



Aizaz Akbar

Agriculture Engineer

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Nationality: Pakistani

ID Card Number: 16204-0373246-7

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Date of Birth: 10 March, 1999

Gender: Male

Marital Status: Single

OBJECTIVES

To join an agriculture organization, company or industry and research projects to unlock profitable secrets and to benefit the human being in effective and efficient way. To gain a market increase in the turnover of the organization by enhancing the agricultural output using my energy, enthusiasm, experience, and knowledge that I have been acquired during my academic years in the field of agricultural research. To extend my sincere efforts towards the organization's interest in adding value to the farmers directly.

EDUCATION

Secondary School (Science)

Year: 2015 (B.I.S.E) Mardan

Grade: A

Higher Secondary School

(Pre-engineering)

Year: 2017 (B.I.S.E) Mardan

Grade: A

HIGHER EDUCATION

BSc (Hons) Agriculture

Year: 2017-2021

3.78/4.00, A

The University of Agriculture Peshawar

MSc (Hons) Agriculture

Year: 2021-2023

3.83/4.00, A

The University of Agriculture Peshawar

EXPERIENCE

Lab Supervisor

October, 2018 to October, 2020

(The University of Agriculture Peshawar)

Landscaper

January, 2021 to October, 2021

(The University of Agriculture Peshawar)

Assistant Research Officer

July, 2021 to December, 2021

(Ayan Ahmad Trading Corporation (Private) Limited)

Landscaper Engineer

November, 2024 to (Currently working)

(Basatin Landscaping LLC)

Experience of scientific research

- Laboratory and Field work experience
- Research design and Data collection
- Data Analysis (MS Office, Statistic 8.1 and R software)
- Scientific writing (Writing research papers, reports, and grants)
- Presentation experience and Collaboration experience
- Interdisciplinary experience

Research Fields

Bachelor of science (Hons):

Estimation of Genetic Variability and Heritability Among Chickpea (*Cicer arietinum* L.) Genotypes.

Master of science (Hons):

Genetic Variability Among Advanced Wheat Lines for Yield and Yield Related Traits.

Short Courses

- Training Course **General Pest Control 201 Advance-GCP201** Organized by: ECOPEST.
- Successfully completed the course of **Microsoft Office** Organized by: The Prosper Academy.
- For successfully completing a free online course **Spoken English**. Organized by: Great Learning Academy.
- For successfully completing a free online course **Statistics for Data Science**. Organized by: Great Learning Academy.
- 37th training course on **The Use of Nuclear and other Techniques in Food and Agriculture Research**. Organized by: Nuclear Institute for Food and Agriculture (NIFA) Tarnab, Peshawar.
- **Landscape Architecture and Site Planning – Introduction to Landscape Design**. Organized by: Alison
- **Sport Turf Management: Best Practices**. Organized by: University of Illinois Urbana-Champaign.
- **Basics of Hydroponic Horticulture**. Organized by: Alison.
- **Introduction to Plant Cells and Tissue Culture**. Organized by: Alison.
- **Agriculture Science – Soil Science and Plant Nutrition**. Organized by: Alison.

PROJECT

Project Title: **Genetic and molecular appraisal of selected chickpea (*Cicer aretinum* L) genotype against pod borer (*Helicoverpa armigera* L)**. [October, 2018 to October, 2020].

Issued By: Prof. Dr. Rozina Gul. Department of Plant Breeding and Genetics, The University of Agriculture Peshawar-Pakistan.

My contribution: Data collection, DNA extraction, PCR, and gel electrophoresis.

PERSONAL SKILLS

- Experimental Designs (RCBD and CRD)
- Statistical analysis (Statistix 8.1, R Software, MS Office)
- Landscape Architect (Realtime Architect 2018)
- Molecular laboratory techniques (DNA Extraction, PCR, Gel Electrophoresis, Genomic)
- Plant Breeding Practices
- Agronomic Practices
- Plant Tissue Culture
- Horticulture activities (Landscape management)
- Greenhouse Management
- Seed Production
- Pest Control Management
- Irrigation System
- Having the ability to write projects, thesis and proposals
- Strong Communication skills
- Basic computer knowledge
- Internet Surfing, Email, Chat and Installing Computer Software's & Window

