

Dr. Syed Mehar Ali Shah

List of Publications

MANUSCRIPTS PUBLISHED AND ACCEPTED FOR PUBLICATION IN IMPACT FACTOR JOURNALS (HEC W-CATEGORY JOURNALS)

1. Shah, S.M.A., H. Rahman, F.M. Abbasi, M.A. Akhtar and A. Rafi. 2009. Resistance characterization of wild relatives of Rice in Response to Bacterial Blight. Pak. J. Bot. 41(2): 917-925.
2. Rahman, H., I.H. Khalil, F.M. Abbasi, Z.T. Khanzada and S.M.A. Shah. 2010. Cytomorphological characterization of tea cultivars. Pak. J. Bot., 42(1): 485-495.
3. Rahman, H., S. Ali, F. Iftikhar, I.H. Khalil and S.M.A. Shah. 2010. Stability analysis of maize hybrids across North West of Pakistan. Pak. J. Bot., 42(2):1083-1091.
4. Khan, I.A., G. Hassan, K.B. Marwat, I. Daur, S.M.A. Shah, S.A. Khan and Farhatullah. 2010. Interaction of wild oat (*Avena fatua* L.) with divergent cultivars. Pak. J. Bot., 42(2): 1051-1056.
5. Rahman, H., Arifuddin, Z. Shah, S.M.A. Shah and I.H. Khalil. 2010. Evaluation of maize S2 lines in test cross combinations. I: Flowering and morphological traits. Pak. J. Bot., 42(3): 1916-1927.
6. Gul, R., H. Rahman, I.H. Khalil, S.M.A. Shah and A. Ghafoor. 2010. Heterosis for flower and fruit traits in tomato (*Lycopersicon esculentum*). African J. Biotech., 9(27): 4144-4151.
7. Shah, Z., H. Rahman, S.M.A. Shah, M. Iqbal, U. Pervaiz and Amanullah. 2010. Tillage and residue impact on microbial biomass and soil C and N dynamics under different cropping systems. Pak. J. Bot., 42(3):1969-1976.
8. H. Rahman, S. Pekic, V. L. Janic, S.A. Quarrie, S.M.A. Shah, A. Pervez and M.M. Shah. 2011. Molecular mapping of quantitative traits loci for drought tolerance in maize plants. Genet. Mol. Res. 10(2): 889-901.

9. Shah, I.A., H. Rahman, S.M.A. Shah, Ihteramullah, M. Noor. Ahmad and Z. Shah. 2009. Characterization of pearl millet germplasm for various morphological and fodder yield parameters. Accepted in Pak. J. Bot.
10. Rahman, H., Arifuddin, Z. Shah, S.M.A. Shah and I. H. Khalil. 2009. Evaluation of maize S2 lines in test cross combinations. II: yield and yield components. Accepted in Pak. J. Bot.
11. Iqbal, M., K. Khan, H. Rahman, Z. Shah and S.M.A. Shah. 2009. Genetic analysis of maturity and flowering traits in maize. Accepted in Pakistan Journal of Botany.

**MANUSCRIPTS PUBLISHED IN INTERNATIONAL REFEREED JOURNALS
(HEC X-CATEGORY JOURNALS)**

1. Shah, S. M. A., F. Mohammad, M.S. Swati, and S. Iqbal. 2003. Genotypic variability for yield associated traits in bread wheat. *Sarhad J. Agric.* 19(4): 535-538.
2. Mohammad, F., S.M.A. Shah, M.S. Swati, T. Shehzad, and S. Iqbal. 2004. Genotypic variability for yield and morphological traits in bread wheat. *Sarhad J. Agric.* 20(1): 67- 71.
3. Shehzad, T., I.H. Khalil, M.S. Swati, and S.M.A. Shah. 2004. Heterosis for yield and related traits in spring wheat. *Sarhad J. Agric.* 20(4): 537-542.
4. Shehzad, T., I.H. Khalil, S.M.A. Shah, H. Ihsan, and M.S. Swati. 2005. Heterosis estimates for some morphological traits in spring wheat crosses. *Sarhad J. Agric.* 21(1): 33-39.
5. Shah, Z., S.M.A. Shah, A. Hassnain, Z. Shah, S. Ali, I.H. Khalil, and I. Munir. 2007. Genotypic variation for yield and yield related traits and their correlation studies in wheat. *Sarhad J. Agric.* 23(3): 633-636.
6. Ali, S., S.M.A. Shah, A. Hassnain, Z. Shah and I. Munir. 2007. Genotypic variation for yield and morphological traits in wheat. *Sarhad J. Agric.* 23(4): 943-946.
7. Shah, S.M.A., H. Rahman, A. Rehman, F.M. Abassi, I.H. Khalil, and A. Ali. 2008. Characterization of wild rice species in response to leafhopper, *Cnaphalocrocis medinalis*. 2008. *Sarhad J. Agric.* 24(1): 69-74.

