

Dr. Md. Farid Hossain



Professor (Agriculture) and Dean

School of Agriculture and Rural Development (SARD)
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Area of Specialization and Research Interest

Agronomy, Field crop production technology, Aromatic rice production, Media program, Open & distance learning

Educational Qualification

- Bachelor of Science in Agriculture (1990)
- Master of Science (MS) in Agronomy (1995)
- Doctor of Philosophy (PhD) (2008)

Present Responsibilities/Duties

- Preparation of Agricultural teaching materials (Lecture, Books, Radio-TV programs) for different formal academic programs of SARD. Involves with academic and administrative activities as a Dean and member of different statutory bodies/committees of BOU.
- Dean, School of Agriculture and Rural Development of Bangladesh Open University.
- Member: Board of Governors (BOG), Academic council, School committee (SARD & Open School), Academic planning committee, University Disciplinary Committee and Works committee of Bangladesh Open University.

Professional Experience

- **Professor (Agriculture)**, School of Agriculture and Rural Development (SARD), Bangladesh Open University (BOU): 2013 to date
- **Associate Professor (Agriculture)**, SARD, BOU: 2010-2013
- **Associate Professor (Agronomy)**, Hajeer Mohammad Danesh Science and Technology University (HSTU), Dinajpur: 2008-2010
- **Assistant Professor (Agronomy)**, HSTU, Dinajpur: 2004-2008
- **Lecturer (Agronomy)**, HSTU, Dinajpur: 1997-2004
- **Farm Superintendent (Farm Division)**, HSTU, Dinajpur: 1996-1997

Research Experience (My Thesis work)

- M.S. Thesis entitled ' **Effect of age of seedling and method of transplanting on the yield of aus rice (BR 26)**'.
- PhD Thesis entitled ' **Improving the yield and quality of aromatic rice through manipulation of cultural practices**' as a PhD Fellow of Bangladesh University grants Commission (UGC).

Completed major project works (As a Project Director/ Principal Investigator)

- Response of local and modern aromatic rice varieties to fertilizers, Ministry of Science and Information and Communication Technology. Bangladesh (2010)

- Evaluation of yield and quality performance of modern aromatic rice varieties under Dinajpur condition, UGC through HSTU, Dinajpur. Bangladesh (2009)
- Study on the yield and quality performance of local aromatic rice varieties of Bangladesh, Ministry of Science and Information and Communication Technology. Bangladesh (2008)
- Influence of planting date, planting method and fertilizer on the quality of aromatic rice, Ministry of Science and Information and Communication Technology. Bangladesh (2005)

Participation in National and International Training/ Workshop/Conference

- International Training Workshop on Safe grain Production (2016), organized by Ministry of Science & Technology, P.R. China Shenyang Agricultural University, Liaoning, P.R. China
- International Workshop on Desertification Combating & Biodiversity Protection in Arid Regions (2015), organized by Ministry of Science & Technology, P.R. China Gansu Desert Control Research Institute, Gansu, P.R. China
- International Conference on Forests, Soil and Rural Livelihoods in a Changing Climate (2014), organized by Kathmandu University, Norwegian University of Life Sciences, Norway; Department of Forest Research and Survey, Nepal; Agroforestry Foundation and Forest Action Nepal.
- International Training Workshop on Technology of Combating Desertification (2013), organized by Ministry of Science & Technology, P.R. China Gansu Desert Control Research Institute, Gansu, P.R. China
- Interweaving of ICT with Open & Distance Learning (2012), organized by National Institute of Open Schooling (NIOS), India & BOU
- Country Consultation on Professionalizing Youth Work (2012), organized by Department of Youth Development and Commonwealth Youth Programme (CYP).
- Bangladesh Youth Forum- Voice of the Youth, organized by Department of Youth Development, Bangladesh
- e-Learning (2012), organized by Korean International Cooperation Agency (KOICA) & BOU
- Creative Methodology of Teaching & Learning (2011), organized by Bangladesh Open University
- Tutor Training Workshop (2011), organized by Bangladesh Open University in collaboration with Commonwealth of Learning, Canada
- SAARC Workshop on-Multimedia Programme Development (2011), organized by Bangladesh Open University (Co-sponsors: Ministry of Education, UGC & Commonwealth of Learning, Canada).
- Cereal Seed Processing and Preservation (2009), organized by Ministry of Agriculture and DANIDA
- Seed Quality Control (2009), organized by Ministry of Agriculture and DANIDA
- Induction Training (1998), organized by Bangladesh Agricultural Research Institute (BARI)

