**CURRICULUM VITAE**



**NAME: Dr. Muhammad Rafi Qamar Hashmi**

**FATHER’S NAME:** Qamar-ud-Din Hashmi

**PRESENT POSITION:** Assistant Professor (BPS-19) of Agronomy (CONTRACT), Department of Agronomy, University College of Agriculture, University of Sargodha, Punjab, Pakistan.

**DATE OF BIRTH:** 19.10.1983

**PLACE OF BIRTH:** Jajjah Abbasian, Punjab, Pakistan.

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**RELIGION:** Islam

**MARITAL STATUS:** Single

**DOMICILE:** Rahim-Yar-Khan, Punjab.

**PRESENT ADDRESS:** Department of Agronomy, University College of Agriculture, University of Sargodha, Punjab, Pakistan.

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**ACADEMIC RECORD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Qualification | Year | CGPA/Marks | Percentage | Division | Board/University |
| Ph.D. Agronomy | 2013 | 3.92/4.00 | 80.00 % | 1st | University of Agriculture,  Faisalabad. |
| M.Sc. (Hons.) Agriculture  (Agronomy) | 2008 | 3.92/4.00 | 80.00 % | 1st | University of Agriculture,  Faisalabad. |
| B.Sc. (Hons.) Agriculture  (Agronomy) | 2006 | 3.79/4.00 | 78.44 % | 1st | University of Agriculture,  Faisalabad. |
| F.Sc.  (Pre-Medical) | 2001 | 770/1100 | 70.00% | 1st | BISE, Bahawalpur |
| Matriculation  (Science) | 1999 | 672/850 | 79.00 % | 1st | BISE, Bahawalpur |

**POSTQUALIFICATION EXPERIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Position | Department | Institute | From | To |
| Assistant professor (BPS-19) | Agronomy | University College of Agriculture, University of Sargodha, Punjab, Pakistan. | 29.07.2013 | Up to date |

**THESIS TITLE OF Ph.D. AGRONOMY:**

“Tillage, nitrogen and residue management strategies in wheat (*Triticum aestivum* L.) grown under rice based system.”

**REFERENCES:**

1. **Dr. Riaz Ahmad**

Professor, Department of Agronomy, Faculty of Agriculture, University of Agriculture, Faisalabad, Pakistan.

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1. **Dr. Muhammad Iqbal**

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**SUPERVISIOR:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Class | Registration No. | Title of Research | Status |
| Muhammad Zain Shahzad | M.Sc. (Hons.) Agriculture | 11-US-AGR-39 | Efficacy of Phospho-bacteria to solubilize plant available phosphate from phosphate rock in maize (*Zea mays* L.) under calcareous soil. | Continue |
| Imtiaz Anjum | M.Sc. (Hons.) Agriculture | PAGF16E086 | Growth and yield response of wheat to water stress and foliar application of silicon under Sami-arid-region | Continue |

**CO-SUPERVISIOR:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Class | Registration No. | Title of Research | Status |
| Farwa Hassan | M.Sc. (Hons.) Agriculture | PAGF15E043 | Evaluating the role of naphthalene acetic acid and calcium chloride on growth and yield of Sugarcane (*Saccharum officinarum* L.) propagated through bud-chips. | Continue |