8. Rahman, H., S. Ali, S.M A. Shah, S.S. Shah, N. Rahman, I.A. Khalil, I. Hussain and F. Afzal. 2008. Diversity for morphological and maturity traits in maize populations from upper Dir. *Sarhad J. Agric.* 24(3): 439-443.
9. Durrishahwar, H. Rahman, S.M.A. Shah, I.A. Khalil. 2008. Recurrent selection for yield and yield associated traits under leaf blight (*Helminthosporium maydis*) stress in Maize. *Sarhad J. Agric.* 24(4): 599-605.
10. Shah, S.M.A., A. Ahmad, F. Mohammad, H. Rahman, G. Woras, M.Y. Khan, and D. Jan. 2008. Genotypic evaluation of some flue-cured Virginia tobacco genotypes for yield and quality traits. *Sarhad J. Agric.* 24(4): 607-611.
11. Shah, S.M.A., H. Rahman, Z. Iqbal, F.M. Abbassi, Durrishahwar, A. Ali, M.Y. Khan and D. Jan. 2008. Evaluation of sugarcane genotypes for ratooning ability. *Sarhad J. Agric.* 24(4): 613-617.
12. Rahman, H., S.M A. Shah, Durrishahwar, I. Nawaz, I.A. Khalil and M. Iqbal. 2008. Evaluation of testcrosses of S1 lines for morphological and maturity traits in Maize. *Sarhad J. Agric.* 24(4): 619-623.
13. Shah, S.M.A., Farhatullah, H. Rahman, Attaullah, Durrishahwar, M.Y. Khan, M. Sohail and N.M. Khan. 2009. Acclimatization of Burley tobacco germplasm under agro-ecological conditions of Swat valley. *Sarhad J. Agric.* 25(1): 31-36.
14. Rahman, H., I. Nawaz, S.M.A. Shah, Durrishahwar, I.A. Khalil, M. Iqbal, M. Sohail and M.Y. Khan. 2009. Evaluation of test crosses derived from maize variety Azam for yield and yield associated traits. *Sarhad J. Agric.* 25(2):197-201.
15. Sajid Ali, H. Rahman, S.J.A. Shah, S.M.A. Shah and Farhatullah. 2009. Assessment of field resistance using host-pathogen interaction phenotype for wheat yellow rust. *African Crop Sci. J.* 17(4): 213-221 (International Refereed Journal)
16. Muhammad Noor, H. Rahman, Durrishahwar, M. Iqbal, S.M.A. Shah and Ihteramullah. 2010. Evaluation of maize half sib families for maturity and grain yield attributes. *Sarhad J. Agric.* 26(4): 545-549.

MANUSCRIPTS IN PUBLICATION PROCESS

1. Shah, S.M.A., H. Rahman, F.M. Abbasi and M.A. Rabbani. Interspecific variation of total seed protein in rice germplasm through SDS-PAGE. Submitted for publication in Pakistan Journal of Botany and is under review process.

BOOKS WRITTEN:

1. Shah, S.M.A., H. Rahman, F.M. Abbasi. 2010. Wild Rice Characterization: Morphological, Molecular, Disease and Insect Resistance Aspects. Lambert Academic Publishing. ISBN No. 978-3-8433-5074-7.