List of Publications

Author

- **Monograph: Aromatic Rice** (ISBN-9783844398229)
- **Book: Agricultural Science (in Bengali)**, HSC Program, Bangladesh Open University.
- **Research Publications:** Published 46 articles in leading National and International journals, Proceedings.

Complete list of publications

1. S. M. E. Hassan, M. Sq. Rahman, **M.F. Hossain**, M. R. Amin and M. M. Alam. 2000. Evaluation of Planting Density and Nitrogen on the Performance of Kaon [*Setaria italica* (L.) Beauv]. Pakistan J. Biol. Sci. 3 (11): 1863- 1864.
2. **M.F. Hossain**, M.S.U. Bhuiya and M.A. Hasan. 2001. Effect of Age of Seedling and Method of Transplanting on the Yield and Yield Components of Aus rice. Bangladesh J. Agril. Sci. 28 (2): 359-365.
3. **M.F. Hossain**, M.S. Bari, U.K. Majumder, M. M. Bahdur and M.J. Islam 2002. Effect of Tillage, Raking and Weeding on the Growth, Yield and Economics of *Aus* Rice (cv. BR 20). Pakistan J. Agron.1 (2-3):68-70.
4. M.S.H. Khan, M.J. Abedin Mian, A. Akhter, **M. F. Hossain** and M.S. I. Sikder. 2002. Effect of Long Term Fertilization and Cropping on Micronutrient Actions of Soils in Bangladesh. Pakistan J. Biol. Sci.5 (5): 543-544.

