

Prof. Dr. Muhammad Sharif

List of Publications

A. *IMPACT FACTORS JOURNALS*

1. Kamran Azeem, Shad Khan Khalil, Farmanullah Khan, Shahenshah, Abdul Qahar, **Muhammad Sharif** and Muhammad Zamin. 2014. Phenology, Yield and Yield Components of Maize as Affected by Humic Acid and Nitrogen Journal of Agricultural Science; Vol. 5, No. 7: 1995-2004.
2. Asif Khan, **Muhammad Sharif**, A. Ali, S.N.M Shah, I.A Mian, F. Wahid1 B. Jan, M. Adnan, S. Nawaz and N. Ali. 2014. Potential of AM fungi in phytoremediation of heavy metals and their effect on yield of wheat crop. American Journal of Plant Sciences, 5: 1578-1586.
3. I. Khan, H. Zada, S.K. Khalil, **Muhammad Sharif** and Z. Mehmood. 2014. Biological control of sugar can top-borer, *Scirpophaga excerptalis* (Walker) (Lepidoptera: Crambidae) through different release levels of *Telenomus beneficiens* (Zehntner) (Hymenoptera: Scelionidae). Journal of Agricultural Sciences and Technology, 16: 497-503.
4. Amjad Ali. **Muhammad Sharif**, Wahid, F Zhang, Z.Q., Shah S.N.M. Rafiullah, ZAheer, S., Khan, F. and Rehman, F. 2014 Effect of composted rock phosphate with organic materials on yield and phosphorus uptake of berseem and maize.
5. **Muhammad Sharif**, Muhammad Arif, Tanvir Burni, Farmanullah Khan, Bismillah Jan and Inamullah Khan. 2014. Growth and P uptake of sorghum plants in salt affected soil as affected by organic materials composted with rock phosphate. Pakistan Journal of Botany 46(1): 173-180.
6. **Muhammad Sharif**, T. Burni, Fazli wahid, Farmanullah khan, Saeed khan, Amjad khan and Azizullah shah. 2013. Effect of rock phosphate composted with organic materials on yield and phosphorus uptake of wheat and mung bean crops. Pakistan Journal of Botany, 45(4): 1349-1356.
7. Tanvir Burni, Farrukh Hussain and **Muhammad Sharif**. 2013. Effect of Arbuscular mycorrhizal fungi on essential oils of two pharmaceutically important *Mentha* species in marginal soils. Pakistan Journal of Botany 45 (1): 293-296.
8. **Muhammad Sharif**, S. Saud, T. Burni, M. Afzal, F. Khan, M.J. Khan and Fazli Wahid.2012. Effect of arbuscular mycorrhizal fungal inoculation in combination with

different organic fertilizers on maize crop in eroded soils. Pakistan Journal of Botany 44 (4): 1427-1432.

