

Prof. Dr. Ghulam Hassan

List of Publications

A. Impact Factor Paper:

1. Ghulam Hassan, A. Zipf, G.C. Sharma. 1999. Plant Regeneration from Mature *Avena* Tissue Explants. Cereal Research Communications, Vol. 27(1-2): 25-32 (Impact Factor =1.037)
2. Inamullah, H. Akbar, F. Mohammad, S. Din, Ghulam Hassan, and Rahmani Gul. 2006. Evaluation of the heterotic and heterobeltiotic potential of wheat genotypes for improved yield. Pak. J. Bot., 38(4): 1159-1167. (Impact Factor = 0.106)
3. Inamullah, H. Akbar, F. Mohammad, S. Din, Ghulam Hassan, and Rahmani Gul. 2006. Diallel analysis of the inheritance pattern of agronomic traits of bread wheat. Pak. J. Bot., 38(4): 1169-1175. (Impact Factor = 0.106)
4. Raziuddin, Z.A. Swati, J. Bakht, Farhatullah, N.U. Khan, M. Shafi, M. Akmal and G. Hassan. 2010. In situ assessment of morph-physiological responses of wheat genotypes to drought". Pak. J. Bot. 42(5): 3183-3195. (Impact Factor = 0.106)
5. Raziuddin, Farhatullah, Ghulam Hassan, M. Akmal, S. Salim Shah, Fida
6. Mohammad, M. Shafi, Jehan Bakht and Weijun Zhou. 2011. Effects of Cadmium and Salinity on Growth and Photosynthesis Parameters of *Brassica* Species. Pak. J. Bot. 43(1): 333-340. (Impact Factor = 0.106)

Non Impact Factor Papers:

7. Ghulam Hassan; Raziuddin; SH Siddiqui; H Rahman and M Fida. 1995. Heritability estimates of post harvest parameters in mungbean (*Vigna radiata* L.) Genotypes. Sarhad J. Agric. XI (4); 471-475.
8. Mohammad F., M.S. Swati, H. Rahman and Ghulam Hassan. 1995. Heritability Estimates of Flag Leaf Lamina Area and Flag Leaf Sheath Length in an 8 x 8 Diallel of Wheat. Sarhad J. Agric. XI (5); 619-625.
9. Mohammad F., M.S. Swati, Ghulam Hassan and A. Rafi. 1997. Heritability Estimates of Some Traits in Spring Wheat (*Triticum aestivum* L). Sarhad J. Agric. XIII (1): 61-65.
10. Rizwan A., H. Rahman, Ghulam Hassan, M. Ahmad and F. Muhammad. 1999. Screening of Maize Synthetics for Drought Tolerance. Pak. J. Pl. Sci., 5 (2): 121-132.
11. Muhammad Shah Zaman; A Qureshi; Ghulam Hassan; Raziuddin; S Ali; A Kabir and N Gul. 2001. Meristem culture of potato (*Solanum tuberosum* L.) for production of virus-free plantlets. Online J of Biological Sci. 1(10): 898-899.
12. Masood Jan, Farhatullah and Ghulam Hassan. 2005. Heterosis Estimates for Yield and

Yield Components in Sunflower (*Helianthus annuus*). Pakistan Journal of Biological Sciences. 8(4): 553-557.