5. M. S. Akter, M. A. Matin, **M.F. Hossain**, U.K. Majumder and S. C. Halder. 2003. Effect of Tillage Practices and Nitrogen Rates on the Nitrogen content and Nitrogen Uptake in Rice var. Binasil. Pakistan J. Biol. Sci. 6 (14): 1202-1204.
6. M.S. Akter, **M.F. Hossain**, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2003. Effect of Tillage Practices and Nitrogen Rates on the Organic Matter (%) and N (%) Content in Soil. Pakistan J. Biol. Sci. 6(24): 2017-2019.
7. **M.F. Hossain**, M.S. Akter, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2004. Effect of Tillage Practices and Nitrogen Levels on the Physical Properties of Soil. Pakistan J. Biol. Sci. 7 (11):1876-1879.
8. **M.F. Hossain**, M.A. Kabir, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2005. Influence of Irrigation and Nitrogen Level on the Yield of Wheat. Pakistan J. Biol. Sci. 8(1):152-155.
9. **M.F. Hossain**, M. S. U. Bhuiya and M. Ahmed. 2005. Morphological and agronomical attributes of modern and some local and aromatic rice varieties of Bangladesh. Asian J. Plant Sci. 4 (6):664-666.
10. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2005. Influence of transplanting date on the yield attributes and field duration of aromatic rice varieties during T. *aman* season. Bangladesh J. Crop Sci. 16 (2):269-275.
11. M.A. Salam, M.K. Alam, M.R. Amin and **M. F. Hossain**. 2005. Effect of age of seedling and spacing on the performance of BRRI dhan32. Bangladesh J. Agril. Sci. 32 (2): 227-232.
12. K.C. Roy, M.S. Zaman, M. A. Salam, M.S. Bari and **M.F. Hossain**. 2006. Performance of multipurpose trees and field crops under different management practices in an agroforestry system. J. Natn. Sci. Foundation Sri Lanka 34(1): 15-19.
13. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2006. Influence of planting method on the yield and yield attributes of aromatic rice. Bangladesh J. Crop Sci. 17(1): 87-91.
14. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2006. Effect of organic and inorganic fertilizer on the yield and yield attributes of aromatic rice. Bangladesh J. Agric. and Environ. 2(2): 63-68.
15. **M. F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2007. Chemical and physical properties of aromatic rice varieties as influenced by transplanting date in transplant *aman* season. J. Natn. Sci. Foundation Sri Lanka 35(2): 127-132.
16. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2006. Influence of planting method on the yield and physicochemical properties of aromatic rice. Thai J. Agril. Sci. 39 (1&2):45-50.
17. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.S. Bari. 2007. Influence of storage structure and storage duration on the seed quality of aromatic rice Bangladesh J. Seed Sci. & Tech. 11 (1&2):81-84.
18. **M.F. Hossain**, M.S. Islam, M.M. Rahman, M.O. Faruq and M.G. Ershad. 2008. Yield and quality performance of some aromatic rice varieties of Bangladesh. J. Agrofor. Environ. 2(2):155-158.
19. **M.F. Hossain**, Bhuiya M.S.U. and Ahmed, M. 2008. Effect of harvesting time on the yield and quality of aromatic rice seeds. Bangladesh J. Seed Sci. & Tech. 12 (2):203-206.
20. **M.F. Hossain**, and M.S.I. Sikdar. 2009. Performance of aromatic rice varieties under different transplanting date in *aman* season. J. Agrofor. Environ. 3(1):41-44.
21. M.M. Aktar, M.A. Rahman and **M.F. Hossain**. 2009. Influence of planting methods and weed control measures on the yield and yield attributes of aromatic rice in *aman* season. 2009. J. Agrofor. Environ. 3(1):53-56.
22. **M.F. Hossain**, M.O. Faruq and M.M. Aktar. 2009. Performance of local aromatic rice varieties under different fertilizer management practices. J. Agrofor. Environ. 3(1):81-84.
23. **M.F. Hossain**, Bhuiya M.S.U. and Ahmed, M. 2007-2008. Physicochemical and nutritional quality of some local and modern aromatic rice of Bangladesh. J. Nutr. 20-21:57-61.
24. M.M. Aktar, M.A. Rahman and **M.F. Hossain**. 2009. Influence of planting methods and weed control measures on the weed population and dry weight. 2009. J. Agrofor. Environ. 3(1):159-162.
25. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2009. Effect of harvesting time on the milling and physicochemical properties of aromatic rice. Thai J. Agril. Sci. 42 (2):91-96.
26. **M.F. Hossain**, M.S.U. Bhuiya² and M. Ahmed. 2009. Inter-Relationship among quality characters in aromatic rice. 2009. J. Agrofor. Environ. 3(2):9-10.
27. **M.F. Hossain**, M.F. Hossain, M.A. Hasan and M.O. Faruq. 2009. Effect of Mixed Fertilizer on the Yield and Yield Attributes of Rice. 2009. J. Agrofor. Environ. 3(1):47-48.

