**ALI**

**ALI.286292@2freemail.com**

**Soil Scientist**

**PERSONAL DETAILS \_\_\_\_**

Birth: December 1, 1986

**EDUCATION \_\_\_**

**Ph. D. (Soil Science) ………….continue 2013-2016**

Department of Soil & Environmental Sciences

University of College of Agriculture,

University of Sargodha, Sargodha-Punjab, Pakistan

**M.Sc. (Hons) Agriculture (Soil Science) 2006-2008**

 Institute of Soil & Environmental Sciences

 University of Agriculture, Faisalabad-Punjab, Pakistan

**B.Sc. (Hons) Agriculture**

**(Soil Science) 2002-2006**

Institute of Soil & Environmental Sciences

University of Agriculture, Faisalabad-Punjab, Pakistan

**WORK EXPERIENCES \_\_\_**

**Soil Scientist 25 Feb 2016- Present**

Nespak, Lahore

A Government of Pakistan Enterprise.

Ministry of Water and Power,

Government of Pakistan

**Senior Territory Head Jan 2012- Nov 2013**

Sungro Private Limited

 Ali Pur, Punjab, Pakistan

 **Senior Technical Sales Officer Jul 2010- Jan 2012**

Plant4Life Private Limited

 Multan, Punjab, Pakistan

**Technical Sales Officer Feb 2009- Jul 2010**

 Syngenta Pakistan Limited

 R.Y. Khan, Punjab, Pakistan

**WORK RESPONSIBILTIES \_\_\_**

* Soil Survey, Soil Classification, Soil and Water Sampling, Soil and Water Analysis, Recommendation and Report Writing
* Land Use Suitability/ Capability Rating
* Crop Use Suitability/ Capability Rating
* Production Technology of Crops
* Agriculture Farms Management, Crops, Vegetables and Orchards Management, Pest Scouting, Pesticide and Fertilizers usage recommendation, Territory Management & BSA Development, Record Maintenance, Technical Field advisory Services to Farmers ,FMs, FDs, HPFMs, HPFDs, BGs, Demos, Sales & Marketing, Brand Development, Target Planning, implementation & its achievement, Project Excavation, Franchisee Management, EI,s Management, Field Team Management, Time & Expense Management, Training to Juniors Officers etc

**INTERNSHIP EXPERIENCE \_\_\_**

* 6 months experience as Internee under Punjab Youth Internship Program at District Govt. Sargodha.
* About 12 months experience as Internee under National Internship Program (NIP) at District Government Faisalabad.
* 6 months Internship experience at Soil & Water Testing Laboratory for Research, Bahawalpur (RARI).

**RESEARCH INTERESTS \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_\_\_ \_\_**

* Agriculture
* Soil Science
* Soil and Environmental Science
* Soil microbiology and Biochemistry
* Soil and Plant-microbe Interaction
* Soil Fertility and Plant Nutrition
* Fertilizers and their use
* Phosphate Solubilizing Rhizobacteria (PSR)
* Potassium Solubilizing Rhizobacteria (KSR)
* Biofertilizers
* Soil Reclamation
* Soil Carbon Sequestration
* Agronomy
* Crop Production Technology
* Insects Pests of Crops and their control measures

 **RESEARCH PROJECTS \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_\_\_ \_\_**

* Symbiotic Efficacy of Chickpea influenced by Co-inoculation with K-mobilizing bacteria and rhizobia under varied mineral Potassium Fertilizers supervised by **Dr. Sher Muhammad Shahzad, Assistant Professor**, Department of Soil & Environmental Sciences, University College of Agriculture, University of Sargodha, Sargodha, Punjab, Pakistan (Ph.D Project).
* Integrated use of phosphate solubilizing Rhizobacteria with and without ACC-deaminase activity and compost for improving growth and yield of wheat (*Triticum aestivum* L.) in pot trial supervised by **Prof.** **Dr. Muhammad Arshad *(T.I) &* Best Scientist of the World, 2007 (TWAS),** at Institute of Soil & Environmental Sciences, University of Agriculture, Faisalabad (M.Sc (Hons) Soil Science/ Soil Microbiology & Biochemistry).

