

Name Dr. Md. Moinul Haque
Date of Birth 27-02-1968
Sex M/F Male
Position held Professor
 Department of Agricultural Botany, Sher-e-Bangla Agricultural University Dhaka-1207

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Academic degree held:

Subject	Name of Degree	Board/ University	Country	Class/Grade	Year of Graduation
Bangla, English, Math, Physics, Chemistry, Biology	S.S.C. (Science Group)	Jessore	Bangladesh	1st	1984
Physics, Chemistry, Math, Biology	H.S.C. (Science Group)	Jessore	Bangladesh	1st	1986
Agriculture	B. Sc. Ag. (Hons.)	Bangladesh Agril. University, Mymensingh	Bangladesh	1st (18th position)	1990 (held in 1993)
Agriculture (Crop Botany)	Graduate level M.S. in Crop Botany	Bangobundhu Sheikh Mugibur Rahman Agril. University, Gazipur	Bangladesh	1st (GPA 4.0 out of 4.0)	2001
Agriculture (Crop Botany)	Ph D ^o	Bangladesh Agril. University, Mymensingh	Bangladesh	-	2014

^oon eco-physiology of hybrid rice

Previous experience:

- i) Lecturer (Teaching and research) From 30.01.1995 -24.05.2004
- ii) Assistant Professor (Teaching, research and supervisor) 25.05.2004 - 23.10.2009
- iii) Associate Professor (Teaching, research and supervisor) 24.10.2009 – 28.05.2014
- iv) Professor (Teaching, research and supervisor) 29.05.2014 - till date
- v) Twenty seven years (29) research experiences in the field of Rice Eco-Physiology and Biotechnology. Skilled on leaf nitrogen and chlorophyll analysis, and handling portable photosynthesis analyzer

Field of Interest: Eco-physiology of rice

Memberships:

- (a) Life member (Associate) - Plant Breeding and Genetics Society of Bangladesh.
- (b) Member - Horticulturists Association of Bangladesh.
- (c) Member - Bangladesh Agronomy Society.
- (d) Member - Krishibid Institutions of Bangladesh.
(Agriculturist Association of Bangladesh)
- (e) Associate Member - Bangladesh Botanical Society

Research Project:

Position	Title of the Project	Duration	Funding Agency
1. Principal Investigator	Effect of light intensity on the morpho-physiology and yield of three selected cucurbits	2007-2008	SAURES, SAU Dhaka
2. Principal Investigator	Effect of seasonal variation on morpho-physiological parameters and yield of hybrid rice	2008-2009	MOST Bangladesh
3. Associate Investigator	High temperature injury in hybrid rice at reproductive phase and strategy to avoid it	2011-2012	MOST Bangladesh
4. Principal Investigator	Source capabilities and yield of hybrid rice	2012-2013	UGC Bangladesh
5. Principal Investigator	Physiological causes of unstable grain yield in hybrid rice	2012-2013	MOST Bangladesh
6. Principal Investigator	Manipulation of spikelet fertility through nutrient management for yield improvement in hybrid rice	2014-2015	MOST Bangladesh
7. Associate Investigator	Physiological behaviour and yield performance of hybrid rice varieties in aerobic and anaerobic conditions	2015-2016	MOST Bangladesh
8. Associate Investigator	Improvement of yield in hybrid rice varieties through the manipulation of stem reserve remobilization and filled-grain percentage by plant growth regulator and foliar fertilization	2016-2017	MOST Bangladesh
9. Associate Investigator	Susceptibility and recovery potential of hybrid rice varieties to moisture stress at different growth stages	2017-2018	MOST, Bangladesh
10. Principal investigator	Phenophase-based nitrogen and zinc scheduling for agronomic zinc bio-fortification and improving indices of hybrid rice	2018-2019	MOST, Bangladesh
11. Associate Investigator	Productivity improvement and grain bio-fortification of aromatic rice by supplying zinc nutrition in different production systems	2019-2020	MOST, Bangladesh
12. Principal Investigator	Yield improvement and grain bio-fortification of aromatic rice through zinc fertilization	2020-2021	SAURES, SAU Dhaka
13. Associate Investigator	Improvement of the content and uptake of microelements in hybrid rice through nitrogen and sulphur supplementation	2020-2021	MOST, Bangladesh

12.Principal Investigator	Effect of phosphorus and zinc co-fertilization on dry-matter accumulation and zinc bio-fortification in grain of coarse and fine rice	2022-2023	SAURES, SAU Dhaka
13.Principal Investigator	Agro-meteorological indices in relation to phenology, dry-matter partitioning behaviour and yield of fine rice under different crop growing environment	2023-2024	MOST, Bangladesh
14.Principal Investigator	Effect of phosphorus and zinc co-fertilization on dry-matter accumulation and zinc bio-fortification in grain of coarse and fine rice	2023-2024	SAURES, SAU Dhaka

Degree Offering Research:

