



**Dr. Masood Ahmad**  
**S/O**  
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Village and P.O Pabbi, Mohalla Sufaid Abad , Distt and Tehsil Nowshera, Khyber Pakhtunkhwa, Pakistan.

**AREA OF INTEREST:**

Ornamental Horticulture, Medicinal & aromatic plants, Plant physiology

**EDUCATION**

**Ph.D in Horticulture (2012-2015)**

**Dissertation Title:** Influence of pre and post-harvest calcium treatments on morphological, phenological and biochemical attributes of gladiolus.

**M.Sc (Hons) Agriculture (2001-2003)**

Specialized in Horticulture Science with CGPA 3.90/4.00 (%age 89.1)

**Thesis Title:** Effect of different sowing seasons and row spacing on the seed production of Fennel (*Foenicullum vulgare*)

**B.Sc (Hons)/M.Sc Agriculture(1998---2001)**

Specialized in **Horticulture Science** with CGPA 3.70/4.00 (%age 84.09)

**Research Project:** “Performance of different Potato varieties under the agro climatic condition of Peshawar”.

**Review Paper:** “Propagation of *Bougainvillea* through cuttings”.

**F.Sc (1994-1996)**

From Federal Board Islamabad, Pakistan

**SSC (1992- 1994)**

From Board of intermediate and Secondary education Peshawar, Pakistan

**DESTINATION:** Remained merit scholarship holder during six(6) years of studies at Agric. University Peshawar from B.Sc (H) to M.Sc (H)/ M.Phil.

### PROFESSIONAL EXPERIENCE:

- Serving as Assistant Professor in University of Agriculture, Peshawar, Pakistan, since June, 2014
- Served as Lecturer in Department of Horticulture University of Agriculture Peshawar, Amir Muhammad Khan Campus, Mardan since 12th May 2011 June, 2014
- Worked as Horticulturist (Head of Garden Branch) Cantonment Board Lahore from March 2010 to May 2011
- Served as Manager Horticulture in Defence Housing Authority, Islamabad from 12th December 2007 to 13th March 2010
- Served as Horticulturist at Comsats Institute of Information Technology Islamabad from 1st January 2005 to 15th August, 2005)
- Served as Horticulturist in Bahria town, Rawalpindi/Islamabad (January 2004 to December 2004)
- Remained as internee at Agriculture Research Institute Tarnab, Peshawar (6 months)
- Practically involved in various farm Management activities such as pruning, training, Nursery raising, plant propagation, vegetable raising and crop production etc at Horticulture Research Farm , Agricultural University, Peshawar
- Participated in training on Cultivation systems, cultivation techniques and nursery management of Olive at Agriculture Research Institute Tarnab
- Participated in two days workshop on Implementation of “Green Man Project” organized by National Training Bureau, Ministry of Labour & Manpower Islamabad on 18-19 November, 2009 at Islamabad

### Courses Taught

- Introductory Horticulture
- Principles of Ornamental crop production
- Commercial Flower production
- Introductory landscape gardening
- Post-harvest Physiology
- Organic Horticulture

### Students Supervision

M.Sc (H): Supervised 13, under supervision= 06

B.Sc (H): Supervised 30, under supervision = 06

### Trainings/ Workshops

- Participated in two days workshop on Implementation of “Green Man Project” organized by National Training Bureau, Ministry of Labour & Manpower Islamabad on 18-19 November, 2009 at Islamabad.
- Participated in First National Conference on Greening Roads Infra structure organized by The Environ Monitor and National Foundation for Environmental Education and Research at Lahore on 22-23 December 2009.
- Organized Spring Flower Show 2010 and 2011 respectively in Cantonment Board Lahore.
- Participating in the Cascading AIT Based Training Program “Ensuring Training Effectiveness” at University of Agric. Peshawar, sponsored by Higher Education Commission of Pakistan on July 04-06, 2012
- Attended a four day training course on “ Natural Resource Management through Community Participation” held by Pakistan Academy for rural development, Peshawar on September 17-20, 2012.
- Attended short training course on “Dry afforestation techniques” arranged by Pakistan Forest Institute, Peshawar from 27-31 March 2017.
- Attended training on “ Tree seed production” at Pakistan Forest Institute, Peshawar on November 6-10, 2017.
- Participated in three days international conference on “ Biofortification of staple food crops” at The University of Agriculture, Peshawar, on September 24-26, 2018.
- Organized two days national workshop on “Developing research skills and data management, at Abdul Wali Khan University, Mardan on 4<sup>th</sup> and 5<sup>th</sup> April, 2019.

### ADDITIONAL RESPONSIBILITIES/DUTIES

- ✓ Additional Director Advance studies and research
- ✓ Deputy Director, Skill enhancement Society
- ✓ Member University Auction Committee
- ✓ Staff Proctor
- ✓ Managing Editor, International journal of Agriculture and Environmental Research.
- ✓ Focal Person from Horticulture department for the project on Technology Development Center at The University of Agriculture, Peshawar..

### PROJECT

#### **Co-Principal Investigator:**

USAID funded Project under Agriculture Innovative program (AIP) for Pakistan, managed by Pakistan Agriculture Research Council (PARC) and International Maiz and Wheat improvement Centre (CIMMIYT)

**Project Title:** Developing aquaponics system to produce safe, organic food in a sustainable and environment friendly way

### MEMBERSHIP

- ✓ Member Royal Horticultural Society UK
- ✓ Member Record Management Society UK
- ✓ Member Pakistan Society of Horticulture
- ✓ Member PANAHA (Pakistan National Association of hearts) Rawalpindi, Pakistan
- ✓ Member Pakistan Society of Scientific Research

Member Thinker forum of Pakistan

### PUBLICATIONS

**Ahmad. M.** and A. Rab. 2019. Calcium effects on post-harvest attributes and vase life of gladiolus using different methods of application. Pak. J. Bot. (Accepted for publication in Vol. 51 (6)).