**TRAINING / CONFERENCES / WORKSHOPS / SEMINARS:**

* 6 month IRSIP training in **USA at The Ohio State University,** October 14, 2011 to March 22, 2012.
* Participated in the regional “**Mid-West Cover Crops Council**” Annual Meetings at Purdue University, West Lafayette, Indiana
* Participated in the “**Conservation Tillage and Technology Conference”** Annual Meetings and Soil Quality Workshop in Ada, Ohio
* 3-month Punjab Govt. internship teaching training in **Govt. Higher Secondary School** Jajjah Abbasian.
* Participated in workshop on “**Application of Biotechnology for Wheat Improvement on March 11-12, 2014 and Farmer’s Day on March 13, 2014”.** National Institute for Biotechnology and Genetic Engineering (NIBGE).
* Participated in “**International Symposium on Strategies for Overcoming Food Security Problems through Utilization of Rain-Fed Areas on March 26-28, 2014”.** University of Sargodha.
* Participated in training “**Fundamental Training on Cotton Production Technology on June 9-13, 2014”.** Central Cotton Research Institute Multan.
* Participated in conference “**5th International Conference on Agriculture, Food Security and Climate Change on September 09-11, 2014**”. The University of Poonch, Rawalakot, Azad Jammu and Kashmir.
* Participated in **“Seminar on Cotton Processing and Trade for Developing Countries in 2014”** sponsored by Ministry of Commerce and organized by Agriculture University of Hebei from October 16th, 2014 to November 12th, 2014 in **Baoding, Hebei, China**.
* Participated in conference “**5th International and 12th National Conference of Weed Science on June 12-14, 2015**”. Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa.
* Participated in conference “**International Conference on Soil Sustainability and Food Security on November 15-17, 2015**”. Institute of Soil and Environmental Sciences, University of Agriculture Faisalabad, Punjab, Pakistan.
* Participated in conference “**5th Invention to Innovation Summit, The Innovation Expo to Buy and Sell Technology on March 02-03, 2016**”. University of the Punjab, Pakistan.
* Participated in workshop on “**Fund Winning Opportunities**” **organized by Pakistan Science Foundation on March 03, 2016**”. University of the Punjab, Pakistan.
* Participated in conference “**5th Invention to Innovation Summit, Pre Harvesting Technologies for Agriculture Sector on March 03, 2016**” as Guest Speaker in University of the Punjab, Pakistan.
* Participated in conference “**13th National Conference of Weed Science on August 19-21, 2016**”. Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa.
* Participated in **“Role of Agronomy for Sustainable Agriculture under Climate Change Scenario” on October 18, 2016.** University College of Agriculture, University of Sargodha.
* Participated in conference “**Invention to Innovation Summit on November 16-17, 2016**”. University of Engineering and Technology Peshawar, Pakistan.

**ABSTRACT PUBLISHED IN CONFERENCES:**

* **R. Qamar**, M. Maqsood. 2009. Effect of irrigation scheduling on the yield and yield components of wheat (*Triticum aestivum* L.). “**International Conference on Sustainable Food Grain Production: Challenges and Opportunities**”. October 26-27, 2009 at University of Agriculture, Faisalabad, Pakistan.
