



Hamdan Ali Khan

Passport: QR4123722 **Phone number:** (+92) 3018556031

Phone number: (+86) 13754347862 **Email address:** hamdan@aup.edu.pk

WeChat: Hamdan13754347862

LinkedIn: <https://www.linkedin.com/in/hamdan-ali-khan-phd-0a34588a/?trk=public-profile-join-page>

Other: Shengzhou, Talent Apartment, Unit - 1, Building - 5, Room # 601 Zhejiang Province, 312000 Shengzhou (China)

ABOUT ME

Agricultural professional with over 10 years of experience providing technical advisory services in crop protection and seed product research and development. Extensive expertise in diagnosing agronomic issues, developing evidence-based crop management solutions, and advising growers and stakeholders on sustainable agricultural practices. Strong background in field trials, data analysis, and interpretation to support informed decision-making. Effective communicator with proven ability to build trusted relationships with farmers, research teams, and industry partners. Highly independent yet collaborative, with a strong commitment to professional standards and agricultural innovation.

WORK EXPERIENCE

Zhejiang Erfentian Food Co., Ltd – Shengzhou, Shaoxing, China

Address: No. 68, Shanggao Village, Ganlin Town Zhejiang Province, 312462 Shengzhou, Shaoxing (China) | **Website:** www.zhejiangerfentianfood.com | **Email address:** info@zhejiangerfentianfood.com | **Name of unit or department:** Research and Development - **Business or sector:** Agriculture, forestry and fishing

Senior Agronomist

[10/10/2024 – Current]

Responsibilities At Zhejiang Erfentian Food Co., Ltd

- Provides specialist agronomic consultancy and advisory services to contract farmers and internal production teams to improve crop productivity, quality, and profitability.
- Develops and implements crop production plans covering land preparation, seed selection, planting schedules, nutrient management, irrigation, and harvest optimization.
- Advises on integrated pest, disease, and weed management (IPM) to ensure crop health and compliance with food safety standards.
- Conducts field inspections, crop monitoring, and performance evaluations to assess crop growth, soil conditions, and environmental factors.
- Analyzes agronomic data to provide science-based recommendations for yield improvement and risk mitigation.
- Supports contract farming programs, ensuring adherence to company agronomic protocols, quality specifications, and sustainability requirements.
- Coordinates with procurement, processing, and quality teams to ensure a consistent supply of high-quality agricultural raw materials.
- Assists in implementing sustainable and climate-smart agricultural practices, including efficient water and nutrient use.
- Prepares technical reports, farm performance summaries, and advisory documentation for management and stakeholders.
- Delivers training sessions, on-farm demonstrations, and technical guidance to farmers and field staff to promote best practices.
- Ensures farming operations comply with local agricultural regulations, food safety standards, and environmental guidelines.

Bayer Pakistan Pvt Ltd – Okara, Pakistan

Market Development Agronomist

[31/08/2020 – 31/10/2024]

Responsibilities At Bayer AG:

- Serving as an agriculture consultant and key point of contact for corn crop in Bayer Pakistan.
- Designing corn crop product concepts with the breeding, marketing, and sales teams according to customer needs.
- Looking after corn hybrid registration for commercialization with govt institutions, (NARC, PARC and FSC&RD).
- Coordinating with the Corn regional team (East Asia Pakistan) for corn seed import to be tested in Pakistan and publishing protocols based on the information I share in the system for trials execution.
- Training the internal corn team on protocols published in the system for trials execution, trials distribution across planting windows, and types of data collection.
- Testing, evaluating, and collecting data on the corn commercial pipeline (temperate and subtropical germplasm) in Pakistan's environment for heat stress tolerance, leaf/stalk disease resistance, better standability (green snapping and lodging), and higher grain yield.
- Advancing and positioning, setting agronomic recommendations for corn hybrids based on data collected from trials for different seasons, segments, and geographies.
- Testing, evaluating, and collecting data on crop protection (chemicals: herbicide, fungicide, insecticide, and pesticide) commercial pipeline in Central Punjab on wheat, rice, maize, and potato crops (a major multiple cropping area of Punjab, Pakistan).
- Actively participating and playing an effective role in sales planning meetings, dealer conferences, farmer meetings, field days, sales team training, and showcasing products to different stakeholders for confidence building and sales boosting.