13. Masood Jan, Farhatullah, Raziuddin and Ghulam Hassan. 2005. Combining Ability Analysis in Sunflower (*Helianthus annuus* L.). Pakistan Journal of Biological Sciences. 8(5): 710-713.
14. Masood Jan, Ghulam Hassan, Iftikhar Khalil and Raziuddin. 2005. Estimates of Heterosis and Heterobeltiosis for Morphological Traits in Wheat (*Triticum aestivum* L.). Pakistan Journal of Biological Sciences. 8(9): 1261-1264.
15. Masood Jan, Farhatullah, Muhammad Tariq Jan, Ghulam Hassan and Raziuddin. 2005. Gene Action in the Expression of Achene Yield and Oil Content in Sunflower (*Helianthus annuus* L.). Pakistan Journal of Biological Sciences. 8(11): 1517-1520.
16. Masood Jan, Farhatullah, Ijaz Begum, Ghulam Hassan and Iftikhar Khalil. 2005. Magnitude of Heterosis for Achene Yield and Oil Content in Sunflower (*Helianthus annuus* L.). Pakistan Journal of Biological Sciences. 8(11): 1557-1560.
17. Ghulam Hassan, Fida Mohammad, Salim Shah and Masood Jan. 2005. Heterotic Effect for Grain Yield and Associated Traits in an eight-parent Diallel of Bread Wheat. Sarhad J. Agric. Vol. 21(4): 607-610.
18. Ghulam Hassan, Fida Mohammad, Iftikhar Hussain Khalil and Raziuddin. 2006. Heterosis and Heterobeltiosis Studies for Morphological Traits in Bread Wheat. Sarhad J. Agric. Vol. 22(1): 51-54.
19. Ghulam Hassan, Fida Mohammad, Iftikhar Khalil, Raziuddin and Masood Jan. 2006. Combining Ability Analysis through Diallel Crosses in Bread Wheat. Sarhad J. Agric. Vol. 22(3): 419-425.
20. Inamullah, Fida Mohammad, Ghulam Hassan, Siraj-ud-Din and Sultan Akbar. 2005. Genetics of important traits in bread wheat using diallel analysis. Sarhad J. Agric. Vol. 21(4): 617-622.
21. Ikramullah, Iftikhar Hussain Khalil, Ghulam Hassan and Bashir Ahmad. 2005. Genetic variability for salt tolerance in spring wheat. Sarhad J. Agric. Vol. 21(4): 623-628.
22. Inamullah, Fida Mohammad, Siraj-ud-Din, Ghulam Hassan and Sardar Ali. 2006. Combining Ability Analysis for Important Traits in Bread Wheat. 2006. Sarhad J. Agric. Vol. 22(1): 45-50.
23. Abdul Wahab Nassimi, Raziuddin, Sardar Ali, Ghulam Hassan and Naushad Ali. 2006. Combining Ability Analysis for Maturity and Other Traits in Rapeseed (*Brassica napus* L.). Journal of Agronomy 5(3): 523-526.
24. Masood Jan, Ghulam Hassan, Iftikhar Hussain and Raziuddin. 2006. Combining Ability Analysis of Yield and Yield Components in Sunflower. Pakistan Journal of Biological Sciences 9(12): 2328-2332.
25. Sardar Ali, Hidayat-ur-Rahman, Raziuddin, S. Salim Shah and Ghulam Hassan. 2006.

Estimates of Variability and Genetic Advance for Fodder Traits in Two Maize Populations. *Pakistan Journal of Biological Sciences* 9(14): 2618-2623.

26. Hidayat Ullah, Iftikhar Hussain Khalil, Ghulam Hassan, Iltaf Ullah and Hidayat-ur-Rahman. 2006. Performance of local and exotic inbred lines of maize under agro-ecological conditions of Peshawar. *Sarhad J. Agric.* Vol. 22(3): 409-414.
27. Ghulam Hassan, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. *Wheat. Sarhad J. Agric.* Vol. 23(4): 937-942.
28. Ghulam Hassan, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. *Wheat. Sarhad J. of Agric.* Vol. 23(4): 937-942.
29. Iftikhar Hussain Khalil, Sultan Akbar Jadoon and Ghulam Hassan. 2008. Effect of Forage Clipping on Grain Yield and Associated Traits on Winter Wheat in Northern Pakistan. *Sarhad J. Agric.* Vol. 24(3): 423-427.
30. Ghulam Hassan, Fida Mohammad, Salim Shah Afridi and Iftikhar H. Khalil. 2007. Combining ability in the F₁ generation of diallel cross for yield and yield components in wheat. *Wheat. Sarhad J. of Agric.* Vol. 23(4): 937-942.
31. Iftikhar Hussain Khalil, Sultan Akbar Jadoon and Ghulam Hassan. 2008. Effect of Forage Clipping on Grain Yield and Associated Traits on Winter Wheat in Northern Pakistan. *Sarhad J. Agric.* Vol. 24(3): 423-427.
32. Raziuddin, Z.A. Swati, J. Bakht, Farhatullah, N.U. Khan, M. Shafi, M. Akmal and G. Hassan. 2010. In situ assessment of morph-physiological responses of wheat genotypes to drought". *Pak. J. Bot.* 42(5): 3183-3195. (Impact Factor = 0.106)
33. Naushad Ali Turi, Raziuddin, Farhatullah, N.U. Khan, Ghulam Hassan, Jehan Bakht, Sajid Khan and M. Shafi. 2011. Combining ability for yield related traits in *Brassic Juncea*. *Pak. J. Bot.* 43(2): 1241-1248. (Impact Factor = 0.106)