcareous-Alkaline Soil. *Agronomy*. Doi.org/ 10.3390/agronomy13020400.
3. Ali, A., T. Shah, G. Haider, M.I. Awan, M.Gohar, F.Munsif and I. Ahmad. 2023. Strigolactone-Mediated Oxidative Stress Alleviation in *Brassica rapa* Through Upregulating Antioxidant System Under Water Deficit Conditions. *J. Plant Growth Regulation*, 42:4675–4687 doi.org/10.1007/s00344-023-10925-0
4. Ahmad, W, J. Nepal, Z. Zou, F. Munsif, A. Khan, I. Ahmad, S. Zaheer, M.S. Khan, S.A. Jadoon and D. Tang. 2023. Biochar particle size coupled with biofertilizer enhances soil carbon nitrogen microbial pools and CO₂ sequestration in lentil. *Front. Environ. Sci.* 11:1114728. doi: 10.3389/fenvs.2023.1114728.
1. Khan. B, M. Arif, F. Munsif, M.M. Anjum, E.W. Gront, A. Khan, **I. Ahmad**, Y. Ren, C. Zhao, X. Liao, and S. Zhang. 2022. Optimizing sowing window for local and Chinese elite lines under changing climate. *Agronomy*. Doi.org/10.3390/agronomy12092232.(IF=3.949)
2. Yang. S., L. Wang, K. Akhtar, **I. Ahmad** and A. Khan. 2022. Optimizing nitrogen fertilization and variety for millet grain yield and biomass accumulation in dry regions. Doi.org/10.3390/agronomy12092116.(IF=3.949)
3. Ali. Ali., W. Ahmad, F. Munsif, A. Khan, J. Nepal, Elzbieta W,ójcik-Gront, **I. Ahmad**, M.S. Khan, I. Ullah, S. Akbar, S. Zaheer and G. Jin. 2022. Residual Effect of Finely-Ground Biochar Inoculated with Bio-Fertilization Impact on Productivity in a Lentil–Maize Cropping System. Doi.org/10.3390/agronomy12092036.(IF=3.949)
4. Asim, M., W. Ahmad, Z. Qamar, M. Awais, J. Nepal, **I. Ahmad**. 2022. Seed Coating with Zinc Oxide Nanofber (ZnONF) and Urea Improved Zinc Uptake; Recovery Efficiency, Growth, and Yield of Bread Wheat (*Triticumaestivum* L.) Doi.org/10.1007/s42729-022-00978-7. (IF=2.00).
5. Ahmad. W, A. Baz, M. Zeeshan, **I.Ahmad**, M. Adnan and S.Fahad. 2022. Relative efficiency of biochar particles of different sizes for immobilizing heavy metals and improving soil properties. *Crop and Pasture Science*. Doi: 10.10.1071/CP20453(IF=2.29).
6. Haq, I., Y. Ling, A. Khan, F.Munsif, Z. Tao, S. Deng, A. Khan, **I. Ahmad**, M.Shahid, S. Zaheer, M.Q. Kakar, Q. Huang and Z. Zou. 2021. Nitrogen management and cutting height can wheat grain loss by improving plant growth under dual purpose system. *MitteilungenKlosterneuburg.*, 71(6): 5979 (IF=0.106).
7. Gaoa, H., N. Lia, J. Lia, A. Khan, **I. Ahmad**, Y. Wanga, F. Wang and H. Luo. 2020. Improving boll capsule wall, subtending leaves anatomy and photosynthetic capacity

- can increase seed cotton yield under limited drip irrigation systems. *Industrial Crops and Products*. 161(2020)113214 (IF=4.2).
8. Munsif, F., S. A. Shah, A. Khan, Z. Afridi, M. Arif, K. Ali, **I. Ahmad**, I. Ullah, F. Weiland D. Tang. 2019. Nitrogen coupled with crop residues improved maize productivity and soil fertility under deep tillage. *Mitteilungen Klosterneuburg.*, 69(9): 13-29 (IF=0.106).
 9. **Ahmad. I.**, M. Fida, S.A. Jadoon, A. Zeb, F. Munsif and W. Ahmad. 2020. Diallel analysis for the inheritance study of phytic acid along with morpho-yield traits in bread wheat. *African. J. Biotech.* 19(5): 259-264 (IF=0.57)
 10. Mohammad, F, O.S. Abdalla, S. Rajaram, Ala'a Yaljarouka, N.U. Khan, A.Z. Khan, S.K. Khalil, I. H. Khalil, **I. Ahmad** and S.A. Jadoon. 2011. Additive main effect and multiplicative analysis of synthetic-derived bread wheat under varying moisture regimes. *Pak. J. Bot.*, 43(2):1205-1210 (IF= 0.91).
 11. Mohammad, F., O.S. Abdalla, S. Rajaram, Ala' A, Yaljarouka, S.K. Khalil, N.U. Khan, I.H. Khalil and **I. Ahmad**. 2010. Yield of synthetic-derived bread wheat under varying moisture regimes. *Pak. J. Bot.*, 42(6): 4103-4112. (IF=0.91).
 12. Mohammad, F., **I. Ahmad**, N.U. Khan, K. Maqbool, A. Naz, S. Shaheen and A. Ali. 2011. Comparative study of morphological traits in Wheat and Triticale. *Pak. J. Bot.*, 43(1): 165-170. (IF=0.91)
 13. Saeed, B, H. Gul, S. Wahab, Y. Durrani, B. Haleema, M. Ayub, A. Ali, A. Said, and I. Ahmad. 2011. Effect of phosphorus and potassium on seed production of Berseem. *African. J. Biotech.* 10(63):13769-13772. (IF= 0.56).
 14. Saeed, B, Y. Durrani, H. Gul, A. Said, S. Wahab, M. Ayub, A. Ali, B. Haleema and I. Ahmad. 2011. Forage yield of Berseem (*Trifolium alexandrinum*) as affected by phosphorus and potassium fertilization. *African. J. Biotech.* 10(13):13815-13817 (IF= 0.56).