* **Rafi Qamar**, Ehsanullah, G. Mustafa and Abdul Ghaffar. 2011. Effect of irrigation scheduling on growth, radiation use efficiency and yield of wheat cultivars. “**International Conference on Prospects and Challenges to Sustainable Agriculture**”. July 14-16, 2011 at University of Azad Jammu and Kashmir, Rawalakot, Pakistan.
* **R. Qamar**, Ehsanullah and G. Mustafa. 2013. Influence of tillage and mulch on irrigated wheat under rice-wheat production system. “**AgMIP-Pakistan Kickoff Workshop and International Seminar on Climate Change**”. June 04-06, 2013 at University of Agriculture, Faisalabad, Pakistan.
* Ehsanullah, S. A. Anjum, N. Saleem, G. Mustafa, **M. R. Qamar**, M. Irfan and M. F. Saleem. 2013. AZA application of linear model to assess the optimum cropping pattern for mixed cropping zone in Punjab. “**AgMIP-Pakistan Kickoff Workshop and International Seminar on Climate Change**”. June 04-06, 2013 at University of Agriculture, Faisalabad, Pakistan.
* Amjed Ali, Ashfaq Ahmad, Tasneem Khaliq, Muhammad Afzal, Zafar Iqbal and **Rafi Qamar**. 2014. Plant population and nitrogen effects on achene yield and quality of sunflower (*Helianthus annuus* L.) hybrids. International Conference on Agricultural, Environmental and Biological Sciences; April 24-25, 2014 Phuket, Thailand.
* **Qamar, R.,** A.D. Kalhoro, A.M. Kalroo, M.S. Majidano and G. Zahid. Response of Bt. cotton to different nitrogen doses and plant spacing. 2014. “**5th International Conference on Agriculture, Food Security and Climate Change**”. September 09-11, 2014 at University of Poonch, Rawalakot, Azad Jammu and Kashmir.
* **Qamar**, **R.,** Hafeez-ur-Rehman Khuhro,A.D. Kalhoro,M.S. Majidano and L.A. Mojai.Productivity of chickpea varieties influenced by different sowing dates. 2014. “**5th International Conference on Agriculture, Food Security and Climate Change**”. September 09-11, 2014 at University of Poonch, Rawalakot, Azad Jammu and Kashmir.
* **Qamar, R.,** A.D. Kalhoro, M.A. Leghari, F. Ahmad, L.A. Mojai and K.B. Sial. Impact of weed management strategies on cotton production. 2015. “**5th International and 12th National conference of Weed Science**”. June 12-14, 2015 at Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa, organized by The Weed Science Society of Pakistan.
* **Qamar, R.,** Ehsanullah, A. Rehman, M. Saqib, H.M.R. Javeed and Atique-ur-Rehman. Tillage and mulch effect on soil physical properties in rice-wheat system. 2015. “**International Conference on Soil Sustainability and Food Security**”on November 15-17**,** 2015 at Institute of Soil and Environmental Sciences, University of Agriculture Faisalabad, Punjab, Pakistan.
* **Rafi Qamar**, Abdul Rehman, Atique-ur-Rehman, Zafar Iqbal, Ehsan Safdar, Hafiz Muhammad Rashad Javeed, Amjed Ali, Muhammad Saqib and Farwa Hassan. 2016. Tillage impacts in rice-wheat system. “**5th Invention to Innovation Summit, Pre Harvesting Technologies for Agriculture Sector**” on March 03, 2016 at University of the Punjab, Pakistan.
* Abdul Rehman, **Rafi Qamar**, Zafar Iqbal and Farwa Hassan. 2016. Management studies of *Salybum marianum* L. in irrigated Punjab. “**13th National Conference of Weed Science on August 19-21, 2016**”. Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa.
* Jamshaid Qamar, Kaleem Ahmad, Abdul Rehman, Muhammad Zia Ullah and **Rafi Qamar**. 2016. Effect of different pre and post emergence herbicides and their doses for controlling *Parthenium hysterophorus* L. in maize. “**13th National Conference of Weed Science on August 19-21, 2016**”. Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa.