**MEMBERSHIPS \_\_\_**

* Pakistan Agricultural Scientists Society (PASS)
* Soil Science Society of Pakistan (SSSP)
* Soil and Environmental Science Society of Pakistan
* World Wildlife Fund (WWF), Pakistan
* Soil Science Society of America (SSSA)-
* Pakissan Agri Professionals and Institutes Networks (Pak APIN)
* National academy of Young Scientists (NAYS), Pakistan

**LANGUAGE SKILLS \_\_\_**

* Urdu (Pakistan National Language)
* English (International Language)
* Punjabi (Mother Tongue/ Pakistan Native Language)
* Sariaki (Pakistan Native Language)

**PARTICIPATION IN INTERNATIONAL CONFERENCES/ SYMPOSIUMS/ WORKSHOPS/ SEMINARS/ LECTURES**

* Participation in one day International Symposium ‘’Rural advisory services in Pakistan in the scenario of information communication technologies (ICTs)’’ held on January 13, 2016 organized by Department of Agricultural Extension & Rural Development, University College of Agriculture, University of Sargodha-Punjab, Pakistan.
* Participation in ‘’International Conference on Soil sustainability for Food Secuirty” held on 15-17 November, 2015 organized by Institute of Soil and Environmental Sceinces, University of Agriculture, Faislabad-Punjab, Pakistan.
* Participation in ‘’International training workshop on Sustainable Agriculture Water Management in a challenging environment-A special focus on olive tree” held on Sep. 30-Oct 2, 2015 by Department of Environmental Sciences, at PMAS-AAUR-Punjab, Paksitan.
* Participation in International Symposium on “Strategies for overcoming food security problems through utilization of rain-fed areas” held on March 26-28, 2014, organized by Department of Agronomy, University College of Agriculture, University of Sargodha, Sargodha-Punjab, Pakistan.
* Participation in International Symposium on “Prospects of Horticultural Industry in Pakistan” held on March 28-30, 2007, 0rganized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad-Punjab, Pakistan.

**PARTICIPATION IN NATIONAL CONFERENCES/ SYMPOSIUMS/ WORKSHOPS/ SEMINARS/ LECTURES**

* Participation in One day Lecture on ‘’Soil is indispensible for Food Security” by Dr. Muhammad Arshad *(T.I)* and Best Scientist of the World, TWAS (2007) held on Sep, 2015, organized by Department of Soil and environmental Sciences, University College of Agriculture, University of Sargodha, Sargodha-Punajb, Pakistan.
* Participation in 2nd Roshan Watan Agri. Expo and Conference held on 21-22 Jan 2014, organized by Evolution Event Management and TV Production in Collaboration with Department of Horticulture, Faculty of Agriculture, University of Sargodha, Sargodha-Punjab, Pakistan.
* Participation in “ National Wheat Conference” held on Nov, 2013, organized by University College of Agriculture, University of Sargodha, Sargodha-Punjab, Pakistan.

**PARTICIPATION IN TRAINING COURSES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Indoor Learning experience “Customer First! Accelerating Business Results” held on 25 April, 2013 By Mr. Qaiser Abbas, Possibilities & Sungro Pvt Ltd, Lahore-Punjab, Pakistan.
* Selling Skills Training Course held on Dec, 2012 by Sungro Pvt Ltd, Multan-Punjab, Pakistan.
* Technical Training On Fertilizers held on July, 2010 by PFL in LUMS, Lahore-Punjab, Pakistan
* Managerial Skills Improvement Training held on Mar, 2010 by Syngenta Pak Ltd, Karachi-Sindh, Pakistan.
* Time Management Training & Risk Management held on Feb, 2010 by Syngenta Pak Ltd, Malaysia & Dubai.
* Technical Training of Mango held on Dec, 2009 by Syngenta Pak Ltd, Multan, Punjab, Pakistan
* HSE Training & Defensive Driving Course held on Oct, 2009 by Syngenta Pakistan, Vehari-Punjab, Pakistan.
* Technical Training on Tunnel Farming (vegetables) held on Aug, 2009 by Agri. Department & Syngenta Pak Ltd, Vehari-Punjab, Pakistan.
* Selling Skills Course held on May, 2009 by Syngenta Pak Ltd, Multan-Punjab, Pakistan.
* HSE Training & Defensive Driving Course held on Apr, 2009 by Syngenta Pakistan Ltd, R.Y. Khan-Punjab, Pakistan.
* Learning & Development Program held on Apr, 2008 by MDI, Lahore-Punjab, Pakistan.
* Worked as “RESEARCH TRAINEE” from Feb, 2006 to Jun, 2006 in Soil, Water and Fertilizer Testing Laboratory, Regional Agricultural Research Institute, Bahawalpur-Punjab, Pakistan.

**ORAL PRESENTATION \_\_\_**

* Oral presentation in ‘’International Conference on Soil sustainability for Food Secuirty” held on 15-17 November, 2015 organized by Institute of Soil and Environmental Sceinces, University of Agriculture, Faislabad-Punajb, Pakistan.

**POSTER PRESENTATION \_\_\_**

* Poster presentation in ‘’International Conference on Soil sustainability for Food Secuirty” held on 15-17 November, 2015 organized by Institute of Soil and Environmental Sceinces, University of Agriculture, Faislabad-Punjab, Pakistan.