 **Bayer Pakistan Pvt Ltd** – Mardan KPK, Pakistan

Research Agronomist (Breeding)

[05/2016 – 08/2020]

Core Responsibilities:

- Managing breeding and PS4 stage trials across KPK during the autumn season and working at the research station in Lahore during the spring season.
- Overseeing National Uniformity Yield Trials (NUYT) and PEQ trials.
- Conducting field mapping using GPS and designing field layouts.
- Handling on-field trial management, including agronomy setup, data acquisition, compilation, and interpretation.
- Technically evaluating promising white and yellow corn hybrids in designated trials.
- Organizing farmer meetings and field days with the sales team.

 **Kanzo Ag** – Charsadda KPK, Pakistan

Area Leader (Sales Manager)

[12/2014 – 05/2016]

Core Responsibilities:

- Leading business operations and strategic initiatives.
- Overseeing research and development activities.

EDUCATION AND TRAINING

PhD in Agronomy

The University of Agriculture Peshawar [2024]

City: Peshawar | Country: Pakistan | Final grade: 3.71/4.00

Master of Science in Agronomy

The University of Agriculture Peshawar [2015]

City: Peshawar | Country: Pakistan | Final grade: 3.70/4.00

Bachelor of Science (Honors) in Agronomy

The University of Agriculture Peshawar [2013]

City: Peshawar | Country: Pakistan | Final grade: 3.66/4.00

SKILLS

Stakeholder Management / Product Development / Microsoft Office / Agribusiness / Project Management / Content Writing For Product Stewardship Videos / Script Writing For Product Stewardship Videos

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s): Punjabi | Pashto

English (PTE Test)

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

Zero Tillage Planter Introduced the zero tillage planter in Pakistan, enhancing soil conservation and crop yield efficiency for farmers.

Multi Nozzle Sprayer Lance Designed a multi nozzle sprayer lance to optimize the application of ADENGO Xtra, supporting its business growth.

Boom Sprayer Designed a boom sprayer to enhance the application efficiency of ADENGO Xtra, supporting its business growth.

PUBLICATIONS

[2023]

Agronomics of Wheat (Triticum Aestivum L.) Under Phosphorus Doses, Organic Amendments, and Tillage Practices Across the Years

Hamdan. A. K. and *A. Khan¹

[2022]

Impact of Phosphorus, Organic Sources, and Tillage Management on Wheat Yield and Yield Components

Hamdan A. K. and Amanullah

[2018]

Yield Response of Wheat to Sorghum Extract and Herbicide (Affinity) Application at Different Growth Stages

Tabassum, A., S.K.Khalil, Z.Rahman, Misbahullah, M.Alamzeb, T.Shah, S.Khan, Tauheed, and H.A.Khan

[2015]

Phosphorus and Zinc Fertilization on Maize Yield and Yield Components

Hamdan. A. K. and A. Khan

KEY ACHIEVEMENTS AND CONTRIBUTIONS

Agricultural Product Leadership

Spearheaded the advancement and development of multiple CP and Seed products, including:

- DK-7024 (Corn Spring hybrid), DK-6321 (Corn Spring hybrid), DK-8022 (Corn Autumn hybrid)
- ADENGO Xtra (Corn herbicide)
- Infinito (Potato and Tomato crop Late blight product)
- Ambition Complete (Bio stimulant)
- Serenade (First ever Bacterial potato seed treatment)

Awards and Recognition

- Market Development Commercial Excellence program winner in SEAP 2023
- Sustainability champion in APAC 2023
- Top performance award 2022 in Market Development team Pakistan
- Bay Star Award for 100% trial submission and timely, transparent data entry in 2021.

Key Strengths

- Commercially aware
- Collaborative approach
- Loyalty and trustworthiness
- Problem solver

Core Skills

- Innovation and ability to learn
- Interpersonal effectiveness skills
- Leadership and management skills
- Time management
- Team working skills

CERTIFICATES

[07/01/2023]

Controlled Data Training

[01/12/2021]

Business Acumen Development

[01/12/2020]

Fairness and Respect at Work