Position	M.S. Offered/ Enrolled
Supervisor	50
Co-Supervisor	57

Publications : Full length paper 33 and short communication 01 (Total: 37)

List of Publications

1. Hossain S. M. M., Mian I. H., Islam A. T. M. S. and **Haque M. M.** 1999. Organic amendment of soil to control root-knot nematode (*Meloidogyne graminicola*). *Bangladesh J. Sci. Ind. Res.*, 34(3-4): 385-390.
2. Hasan M. A., **Haque M. M.**, Islam A. T. M. S. and Islam M. N. 1999. Studies on the Planting Date and Harvesting Methods Influencing Yield and yield components of two summer mungbean cultivars. *Bangladesh J. Sci. Ind. Res.*, 34(3-4): 348-352.
3. **Haque M. M.**, Islam A. T. M. S., Hossain S. M. M., Hasan M. A. and Alam M. S. 1999. Growth and yield performance of thirty genotypes of sweet potato. *J. Asiat. Soc. Bangladesh Sci.*, 25(2): 189-196.
4. **Haque M. M.**, Islam A. T. M. S., Taleb M. A. and Farooque M. A. 2000. Effect of planting time and growth regulator on the growth and yield of tomato. *Bangladesh J. Agril. Res.*, 25(1): 121-128.
5. **Haque M. M.**, Alam M.S. and Amin M.R. 2000. Influence of mungbean intercropping on soil organic matter and yield attributes of *Aus* rice (Short Com.). *Bangladesh J. Sci. Tech.*, 2(2): 279-284.
6. **Haque M. M.**, Islam A. T. M. S, Alam M. S. and Goffer M. A. 2000. Effect of mixed cropping on the performance of foxtail millet and *Aus* rice at varying seeding ratios, *Bangladesh J. Agril. Res.*, 25(3): 473-482.
7. **Haque M. M.**, Islam A. T. M. S, Alam M. S. and Islam M. N. 2001. Effect of planting time on yield and quality of selected summer mungbean cultivars. *Bangladesh J. Agril. Res.*, 26(1): 7-14.
8. **Haque M. M.**, Islam A. T. M. S., Sikder S. and Alam M. S. 2001. Effect of planting time and application of kinetin on the yield and yield components of tomato. *Bangladesh J. Agril. Res.* 26(4): 479-485.
9. Islam M.J., Haque M.Z., Majumder U.K., **Haque M. M.** and Hoassin M.F. 2002.growth and yield potential of nine selected genotypes of sweet potato. *Pakistan J. Biol. Sci.*, 5(5): 537-538.

10. Hossain M.F., Majumder U.K., Mondol M.A.S., Haque M.Z and **Haque M. M.** 2003. Fertilizer requirements for grafted tomato. *Pakistan J. Biol. Sci.* 6(3): 242-245.
11. Sikder S., Halder B.C., Hossain S.M.M., **Haque M. M.** and Bahadur M. M. 2003. Effect of nitrogen and seed rate on phenology, dry matter accumulation and grain yield of proso-millet. *J. Sci. Tech.*, 1: 25-28.
12. Islam A.T.M.S., **Haque M. M.**, Hasanuzzaman M. and Alam M. S. 2003. Genetic variation and inter-relationships of morpho-physiological traits in wheat. *Bangladesh J. Agril. Res.*, 28(3): 371-376.
13. Sikder S., Ahmed J. U., **Haque M. M.**, Hasan M.A. and Bahadur M. M. 2004. Mobilization of seed reserves in wheat varieties as influenced by temperature regimes. *J. Sci. Tech.*, 2: 29-33.
14. **Haque M. M.**, Ahmad J. U., Hasan M.A. and Rahman M. S. 2005. Effect of light level on the growth and yield of cucumber. *J. Agric. Rural Dev.* 3(1&2): 82-87.
15. Bahadur M. M., Kabir M. A., Hasan M. A., **Haque M. M.** and Sikder S. 2005. Effect of different storage containers on seed quality and yield of chickpea. *J. Sci. Tech.*, 3: 24-27.
16. **Haque M. M.**, Ahmed J. U., Sikder S., Islam M. S. and Bahadur M. M. 2005. Effect of light intensity on the phenology, dry matter accumulation, nitrogen content and yield of sponge gourd. *J. Sci. Tech.*, 3: 55-58.
17. **Haque M. M.**, Ahmad J.U. and Islam M. M. 2005. Effect of different light levels on the morpho-physiology and yield of sponge gourd. *Ins. J. Sustain Agril. Tech.* 1(5): 11-15.
18. Hasan M. A., Ahmed J.U., Bahadur M. M., **Haque M. M.** and Sikder S. 2007. Effect of late planting heat stress on membrane thermostability, proline content and heat susceptibility index of different wheat cultivars. *J. Natn. Sci. Foundation Sri Lanka*, 35(2): 109-117.
19. **Haque M. M.**, Mirza Hasanuzzaman and Rahman M. L. 2009. Morpho-physiology and yield of cucumber (*cucumis sativa*) under varying light intensity. *Academic J. Plant Sci.* 2(3): 154-157.
20. **Haque M. M.**, Mirza Hasanuzzaman and Rahman M. L. 2009. Effect of light intensity on the morpho-physiology and yield of bottle gourd. *Academic J. Plant Sci.*, 2(3): 158-161.
21. **Haque M. M.**, Ahmed J.U. and Miah M. G. 2009. Effect of reduced light intensities the morpho-physiology and yield of cucumber. *J. Sher-e-Bangla Agril. Univ.*, 3(1): 9-14.
22. **Haque M. M.** and Ahmed J.U. 2010. Morpho-Physiological changes and yield performance of yard long bean under reduced light levels. *J. Sher-e-Bangla Agril. Univ.*, 4(2): 88-93.
23. Mahamud J. A., Shamsuzzaman A.M.M., **Haque M. M.** and Islam M.M. 2011. Growth and yield of T Aman rice as affected by variety and seedling number. *J. Sher-e-Bangla Agric. Univ.*, 5(2): 28-29.
24. Islam M.S., Akther M.S., **Haque M.M.**, Islam M.S. and Saneokaoka H. 2011. Influence of plant population and weed management periods on crop-weed competition of groundnut. *J. Sher-e-Bangla Agric. Univ.*, 5(1): 26-34.
25. Mahmud J.A., **Haque M. M.** and Shamsuzzaman A.M.M. 2012. Performance of modern inbred and some selected hybrid rice varieties in aman season. *J. Expt. Biosci.*, 3(2): 20-24.
26. Mahmud J.A., **Haque M. M.** and Husanurzzaman M. 2013. Growth, dry matter production and yield performance of transplanted aman rice varieties influenced by seedling densities per hill. *Inter. J. Sust. Agric.*, 5(1): 16-24.
27. Hosain M.T., Ahamed K.U., **Haque M. M.**, Islam M.M. and Mahmud J.A. 2014. Performance of Hybrid Rice (*Oryza sativa* L.) Varieties at different transplanting dates in Aus season, *App. Sci. Report.* 11(1):1-4.
28. **Haque M. M.**, Pramanik H. R. and Biswas J K. 2014. A comparative analysis on performance of hybrid and inbred rice in Boro season. *J. Sher-e-Bangla Agric. Univ.*, 5(1): 20-25.