PUBLICATIONS

- Hamid U. K., **A. Akbar**, A. Jehan, S. Ahmad, S. A. Jadoon, M. Anas, Z. Khan, H. Jamil, W. U. Shah, S. Khan, H. Ullah, M. Ikram, M. Ilyas, M. Khan and Saima. 2023. Genetic Improvement in Yield Related Traits of Wheat Under Irrigated and Rain-Fed Conditions. J. of Xi'an Shiyou University. 19(05): 894-919.
<https://www.xisdxjsu.asia/viewarticle.php?aid=2283>
- Hamid U. K., M. Anas, **A. Akbar**, M.A. Ali, M.S.A. Gul, M. Haris, M.A. Khan, M. Atif, S. Fahad, M. Taimur, N. Gul, Z. Aftab, H. Khan and S. Khan. 2023. Comparative Analysis of Yield Component Traits and Genetic Parameters of Bread Wheat Across Different Environments in Peshawar Valley. J. of Xi'an Shiyou University. 19(07): 988-1014.

<https://www.xisdjxsu.asia/viewarticle.php?aid=2492>

- Mian S.A.G., **A. Akbar**, A. Nasim, M.H. Khan, M. Ibrahim, F. Khan, M. Ahmad, M.K.A. Gul, M. Asad and M.A. A. Gul. 2023. Heritability and Correlation Among Physiological and Yield Traits in chickpea (*Cicer arietinum* L.). *AGRIVITA J. of Agricul. Sci.* 45(3): 407–418.
<https://agrivita.ub.ac.id/index.php/agrivita/article/view/4155>
- Ijaz R., W. Saeed, M. Ibrahim, M.A. Ali, U. Qayyum, **A. Akbar**, B. Ali, B. Khan, W.U. Shah, S.Z. Khan, H. Gul and M. Ilyas. 2024. Heritability Estimates for Production Traits in Bread Wheat (*Triticum aestivum* L.). *J. Liaoning Tec. University.* 18(3): 87-117.
https://www.lgidxcn.asia/public_article.php?article=251
- Tamna A., S. Ali, S. Fahad, P.A. Ali, Afsan, S. Gul, **A. Akbar** and M. Naeem. 2024. Isolation and antibiotic susceptibility of pathogens causing urinary tract infections during covid-19 pandemic in mardan division. *Inkwell Innovations In Life Sciences.* 1(2): 51-57.
<https://journals.inkwellliterature.com/index.php/inkwell-innovations-in-life-science/article/view/26>
- **Aizaz A.,*** I. Ahmad, A. Jehan, I. Ali and M. Haris. (Publishing stage). Genetic Variability among Advanced Wheat Lines for Yield and Yield Related Traits. *Sarhad Journal of Agriculture science.*
- **Aizaz A.,** R. Gul, Z.U Reham, S. Ullah, R.U Haq and C.M.A. Assogba. (Under review). Estimation of genetic variability and heritability among chickpea (*Cicer aritinum* L.) genotypes. *Agrosystems, Geosciences & Environment.*

SEMINORS, TRAINING & CONFERENCES

- **Conference:** **GLF Nairobi 2023 Hybrid Conference** [11 and 12 October 2023]. Organized by: Global landscape Forum.
- **Seminar:** Meskay Femetee Trading Company and Kubota- Pakistan, One-day seminar On **Mechanical Rice Transplanting and Practical Demonstration of Kubota Transplanter**. [27/07/2022 – 27/07/2022]. Organized by: Department of Agronomy, Faculty of Crop Production Sciences, The University of Agriculture Peshawar.
- **Seminar:** Indigenous Crop Improvement Program: **Three-day seminar on A way forward for ensuring food security and poverty alleviation**. [21/03/2022 – 22/03/2022]. Organized by: Department of Plant Breeding and Genetics, Faculty of Crop Production Sciences, The University of Agriculture Peshawar-Pakistan.
- **Certificate:** **Genetic and molecular appraisal of selected chickpea (*Cicer aretinum* L) genotype against pod borer (*Helicoverpa armigera* L).** [15/11/2022]. Issued By: Professor Dr. Rozina Gul Department of Plant Breeding and Genetics, The University of Agriculture Peshawar-Pakistan.
- **Certificate:** **Ayan Ahmad Trading Corporation (Private) Limited** [05/01/2022]. Issued By: CEO of Ayan Ahmad Trading Corporation (Private) Limited.
- **Certificate:** **English Proficiency Certificate** [2024]. Issued By: Registrar of The University of Agriculture Peshawar-Pakistan.

LANGUAGES

English (Professional and fluent), **Urdu** (National), **Hindi** (Conversable), **Pashto** (Native)

REFERENCES

Asst. Prof. Dr. Ijaz Ahmad

Department of Plant Breeding and Genetics,
The University of Agriculture Peshawar, Pakistan
(Amir Muhammad Khan Campus Mardan)

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