

ASHFAQ ULLAH

Agriculturist | Plant Breeding Expert | Crop Improvement Specialist

Contact Information

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Location: Darband Tehsil Kandar, District Tor Ghar

Date of Birth: 03/04/1995

Professional Summary

A dedicated and results-driven Agriculturist with expertise in plant breeding techniques, molecular genetics, and crop improvement. Skilled in hybridization, genetic evaluation, and disease resistance strategies for various crops including wheat, maize, and rice. Seeking a challenging position in a dynamic organization where innovation, creativity, and continuous learning are valued, with a strong focus on agricultural research and development.

Certifications

- NEBOSH International General Certificate (IGC)
 - IOSH Managing Safely
 - OSHA 30-Hour Construction Safety Certification
 - Fire Fighter Certification
 - First Aider Certification
 - Construction Management Certification
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Core Competencies

- **Plant Breeding & Hybridization:** Expertise in hybridization, selection methods, and evaluation of genetic traits in crops.
- **Molecular Genetics:** Proficient in PCR, gel electrophoresis, DNA/RNA extraction, and marker-assisted selection (MAS).
- **Crop Improvement:** Focused on breeding for disease resistance, drought tolerance, yield enhancement, and quality improvement.
- **Agronomic Data Collection & Analysis:** Skilled in gathering and analyzing key agronomic data (plant height, flowering time, yield, disease resistance).
- **Agricultural Research & Development:** Strong experience in planning and executing field trials, particularly for wheat, maize, and rice.

- **Agricultural Safety & Risk Management:** Knowledge of safety regulations, with certifications in OSHA and fire safety.
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Education

Bachelor of Science (Hons) in Agriculture

Hazara University Mansehra, 2016 - 2020

Diploma in Information Technology

KPK Board of Technical Education, 2015 - 2016

Professional Experience

Agricultural Research Assistant

Location: [Insert Organization/Institution]

Dates: [2020]

- Assisted in wheat breeding and management projects, focusing on improving disease resistance, drought tolerance, and yield potential.
 - Participated in planning and executing wheat field trials, including hybridization and genetic evaluation.
 - Collected and analyzed agronomic data (plant height, flowering time, yield, disease resistance) to assess crop performance.
 - Assisted in the hybridization process for wheat, maize, and rice, contributing to the improvement of desired traits in these crops.
 - Applied molecular techniques, including PCR, DNA/RNA extraction, and gel electrophoresis, to study genetic traits and improve crop varieties.
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Achievements

- Awarded the *Ehsaas Scholarship* under the Undergraduate Program for academic excellence.
 - Recognized with a *Certificate of Modern Techniques to Improve Crop Yields in Changing Climate*.
 - Awarded *Certificate of Pakistan Scientific & Technical Information Center (PASTIC)* for contribution to agricultural research.
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Technical Skills

- **Breeding Software:** Familiar with agricultural and genetic analysis software.
 - **Laboratory Techniques:** PCR, Gel Electrophoresis, DNA/RNA Extraction, Marker-Assisted Selection.
 - **Agronomic Data Management:** Proficient in data collection, analysis, and interpretation for field trials.
 - **Safety Management:** Trained in OSHA safety protocols and emergency response techniques.
 - **Communication & Reporting:** Strong skills in documenting research findings and presenting them to stakeholders.
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Languages

- **English:** Fluent
- **Urdu:** Fluent
- **Pashto:** Native Speaker