**RESEARCH DISCIPLINE ­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­**

* **AGRICULTURE SCIENCES**
* **SOIL SCIENCE**
* **SOIL MICROBIOLOGY AND BIOCHEMISTRY**(Particularly Plant-Microbes interactions, Rhizosphere Biology, Integrated Bioresource Management, Carbon sequestration).

**REASEARCH/ REVIEW/ ABSTARCT PAPERS PUBLICATIONS\_\_\_ \_\_**

* “Integrated use of P-solubilizing bacteria with and without ACC-deaminase activity and compost for improving growth and yield of wheat” by **Ali Raza Siddiqui,** Shabana Nazeer, Sher Muhammad Shahzad, Muhammad Ashraf, Muhammad Awais Piracha, Muhammad Arshad, Azeem Khalid in Journal of Agriculture and Environment.
* “Management of brackish water for irrigating sunflower (*Helianthus annuus* L.) through integrated use of potassium and farm yard manure” by Muhammad Ashraf, Sher Muhammad Shahzad, **Ali Raza Siddiqui** and Muhammad Awais Piracha in ‘’International training workshop on Sustainable Agriculture Water Management in a challenging environment-A special focus on olive tree” held on Sep. 30-Oct 2, 2015 by Department of Environmental Sciences, at PMAS-AAUR-Punjab, Paksitan.
* “The production of biochar and its possible effects on soil properties and phosphate solubilizing bacteria- Review Article” by **Ali Raza Siddiqui,** Shabana Nazeer, Muhammad Awais Piracha, Muhammad Masood Saleem, Iqra Siddiqi, Sher Muhammad Shahzad, Ghulam Sarwar in Journal of Arid Agriculture and Biotechnology.
* Proceeding and abstract on “Synergistic association between potassium solubilizing rhizobacteria (KSR) and rhizobia improve symbiotic performance of Chickpea (*Cicer arietinum* L.) under varying levels of postassium fertilizer” by **Ali Raza Siddiqui,** Sher Muhammad Shahzad, Muhammad Ashraf and Muhammad Saleem Arif in International Conference on Soil Sustainability and Food Security held on 15-17 November, 2015 organized by Institute of Soil and Environmental Sceinces, University of Agriculture, Faislabad-Punjab, Pakistan.
* Proceeding and abstract on “Rice productivity and soil health as affected by tillage systems under varying farm yard manure applications” by Shabana Nazeer, **Ali Raza Siddiqui** and Gul Jana Nazir in International Conference on Soil Sustainability and Food Security held on 15-17 November, 2015 organized by Institute of Soil and Environmental Sceinces, University of Agriculture, Faislabad-Punjab, Pakistan.

**NEWS PAPER PUBLICATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* “Organic Matter: Magic for agricultural soils” by **Ali Raza Siddiqui,** Khurram Shehzad & Dr. Muhammad Arshad *(T.I)* published in Daily Dawn Newspaper, Lahore, Punjab, Pakistan
* “Karnal Bunt: a fungal wheat disease” by **Ali Raza Siddiqui,** Hafeez ur Rehman and Safdar Bashir published in Daily Dawn Newspaper, Lahore, Punjab, Pakistan

**COMPUTER SKILLS \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_**

* MS Office (Word, Power Point, Excel)
* R-Stat
* Web Browsing/ Internet
* Report Writing

**DISTINCTIONS \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_**

* **University Merit Scholarship Holder** on Academic performance during B.Sc. (Hons.) Agriculture.

**EXTRACURRICULAR ACTIVITIES \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_\_\_ \_\_**

**Distinction Certificates Achiever** at Academic & professional level in followings:

* Cricket
* Foot ball
* Tug off war
* Quiz competition
* Exhibition (Handmade, Flower Exhibition & Tea Stall)
* Hockey
* **Chief Organizer** of 1st Seven Star Cricket Tournament, Abu Bakar Hall, University College of Agriculture, University of Sargodha, Sargodha-Punjab, Pakistan.
* **Stage Secretary** of One day Lecture on ‘’Soil is indispensible for Food Security” by Dr. Muhammad Arshad *(T.I)* and Best Scientist of the World, TWAS (2007) held on Sep, 2015, organized by Department of Soil and environmental Sciences, University College of Agriculture, University of Sargodha, Sargodha-Punajb, Pakistan.
* **Chief Organizer** of One day Lecture on ‘’Soil is indispensible for Food Security” by Dr. Muhammad Arshad *(T.I)* and Best Scientist of the World, TWAS (2007) held on Sep, 2015, organized by Department of Soil and environmental Sciences, University College of Agriculture, University of Sargodha, Sargodha-Punajb, Pakistan.