**LIST OF PUBLICATION:**

* Sarwar, N., M. Maqsood, K. Mubeen, M. Shehzad, M.S. Bhullar, **R. Qamar** and N. Akbar. 2010. Effect of different levels of irrigation on yield and yield components of wheat cultivars. Pak. J. Agri. Sci., 47(3): 371-374. **HEC recognize, W Category**
* Ghafar, A., Ehsanullah, N. Akbar, S.H. Khan, K. Jabran, **R.Q. Hashmi**, A. Iqbal and M.A. Ali. 2012. Effect of trench spacing and micronutrients on growth and yield of sugarcane. Aust. J. Crop Sci. 6(1): 1‑9. **IF = 0.899**
* **Qamar, R**., Ehsanullah, R. Ahmad and M. Iqbal. 2012**.** Response of wheat to tillage and nitrogen fertilization in rice-wheat system. Pak. J. Agri. Sci., 49(3): 243-254. **IF = 1.24 HEC recognize, W Category**
* **Qamar, R**., Ehsanullah, M. Munir, G. Mustafa and A. Ghafar. 2012. Effect of irrigation scheduling on growth, radiation use efficiency and yield of wheat cultivars. Crop Environ. 3(1-2): 23-27. **HEC recognize, Z Category**
* Shahid, M. A., A. Ali, M. Zia-Ul-Haq, S. W. Hassan, M. Athar and **R. Qamar**. 2013. Effect of different concentrations of phosphine gas on the mortality of different strains of tribolium castaneum (hbst.) collected from different locations. Sci. Int. (Lahore). 25(3): 551-558. **HEC recognize, Z Category**
* Ehsanullah, S. Khan, **R. Qamar**, A. Ghaffar and G. Mustafa. 2013. Impact of tillage and mulch on water conservation in wheat (*Triticum aestivum* L.) under rice-wheat production system. J. Agric. Res. 51 (3): 255-265. **HEC recognize, Y Category**
* **Qamar, R**., Ehsanullah, A. Rehman, G. Mustafa and A. Ghafar. 2013. Effect of irrigation scheduling on the yield and yield components of two wheat (*Triticum aestivum* L.) genotypes. Crop Environ. 4(1): 1-5. **HEC recognize, Z Category**
* **Qamar, R.,** Ehsanullah, A. Rehman, A. Ali, A. Ghaffar, A. Mahmood, R. Javeed and M. Aziz. 2013. Growth and economic assessment of wheat under tillage and nitrogen levels in rice-wheat system. Amer. J. Plant Sci. 4(12A): 2083-2091. **IF = 0.966**
* Javeed, H.M.R., M.S.I. Zamir, N. Masood, **R. Qamar**, M. Shehzad, M. Nadeem. 2014. Agronomy and Economy: Impact of Tillage and Poultry Manure on Maize (*Zea mays* L.). Amer. J. Plant Sci. 5 (6): 799-810. **IF = 0.966**
* Atique-ur-Rehman, M. Farooq, H. Ali, N. Sarwar, **R. Qamar**. 2014. Thermal hardening improves germination and early seedling growth of chickpea. Asian J. Agri. Biol. 2(1): 51-58. **HEC recognize, Z Category**
* Ali, A., A. Ahmad, T. Khaliq, M. Afzal, Z. Iqbal and **R. Qamar**. 2014. Plant population and nitrogen effects on achene yield and quality of sunflower (*Helianthus annuus* L.) hybrids. Agri. Environ. Bio. Sci. 1-3. (Published in International Conference on Agricultural, Environmental and Biological Sciences; April 24-25, 2014 Phuket, Thailand).
* Anjum, S.A., Ehsanullah, U. Ashraf, M. Tanveer, **R. Qamar**, I. Khan. 2014. Morphological and Phenological Attributes of Maize Affected by Different Tillage Practices and Varied Sowing Methods.Amer. J. Plant Sci. 5 (11): 1657-1664. **IF = 0.966**
* Rehman, A., **Qamar, R.** and Qamar, J. 2014. Economic Assessment of Sugarcane (*Saccharum officinarum* L.) through Intercropping. J. Agric. Chem. Environ. 3: 24-28.