**Ahmad. M.** and A. Rab. 2019. The influence of calcium sources and its application methods on the post-harvest phenological and physical quality attributes of gladiolus spikes. Accepted for publication in Biscience Research Vol.16 (2).

**Ahmad.M.,** M.R. Khattak, S.A. Jadoon, A. Rab, A. Basit, I.Ullah, M. A. Khalid, I. Ullah and Muhammad Shair. 2019. Influence of Zinc Sulphate on Quality Production of Flax (*Linum usitatissimum* L.): A Medicinal Flowering Plant. Accepted publication in International Journal of Biosciences.

- Ahmad.M.**, S. Ayaz, S.A. Jadoon, M. Alam, A. Rab, I.H. Khalil, G. Ayub and H.Ali. 2019. Application of maleic hydrazide controlled plant height and ameliorate flower production in local dahlia. Accepted for publication in Bioscience Research.
- Ahmad. M.**, T. Khan, R. Ali, Shafiullah, Bushra and I.U. Haq. 2018. Response of marigold (*Tagetes erecta*) to different levels of nitrogen. Int. J. of Agric. & Envir. Res. 3(3):139-142.
- Ullah. N., H. Ullah , K. Afridi, M.Alam, S. A. Jadoon, W. U. Khan, **M.Ahmad**, H. Uddin. 2018.Genetic variability, heritability and correlation analysis among morphological and yield traits in wheat advanced lines. Biol. Div. & Conserv. 11 (1): 166-177.
- Ahmad. M.**, P. faiz, S.I.U. Haq, A. Nawaz, P. Iqbal and Z. Ullah.2018.Foliar application of salicylic acid enhanced the production of tuberose (*Polianthes tuberosa* L). Int. J. of Int. J. of Agric. & Envir. Res. 4(4): 191 – 197.
- Yaseen.T., K. Ali, F. Munsif, A. Rab, **M. Ahmad**, M. Israr, and A. K. Baraich.2016. Influence of arbuscular mycorrhizal fungi, rhizobium inoculation and rock phosphate on growth and quality of lentil. Pak. J. Bot., 48(5): 2101-2107.
- Khattak, A.M., M. Sajid, H.Z. Sarwar, A. Rab, **M. Ahmad** and M.A. Khan.2016. Effect of sowing time and plant density on the growth and production of roselle (*Hibiscus sabdariffa*). Int. J. Agric. Biol., 18: 1219–1224.
- Rab. A. , J. Rahman, M. Sajid, N. Ahmad, **M. Ahmad**, K. Nawab and K. Ali. 2016.Influence of harvesting dates on fruit quality and storage performance of sweet orange (blood red) fruit. The J. of Animal & Plant Sci. 26(6): 1659-1665.
- Rab. A., F. Ahmad, **M. Ahmad** and S. T. Shah. 2016. Maturity stages and packaging perforations affect the quality of plum in cold storage. The J. of Animal & Plant Sci. 26(6): 1750-1757.
- Munsif, F., K. Ali, S. Khalid, A. Ali, M. Ali, **M. Ahmad**, W. Ahmad, I. Ahmad and A. Basir. 2015. Influence of row spacing on weed density, biomass and yield of chip bud settling of sugarcane. Pakistan Journal of Weed Science Research. 21(1): 137-144.
- Yaseen, T., W. Ullah, **M. Ahmad**, K. Ali, Naveedullah, Abdullah and M. Amin. 2015. Effect of tillage and weed control methods on weeds density and tomato (*Lycopersicon esculentum*) productivity." Pak. J. Weed Sci. Res21, no. 2: 153-161.
- Afridi, M.Z., M.T. Jan, F. Munsif, A. Khan, G. Nabi, **M. Ahmad**, M. Wasiullah, A. Khan and R. Ullah. 2014. Nitrogen Partitioning and Translocation in Wheat under Fertilizer-N Levels, Application Time and Decapitation stress. J. of Biology, Agriculture and Healthcare. 4 (13).

Zubair, M., G. Ayub, A. Rab, N. Amin, **M. Ahmad** and N. Ara. 2013. Preflowering growth of Gladiolus in response to staggered planting. *Pak. J. Bot.* 45(4): 1329-1338.

Zubair, M., G. Ayub, N. Amin, A. Rab, **M. Ahmad** and N. Ara. 2013. Yield and Quality of Cut Flowers and Corm production of Gladiolus vary by Cultivar at three levels of Nitrogen Fertility. *Pak. J. Bot.*, 45(3): 967-976.

Sajid, M., A. Rab, N. Ali, M. Arif, L. Ferguson and **M. Ahmad**. 2010. Effect of foliar application of Zn and B on fruit production and physiological disorders in Sweet Oranges. *Sarhad J. Agric.* 26 (3): 355-360.

Ullah, T., F. Wazir, **M. Ahmad**, F. Analoui and M. Khan. 2005. A breakthrough in Guava propagation from Cuttings. *Asian J. Plant Sci.* 14 (3): 238-243.

**Ahmad, M.**, A. Hussain, M. Zubair and A. Rab. 2004. Effect of different sowing seasons and row spacing on the seed production of Fennel (*Foeniculum vulgare*). *Pak. J. of Bio. Sci.* 7(7): 1144-1147.

#### **REFERENCES:**

##### **Prof. Dr. Abdur Rab**

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