29. **Haque M. M.**, Pramanik H.R. and Biswas J. K., Iftekharuddaula K.M., Mirza Hasanuzzaman 2015. Comparative performance of hybrid and elite inbred rice varieties with respect to their source-sink relationship. *The Scientific World J.*, : 1-11.
30. Iftekharuddaula K.M., Ghosal S., Gonzaga Z. J., Amin A., Barman H. N., Yasmeen, R. **Haque M. M.**, 2015. Allelic diversity of newly characterized submergence-tolerant rice (*Oryza sativa* L.) germplasm from Bangladesh, *Genet. Resour. Crop Evol.*, 62(6): (DOI 10.1007/s10722-015-0289-4)
31. Sarkar S. C., Akter M., Islam M. R., **Haque M. M.**, 2016. Performance of five selected hybrid rice varieties in *Aman* season. *J. Plant Sci.*, (2): 72-79 (doi: 1011648 j. jps 20160404.13)
32. Akter M, Sarkar S. C., Islam M. R., **Haque M. M.**, 2016. Source-sink relationship and yield performance of hybrid rice varieties in *Boro* season. *Inter. J. Agril. Environ. Sci.*, 1(3): 39-48
33. Junnat T., **Haque M. M.** , Hossain M. E., Hossain M. T., Nizam R. and Islam M. M., 2017. Evaluation of growth performance of some rice varieties in relation to their economic yield. *Asian Res. J. Agric.*, 7(2): 1-8
34. Rahman M.S., **Haque M. M.** and Ahamed K. U., 2018. Effect of soil enhancer (XXL) on the growth and developmental attributes of BRRIDhan 29 and Hybrid Dhan Taj-1 cultivars of rice in *Boro* season. *Inter. J. Plant Soil Sci.*, 22(3): 1-14
35. Ranu S.A., Islam M. S., **Haque M. M.**, Siddika M. and Rahman M.M. 2020. Effect of growth stimulator on the yield of hybrid rice varieties in *Boro* season, *Inter. J. Biosci.*, 16(1):96-106
36. Bithy P.A., Ahamed K. U., **Haque M. M.**, Akter N. Islam M. S. and Siddika M. 2020. Effect of transplanting geometry on the yield of scented fine rice varieties in *Aman* season, *Inter. J. Biosci.*, 16(4):46-55
37. Islam M. S., **Haque M. M.**, Ahamed K. U., Bithy P.A. and Ranu S.A. 2021. Physiological behaviour and yield contribution of *Oryza sativa* under different cultivation system in *Boro* season. *Ann. Res. Rev. Bot.*, 36(3): 10-18