9. Jehan Bakht, M. Javed Khan, M. Shafi, M. Aman Khan and **M. Sharif**. 2012. Effect of salinity and ABA application on proline production and yield in wheat genotypes. Pakistan Journal of Botany 44 (3): 873-878.
10. M. Shafi, S. Azam Shah, J. Bakht, S. Mahmood Shah, W. Mohammad, **M. Sharif** and M. Aman Khan. 2012. Enhancing Soil Fertility and Wheat Productivity through Integrated Nitrogen Management. Communication in Soil Science and Plant Analysis, 43: 1499 – 1511. (
11. Mohammad Shafi, Jehan Bakht, Sajjad Ali, Hamayoon Khan, Mohammad Aman Khan and **Muhammad Sharif**. 2012. Effect of planting density on phenology, growth and yield of maize (*Zea mays* L.). Pakistan Journal of Botany 44 (2): 691-696.
12. Farhad Ali, Musharaf Ahmad, M. Junaid, Ayesha Bibi, Asad Ali, **M. Sharif**, Barkat Ali, K. Nawab and Amna Sadozai . 2012. Bacterial Soft Rot and Blackleg of Potato: Inoculum sources, Disease Incidence and Severity. Pakistan Journal of Botany 44 (2): 825 -830.
13. Tanvir Burni, Farrukh Hussain and **Muhammad Sharif** .2011. Arbuscular mycorrhiza fungi (AMF) associated with the rhizosphere of *Mentha Arvensis* L., and *M. longifolia* Huds. Pakistan Journal of Botany 43 (6): 3013-3019.
14. **Muhammad Sharif**, M.U. Khan, T. Burni, A.H. Shah, F. Wahid. 2011. Response of fed dung composted with rock phosphate on yield and phosphorus and nitrogen uptake of maize crop. African Journal of Biotechnology 10 (59) : 12595-12601
15. **Muhammad Sharif**, E. Ahmad, M.S. Sarir, D. Muhammad, M. Shafi and J. Bakht. 2011. Response of different crops to arbuscular mycorrhiza fungal inoculation in phosphorus-deficient soil. Communications in Soil Science and Plant Analysis, 42 (19) : 2299-2309.
16. **Muhammad Sharif** and N. Claassen. 2011. Action mechanisms of arbuscular mycorrhizal fungi in phosphorus uptake by *Capsicum annuum* L. *Pedosphere*, 21 (4): 502-511.
17. Nasrullah, **Muhammad Sharif**, K. Rubina and T. Burni. 2010. Occurrence and distribution of Arbuscular mycorrhiza in wheat and maize crops of Malakand division of North West Frontier Province, Pakistan. Journal of Botany 42 (2): 1301-1312.
18. **Muhammad Sharif**, R.A. Khattak, and M.S. Sarir. 2002. Effect of different levels of lignitic coal derived humic acid on growth of maize plants. Commun. Soil Sci. Plant Anal. USA. 33, (19-20): 3567-3580.

B. HEC RECOGNIZED JOURNALS

1. Farmanullah Khan, Z. Hayat, W. Ahmad, M. Ramzan, Z. Shah, **M. Sharif**, I. A. Mian and M. Hanif. 2013. Effect of slope position on physico-chemical properties of eroded soil. *Soil and Environ.* 32(1): 22-28.
2. Farmanullah Khan, K. Ejaz, M. Ramzan, Z. Shah, Naveedullah, **M. Sharif**, M. Afzal and M.J. Khan. 2012. Extent of nutrient deficiencies and degradation of selected soil properties in water eroded soils of District Muzaffarabad, Pakistan. *Sarhad J. Agric.* 28 (4): 571-578.
3. Matiullah Khan, Shahid Ahmad, **Muhammad Sharif**, Motsim Billah and Muhammad Aslam. 2012. Formulation of single super phosphate fertilizer from rock phosphate of Hazara, Pakistan. *Soil Environ.* 31 (1): 96-99.
4. Matiullah K. and **M. Sharif**. 2012. Solubility Enhancement of Phosphorus from Rock Phosphate through Composting with Poultry Litter. *Sarhad J Agric* 28 (3): 415-420.
5. **Sharif, M**, Abida M.J. Khan and Izhar-ul-haq. 2010. Extractable phosphorus as affected by humic acid application in salt affected soils. *Sarhad J Agric* 26(3): 381-386.
6. Sarir M.S., **M. Sharif**, I.D. Pulford, T.H. Flowers and I. Ahmad. 2009. Response of ryegrass to phosphate in the reclamation of coal mine soil. *Sarhad J Agric* 25(2): 203-207.
7. **Sharif, M.**, M.S. Sarir, J. Bakht, S. Saud and Asad Ali. 2009. Response of wheat to the inoculation of Arbuscular mycorrhizal Fungi in Salt affected Soil. *Sarhad J Agric* 25(2): 209-216.
8. F.U. Khan, J. Ahmad, **M. Sharif** and M. Tariq. 2008. Characterization of some eroded soil series of river Swat catchments area. *Soil and Environ.* 27 (2): 215 – 222.
9. **Sharif, M** and B. Jan. 2008. Growth and nutrients accumulation of maize plants as affected by the inoculation of AM fungi with rock phosphate. *Soil and Environ.* 27 (1): 109- 115.
10. **Sharif, M.** M.S. Sarir and Nasrullah. 2005. Arbuscular Mycorrhizal incidence and infectivity in wheat and maize crops of Kohat area. *Soil & Environ.* 24(2): 145-151.
11. Sarir, M.S., M. Sharif, A. Zeb and M. Akhlaq. 2005. Influence of different levels of humic acid application by various methods on the yield of maize. *Sarhad J. Agric.* 21 (1): 75-81.

