

# Muhammad Faisal Khan (PhD Horticulture)

**Mobile: 0092-300-6869182**

**Email: [faisalhorti@gmail.com](mailto:faisalhorti@gmail.com)**

## **Education:**

**PhD Horticulture  
(2014-2020)**

PMAS Arid Agriculture  
University, Rawalpindi.

**Master of Science (Hons),  
Horticulture (2010-2012)**

University of Agriculture  
Faisalabad.

**Bachelor of Science  
(Hons), Horticulture  
(2006-2010)**

University of Agriculture  
Faisalabad.

## **WORK HISTORY (Consultant Horticulturist: Dr. Garden Care, Islamabad - NTN: 8280900-0)**

### **1. Pakthai Nursery Management, Islamabad (January-2020 to up to date)**

- Supervision for maintenance of plants with proper technique.
- Identification of plant diseases and methods for mitigation.
- Scientific assistance to customers for requested plants and flowers.
- Proper remedy of problem to plants as desired by clients.
- Implementation of efficient strategies for time saving and improved profit margin.

### **2- Landscape Projects Consultancy:**

- 1- McDonald's Murree new plantation (under discussion)
- 2- Mushtaq Butt Farm House Maintenance (under discussion)
- 3- McDonald's F9 park Branch, Islamabad. April-May, 2021 (Contract Project).
- 4- Asia Builders & Developers, Islamabad (January 2020-up to date).
- 5- McDonald's F9 park Branch, Islamabad. June 2020 to Aug 2020 (Contract Project).
- 6- Mian Jaleel Farm House Development, Faisalabad. Feb-April-2020 (Contract Project).
- 7- Amjad Manzoor Farm House Development (on going).
- 8- Chaklala Westridge (The Pakistan Army Air Defence Command) (2020-2021).

### **Izhar Farm Talagang (Izhar Group of Companies)**

#### **Horticultural Assistant (February-2019 to January-2020)**

- Olive & Grapes plants nursery management.
- Nursery propagation under imported high-tech controlled shed.
- Plants care by proper and timely application of fertilizer through drip irrigation.
- Proper cultural practices to orchard, Olive trees, Grapes, Nectarine, Citrus and Date palm.
- Record check and instrument data maintain.
- Layout plan of new orchard area.
- Nursery plants identified disease care and management.
- Monthly planning for upcoming new assignment.
- Drove operational improvements which resulted in savings and improved profit margins.

## **Perfect Property Management Ras al Khaima, UAE**

### **Landscape Supervisor (January-2014 to July-2014)**

- Performed multiple landscaping tasks, including planting, watering and edging.
- Identified plant diseases and researched methods for mitigation.
- Monitored weekly and daily scheduled tasks to achieve workflow efficiency.
- Monitored proper use of required personal protective equipment on crew to promote safe work environment.
- Planned and supervised landscape activities while staying within budgeted hours and maintaining safe work environment out in field for gardener.
- Inspected in-progress and completed projects, checking for customer needs, worker safety and best-in-class final results.
- Enhanced visibility and improved shapes of trees and bushes with proper pruning.
- Installed underground sprinkler systems to provide grass and greenery with adequate water supply.
- Followed planned landscaping designs to determine locations for grasses, flowers and foliage.

## **Horti Group Landscape Company Lahore**

### **Horticulture Intern (October -2012 to February-2013)**

- Assisted with plants supply to different sites of ongoing projects.
- Indoor plants supply to clients in Banks, Companies offices and Commercial sites.
- Nursery management.
- Communicated with coworkers and management to report challenges.
- Developed and implemented performance improvement strategies and plans to promote continuous improvement.
- Completed all paperwork, recognizing any discrepancies and addressing them in a timely fashion.
- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.

## **Floriculture Research Station Multan**

### **Horticulture Intern (February-2010 to August-2010)**

- learned new skills to grow plants and applied them to daily tasks, improving efficiency and productivity.
- Completed all paperwork, recognizing any discrepancies and addressing them in a timely fashion.
- Report writing, objective achievement and plans to promote continuous improvement.

### **Other activities:**

#### **Short course:**

- **Tunnel Farming** one week professional course. 2011.

#### **Trainings:**

- Two Weeks **Hydroponic Agriculture** Training from PMAS Arid Agriculture University Rawalpindi, 11-22 Sep, 2017.
- Training Programme on **Olive Cultivation & Commercialization**, Barani Agricultural Research Institute, Chakwal 29-30 Nov, 2018.
- Training on **Olive Value Chain & Research Methodologies**, Barani Agricultural Research Institute, Chakwal, 25-26 April, 2019.

**Ph.D. Horticulture:** Thesis title: Assessment of Genetic Variability and Development of Hybrids in *Rosa* Species.

**MSc (Hons) Horticulture:** Thesis title: Study of Vase Life of Cut Flower Rose Cultivar ‘Angelique’

**Achievements:**

- Three year worked as **Research Associate** in Department of Horticulture, PMAS-AAUR, SEP-2015 to NOV-2018.
- **Developed new hybrid** variants in *rosa* species with distinguished characters.
- Different **seed germination techniques** to mitigate the dormancy or other physiological disorder in hybrid seeds and published findings in **well reputed journals**. Characterized and assessed their novelty through **morphological and genetically** by use of molecular markers.
- New variants are under further characterization and selection to **registered as new local variety**.

**Scientific Publication (Published):**

- **Khan, M.F.**, Hafiz, I.A., Abbasi, N.A. & Shah, M.K.N. (2019). Performance comparison of *Rosa hybrida* varieties under Pothwar climate. *International Journal of Biosciences*, 14(1), 101-111. **(Impact factor: 0.0)**
- **Khan, M. F.**, Hafiz, I. A., Abbasi, N. A., & Shah, M. K. N. (2020). Mitigation of seed dormancy and microsatellite analysis of hybrid population of Garden roses (*Rosa hybrida*). *Scientia Horticulturae*, 262, 109044. **(Impact factor: 2.769)**
- Iqbal, M.A., Hafiz, I.A., Abbasi, N.A., Tariq, M.A., Anser, M.R. Mahmood-ul-Hassan, Izhar, M., Bhatti, N., Aftab, M., Ali, A.A. and **Khan, M.F.** (2020). Assessment of olive genotypes towards phenology, pollen viability and germination in Pakistan. *International Journal of Biosciences*, 16(1):20-31. **(Impact factor: 0.0)**
- Nawaz, R., Abbasi, N.A., Hafiz, I.A., **Khan, M.F.** & Khalid, K. (2021). Environmental variables influence the developmental stages of the citrus leaf miner, infestation level and mined leaves physiological response of Kinnow mandarin. *Scientific Reports*, 11: 7720. **(Impact factor: 3.998)**
- **Khan, M.F.**, Hafiz, I.A., Abbasi, N.A., Khan, M.A., Habib, U., & Shah, M.K.N. (2021). Determination of pollen fertility and hybridization success among *Rosa* species (*Rosa hybrida*). *Pakistan Journal of Botany*, 53(5): 1-10. **(Impact factor: 0.80)**

**Highlights:**

- Results-oriented
- Business development
- Operability and commitment
- Ability to motivate staff and maintain good relations
- Resistance to stress
- Good manners

**Personal information:**

**Name:** Muhammad Faisal Khan  
**Father’s Name:** Abdul Rahim  
**Nationality:** Pakistani  
**Marital Status:** Married  
**D.O.B:** 15-January-1989  
**Blood group:** AB+  
**Driving license:** LTV-18688  
**Passport No:** TV4128523