B. Papers In HEC Recognized Journals

1. Akbar, A, **I. Ahmad**, A. Jehan, I. Ali and M. Haris. 2025. Genetic variability among advanced wheat lines for yield and yield related traits. *Sarhad. J. Agric.* 41(1): 154-164..
2. Jan., A, I. Ahmad, Y. Khan and S.A. Jadoon. 2023. Performance of various sweet corn genotypes under the Agro-climatic conditions of Nowshera. *GU. J. Phytosci.* 03(01): 09-13.
3. **Ahmad. I.**, F. Munsif, W. Ahmad, and S. Akber. 2019. Diversity of Weed Flora of Swabi khwar, Pakistan. *Pak. J. Weed Sci. Res.* 25(3): 220-209.

4. Fazal. M, M. Zahid, M. Arif, K. Ali and **I. Ahmad**. 2018. Influence of Planting Dates on yield and quality of sugarcane. *Sarhad. J. Agric.* 34(3): 650-655.
5. **Ahmad, I.**, F. Munsif, W. Ahmad and S. Akber. 2017. Weed flora of Amir Muhammad Khan Campus Mardan, Pakistan. *Pak. J. Weed Sci. Res.*, 23(3): 323-336.
6. Munsif, F., Faryal, M.Z. Afridi, **I. Ahmad**, W. Ahmad, W. Malik and M. Rabnawaz. 2017. Impact of Crop Row orientation on Weed density, biomass and yield of Wheat. *Pak. J. Weed Sci. Res.* 23 (3): 343-350.
7. Ahmad. W, M. Shah, F. Khan, W. Malik, S. Hussain, F. Munsif and **I. Ahmad**. 2016. Comparative effectiveness of Parthenium weed compost on growth and yield of Chili crop. *Pak. J. Weed Sci. Res.*, 22(2): 239-252.
8. Munsif, F., K. Ali, S. Khalid, A. Ali, M. Ali, M. Ahmad, W. Ahmad, **I. Ahmad** and A. I Basir. Influence of Row Spacing On Weed Density, Biomass and Yield of Chip Bud Settling of Sugarcane. *Pak. J. Weed Sci. Res.* 21 (1): 137-144.
9. Ahmad. W, S. Hussain, W. Malik, **I. Ahmad**, M. Ahmad Jadoon, F. Munsif, I. Khan and R. U. Shah. 2015. Parthenium weed compost: an environment friendly way of its control and to harness its allelopathic effect. *Pak. J. Weed Sci. Res.*, 21(4): 505-516.
10. **Ahmad, I.**, F. Mohammad, A. Zeb, I. R. Noorka, Farhatullah, S.A. Jadoon. 2013. Determination and inheritance of phytic acid as marker in diverse genetic group of bread wheat. *American. J. Molec. Bio.* 3 (1): 158-164.
11. **Ahmad, I.**, F. Mohammad and A. Zeb. 2013. Breeding bread wheat for low Phytic acid using full diallel crosses for the study of Phytic acid contents and other important agronomic traits in bread wheat. *Sarhad. J. Agric.* 29(1):33-42.
12. Azam, S. M., F. Mohammad, **I. Ahmad**, I. H. Khalil, S. A. Jadoon, A. Nasim. 2013. Divergence in F₃ Segregating Bread Wheat Populations. *Intern. J. Basic. Appl. Sci.* 13 (3):94-99.
13. Gul, H, B. Saeed, A. Said, F. Mohammad and **I. Ahmad**. 2011. Influence of late planting dates and planting methods on seed production of clovers. *J. Agric. Bio. Sci. (JABS) Asian. Res. Pub Network (ARPN)*. 6(5): 1-5.
14. Said. A., H. Gul, B. Saeed, **I. Ahmad** and F. Mohammad. 2011. Response of wheat to different planting dates and seeding rates for yield and yield components. *J. Agric. Bio. Sci. (ARPN)*. 6(2): 23-25.
15. Ahmad. I., F. Mohammad, N. Khan and A. Zeb. 2010. Breeding of wheat for low Phytate. *Int. J. Biotech.*, 7 (4): 397-401.
16. Ali. K, A. Jan, **I. Ahmad** and F. Mohammad. 2010. Response of Chickpea and its weeds to tillage systems using varying seed rates and phosphorus levels. *Pak. J. Weed Sci. Res.* 16(3): 97-108.

17. Said. A., **I. Ahmad** and H. Tajir. 2007. Performance of different wheat genotypes under environmental conditions of Peshawar valley. *Sarhad.J. Agric.* 23(3): 546-548.
18. Gul, H, B. Saeed, A. Said, F. Mohammad and **I. Ahmad**. 2011. Effect of foliar application of nitrogen, potassium and zinc on wheat growth. *J. Agric.Bio. Sci.* (3): 201-203.
19. Ali. K, S. Shah, A. Basir, S. Khan and **I. Ahmad**. 2007. Performance of different wheat genotypes under environmental conditions of Peshawar valley. *Sarhad. J. Agric.* 18(4):545-548.