12. Sarir, M.S. Iqrar Hussain and M. Sharif. 2005. Changes in soil phosphorus content as affected by humic acid and P application. *Sarhad J. Agric.* 21 (3): 409-415.
13. Sarir, M.S. M. Akhlaq, A.Zeb and **M. Sharif**. 2005. Comparison of various organic manures with or without chemical fertilizers on the yield of maize. *Sarhad J. Agric.* 21 (2): 237-245.
14. **Sharif, M.** Riaz A. Khattak and Shahid, A.K. 2004. Nutritional Status of Persimmon Orchards of District Charsadda. *Sarhad J. Agric.* 20 (3):419-424.
15. **Sharif, M.**, R.A. Khattak, and M.S. Sarir. 2003. Residual effect of humic acid and chemical fertilizers on the yield and nutrients accumulation of maize plants. *Sarhad J. Agric.* 19 (4):543 – 550.
16. **Sharif, M.**, R. A. Khattak, and M. S. Sarir. 2002. Wheat yield and nutrients accumulation as affected by humic acid and chemical fertilizers. *Sarhad J. Agric.* 18, (3): 323 – 329.
17. **Sharif, M.**, M. S. Sarir, and F. Rabi. 2000. Biological and Chemical transformation of phosphorus in some important soil series of NWFP. *Sarhad J. Agric.* 16, (6): 587-592.
18. **Sharif, M.** 1999. The interactions among phosphate solubilizing bacteria, VAM fungus and associative N-fixing bacteria and their effects on growth and N and P uptake of pearl millet. *Pak. J. Soil Sci.* 16, (1-2): 53-62.
19. **Sharif, M.**, A. Qayyum, and J. K. Khattak.1998. Nutrients status of citrus orchard soils in Swat valley. *Sarhad J. Agric.* 14, (3): 241-247.
20. Sarir, M. S. and **M. Sharif**. 1994. Langmuir Adsorption Isotherm. A new approach for evaluating the phosphorus requirements of soils. An over view. *Sarhad J. Agric.* X, (5): 589 – 593.
21. Khattak, J. K., **M. Sharif**, and S. Naz. 1994. Nutrients status of citrus orchards soils in Peshawar valley. *Sarhad J. Agric.* X, (4): 451-460.
22. **Sharif, M.**, S. Hussain, and J. K. khattak. 1993. Maize response to K fertilizer at Mardan. *Sarhad J. Agric.* IX (3): 257-262.

23. Sarir, M.S., **M. Sharif**, and T. H. Flower. 1993. Validity of P determination under different extractions. *Sarhad J. Agric.* IX (1): 87-94.

C. FOREIGN JOURNALS / PROCEEDINGS

1. **Sharif, M.** A.M. Moawad. 2006. Arbuscular Mycorrhizal Incidence and Infectivity of Crops in North West Frontier Province of Pakistan. *World J. of Agric. Sciences*, 2 (2): 123-132
2. **Sharif, M.**, R.A. Khattak, M.S. Sarir and A. Wais. 2005. Utilization of humic acid in crop production: An Overview. *Proceeding of the International Conference on Sustainable Crop Production in Stress Environments; Management and Genetic Options, India.*
3. Sharif, M., R.A. Khattak, and M.S. Sarir. 2001. Soil physicochemical and biological properties as affected by humic acid. *Asian-Canadian J. Agric. Sci.* 1 (1): 57-66.

III. BOOKS

1. Sarir, M.S. and **M. Sharif**. 2006. *Nature in Islam and Science*. Dept of Soil & Environ. Sci., NWFP Agric. Univ. Peshawar, Pakistan.
2. Sarir M.S., **M. Sharif**, I.D. Pulford and T.H. Flowers. 2010. Microbial and Enzymatic activities in some coal mine soils from central Scotland. In *Crop Science and Land Use for Food and Biology* (Edit. R.K. Behl, W. Merbach, H. Meliczek and C. Kaetsch, International Foundation for Sustainable Development in Africa and Asia (IFSDDAA), Germany). Published by Agrobios (International) India (Chapter 19).