**IF = 0.25**

* Tariq, A., Anjum, S.A., Randhawa, M.A., Ullah, E., Naeem, M., **Qamar, R.,** Ashraf, U. and Nadeem, M. 2014. Influence of zinc nutrition on growth and yield behaviour of maize (Zea mays L.) hybrids. Amer. J. Plant Sci. 5: 2646-2654. **IF = 0.966**
* Javeed, H.M.R., M.S.I. Zamir, M. Nadeem, **R. Qamar,** M. Shahzad, M.A. Sarwar, S. Iqbal. 2014. Response of maize phenology and harvest index to tillage and poultry manure. Pak. J. Agri. Sci., 51 (3): 633-638. **Thomson Reuters** **IF = 1.24 HEC recognize, W Category**
* Ehsanullah, **R. Qamar**, M. Kalim, A. Rehman, Z. Iqbal, A. Gaffar and G. Mustafa. 2014. Growth and economic assessment of mulches in aerobic rice (*Oryza sativa* L.). J. Agric. Res. 52(3): 395-406. **HEC recognize, Y Category**
* Sial, K.B. A.D. Kalhoro, M.Z. Ahsan, M.S. Mojidano, A.W. Soomro, **R.Q. Hashmi** and A. Keerio. 2014. Performance of Different Upland Cotton Varieties under the Climatic Condition of Central Zone of Sindh. American-Eurasian J. Agric. Environ. Sci. 14 (12): 1447-1449. **Thomson Reuters Index**
* Hafeez-ur-Rehman, **R. Qamar,** Atique-ur-Rehman, F. Ahmad, J. Qamar, M. Saqib and S. Nawaz. 2015. Effect of Different Sowing Dates on Growth and Grain Yield of Chickpea (*Cicer arietinum* L.) Cultivars under Agro-environment of Taluka Dokri Sindh, Pakistan. Amer. J. Exp. Agri. 8(1): 46-53.
* **Qamar, R.,** Ehsanullah, M. Saqib, H.M.R. Javeed, A. Rehman, Atique-ur-Rehman and A. Ali. 2015. Influence of tillage and mulch on soil physical properties and wheat yield in rice-wheat system. West Afri. J. App. Eco. 23(1): 21-38. **Thomson Reuters IF = 0.52**
* Zamir, M.S.I., M. Aslam, H.M.R. Javeed, Ihtisham-ul-Haq, M. Ali, **R. Qamar,** K. Khan and A. Ali. 2015. Influence of Potassium Levels on the Phenology of Maize (Zea mays L.) Hybrids Grown Under Drought Stress. Pak. J. life Soc. Sci. 13(2): 110-116.  **UIF = 1.029 HEC recognize, Z Category**
* Ahmed, U.I., L. Ying, M.K. Bashir, M.A. Iqbal, M. Rizwan, M.M. Iqbal, **M.R. Qamar** and A. Nazeer. 2015. Spatial price transmission in Pakistan: the case of wheat and rice markets. Pak. J. Agric. Res. 28 (4): 254-262. **HEC recognize**
* **Qamar, R.,** A.D. Kalhoro, A. Rehman, M.E. Safdar, M. Saqib, H.M.R. Javeed, Atique-ur-Rehman and A. Ali. 2015. Response of Bt. Cotton to different nitrogen doses and plant spacing. Acad. J. Agric. Res. 3(11): 342-347. **GIF = 0.546**
* Ali, M.A., A. Ali, S.R. Khan, M. Aziz, M. Ibrahim, S. Hussain, M.I. Ahmad, **R. Qamar**, S.R. Sultana and M.A. Javed. 2016. Response of Mungbean to various levels of planting density and phosphorus.J. Global Agric. Eco., 4(2): 84-92.
* **Qamar, R.,** Atique-ur-Rehman, H.M.R. Javeed, M. Saqib, M. Shoaib, A. Ali and M. Ali. 2016. Influence of sowing time on cotton growth, yield and fiber quality. Int. J. Bio. Biotech. 13(1): 59-67. **HEC recognize**
* Qamar, J., A. Rehman, M.A. Ali, **R. Qamar,** K. Ahmed and W. Raza. 2016. Boron increases the growth and yield of Mungbean. J. Adv. Agri. 6(2): 922-924.
* Qamar, J., A. Rehman, **R. Qamar,** M.A. Ali, K. Ahmed and S.I. Aslam. 2016. Influence of Boron doses on the Yield of Mungbean Cultivars Grown under Semi-arid Environment. Int. Sci. Res. J. 72(8): 171-177.
* Rehman, A., F.U. Hassan, **R. Qamar**, M. Ali, M.S. Zamir, S. Iqbal, M. Shehzad, N. Masood and H.M.R. Javeed. 2016. Efficacy of herbicides in controlling *Parthenium hysterophorus* L. in spring maize (*Zea mays* L.). Quality Assurance and Safety of Crops and Foods. Xx(x): xxx-xxx. **Thomson Reuters IF = 0.624**
* Shoaib, M., N. Akhtar, M. Shehzad, **R. Qamar**, Sanaullah. 2016. Small grain cereal–clover mixtures for forage production (Review Article). Agronom. Res. Mold. 3 (167): 83-96.
* Javeed, H.M.R., A. Ghaffar, **R. Qamar**, A. Rehman, M.A. Wahid, F. Hassan, Atique-ur-Rehman, J. Qamar, M. Hussain, Haseeb-ur-Rehman and M. Ali. 2016. Effect of Soil Management Practices on Agronomic, Economic and Soil Thermal Attributes of Clay Loam Soil on Maize Grown in Tropical Conditions of Pakistan. Transylvanian Review: 25(11): 2837-2848. **Thomson Reuters IF = 0.030**
* **Qamar, R.,** Atique-ur-Rehman, A. Rehman, S.A. Anjum, J. Qamar, A. Ali, M. Shoaib, F. Hassan, M. Ali, Haseeb-ur-Rehman and H.M.R. Javeed. 2016. Impact of Tillage and Mulch on Growth and Economy of Wheat Crop in Rice-Wheat Cropping System. Transylvanian Review: 25(11): 2850-2860. **Thomson Reuters IF = 0.030**
* Azeem, M., M.A. Ali, A. Ali, M.T. Saleem, M.F. Shareef, **R. Qamar,** M. Naseem and B. Ali. 2016. Growth and yield of maize influenced by organic amendments in marginal soils. Int. J. Emerg. Tech. Adv. Engin. 6 (12): 31-35.
* Ali, A., M.E. Safdar, M. Imran, **R. Qamar**, M.A. Ali, B. Ali, M.A. Javed. 2017. Inter- and Intra-row and plant spacing impact on maize (*Zea mays* L.) growth and productivity: A review. Int. J. Ad. Sci. Res. 2 (1): 10-14. **Impact Factor: RJIF 5.12**