28. **M.F. Hossain**, M.S.U. Bhuiya, M. Ahmed S.K. Biswas and N. Ferdous. 2009. Changes in the milling and physicochemical properties of aromatic rice with aging under different storage structure. *J. Agrofor. Environ.* 3(2):117-119.
29. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2009. Effect of organic and inorganic fertilizer on the milling and physicochemical properties of aromatic rice. *Thai J. Agril. Sci.* 42 (2):91-96.
30. **M.F. Hossain**, M.A. Hasan, R. Fancy and M.H.A. Amin. 2010. Feasibility of using poultry litter with local aromatic rice in *aman* season. 2009. *J. Agrofor. Environ.* 4(1):121-123.
31. **M.F. Hossain**, M.A. Hasan and M.H.A. Amin. 2010. Performance of Modern Aromatic Rice (cv. BRRI dhan50) under Different Fertilizer Management Practices in *boro* Season. *J. Agrofor. Environ.* 4(1):147-149.
32. **M.F. Hossain**, M.A. Hasan, R. Fancy and U.K Majumder. 2010. Influence of cow dung, poultry litter and chemical fertilizers on the yield of modern aromatic rice varieties in *aman* season. *J. Agrofor. Environ.* 4(1):189-191.
33. **M.F. Hossain**, M.A. Hasan, U.K Majumder and R. Fancy. 2010. Performance of Basmati and Banglamati aromatic rice by using poultry litter, cow-dung and chemical fertilizers in *boro* season. *J. Agrofor. Environ.* 4(2):147-149.
34. **M.F. Hossain**. 2014. Impact of Fertilizers on the Seed Quality of Aromatic Rice. *J. Agril. Sci.* 6 (6):35-40.
35. **M.F. Hossain**. 2014. Impact of Climate Change in Bangladesh: Rainfall. *International J. Agric. Innovations and Res.* 2(5):860-863.
36. **M.F. Hossain**. 2014. A study of banana production in Bangladesh: Area, yield and major constraints. *ARNP J. Agril. & Biol. Sci.* 9 (6):206-210.
37. **M.F. Hossain**. 2014. Forest and Land Degradation in Bangladesh. Proceedings: International Conference on 'Forests, Soil and Rural Livelihoods in a Changing Climate' on 27-30 September, 2014. Katmandu University, Katmandu, Nepal. 1-13 p.
38. **M.F. Hossain**. S. Akhtar and M. Anwar. 2015. Nutritional Value and Medicinal Benefits of Pineapple. *Inter. J. Nutrition and Food Sci.* 4(1): 84-88.
39. **M.F. Hossain**. 2015. Declining Productivity of Agricultural Land in Bangladesh. *Journal of Agroecology and Natural Resource Management.* 2(1):25-30.
40. **M.F. Hossain**. 2015. Agricultural Education in Bangladesh Open University. *The Online Journal of Distance Education and e-Learning (TOJDEL).* 3(3):1-6.
41. **M.F. Hossain** and M. A. Islam. 2015. Utilization of Mangrove Forest Plant: Nipa Palm (*Nypa fruticans* Wurmb.). *American Journal of Agriculture and Forestry.* 3(4): 156-160.
42. **M.F. Hossain** and M. A. Islam. 2015. Bangladesh Open University Educating People through Distance Mode. *Int. J. Educ. Stud.* 02 (01):37-43.
43. **M.F. Hossain**. S. Akhtar and M. Anwar. 2015. Health hazards posed by the consumption of artificially ripened fruits in Bangladesh. *International Food Research Journal.* 22(5): 1755-1760.
44. **Md. Farid Hossain**, Mustafa Anwar, Shaheen Akhtar, Sharkar Md. Numan. 2015. Adverse effects on health posed by consumption of Areca nut (*Areca catechu* L., family: Palmaceae). *Int. J. Community Med. Public Health.* 2(4): 357-360.
45. **Hossain M.F.**, Islam M.A. and Numan S.M. 2015. Multipurpose Uses of Bamboo Plants: A Review. *International Research Journal of Biological Sciences.* 4(12): 57-60.
46. **Hossain M.F.**, Islam M.A., Akhtar, S. and Numan S.M. 2016. Nutritional value and medicinal uses of Monkey Jack fruit (*Artocarpus lakoocha*). *International Research Journal of Biological Sciences.* 4(12): 57-60.

Member of professional society

- Bangladesh Society of Agronomy (BSA), Weed Science Society of Bangladesh (WSSB), Bangladesh Association for Advancement of Science (BAAS).