

**Farid Ahmed**  
Horticulture Division  
**Bangladesh Institute of Nuclear Agriculture (BINA)**  
BAU Campus, Mymensingh-2202, Bangladesh  
Cell Phone: +88-01712-615511  
E-mail: [farid@bina.gov.bd](mailto:farid@bina.gov.bd) and [faridbina.hort@gmail.com](mailto:faridbina.hort@gmail.com)



### **RESEARCH INTEREST**

Abiotic & Biotic Stress Tolerance in Horticultural Crops, Plant Biotechnology, Molecular Plant Breeding, Mutation Breeding, Molecular Biology and Plant pathology.

Name : Farid Ahmed  
Nationality : Bangladeshi  
Date of Birth : 25August1985  
Religion : Islam  
Marital Status : Married  
Mailing Address : Scientific Officer,Horticulture Division,  
Bangladesh Institute of Nuclear Agriculture (BINA), BAU  
campus, Mymensingh-2202, BANGLADESH  
Phone : +88– 091-67834 (Office)  
Mobile : +88-01712615511; +88-01612615511  
Email Address : faridbina.hort@gmail.com; farid@bina.gov.bd

### **EDUCATIONAL BACKGROUND**

Name of the Examination/ Degree	Passing year	Board/University	GPA/ Division
MS in Horticulture	2016	Bangladesh Agricultural University	3.876 (Out of 4)
MS in Plant Pathology	2009	Bangladesh Agricultural University	3.953 (Out of 4)
Bachelor of Science in Agriculture	2007	Bangladesh Agricultural University	3.616 (Out of 4)
Higher Secondary Certificate (HSC), Study area: Science	2002	Dhaka	First Division
Secondary School Certificate (SSC), Study area: Science	2000	Dhaka	First Division

### **EMPLOYMENT RECORDS**

- **Senior Scientific officer** (January 2020 – present), Horticulture Division, Bangladesh Institute of Nuclear Agriculture (BINA), BAU Campus, Mymensingh-2202, Bangladesh.

- **Scientific officer** (September 2014 – December 2019), Horticulture Division, Bangladesh Institute of Nuclear Agriculture (BINA), BAU Campus, Mymensingh-2202, Bangladesh.
- **Researcher** (January - June 2009), “Environment friendly control of Foot root disease of Lentil and Chickpea” project of UGC (University Grand Commission), Department of Plant Pathology, BAU, Mymensingh, Bangladesh
- **Officer** (November 2010 – August 2014), Bangladesh Krishi Bank, Regional Office, Sunamgong, Bangladesh

## **PUBLICATIONS**

1. Rahman MM, Rabbani MG, **Ahmed F**, Islam MZ and Sarkar MJ. 2022. “Molecular Characterization of Sixty Local Mango Germplasm of Chapainawabganj”. Agricultural Sciences, (Accepted; Impact Factor 1.19\*).
2. **Ahmed F**, Hasna MK and Emon RM. 2021. “Ecofriendly Disease Management of Lentil (*Lens culinaris*) Seedlings”. Agricultural Sciences, 12:1555-1564. (Impact Factor 1.19\*).
3. Hasna MK, Kashem MA and **Ahmed F**. 2020. “Use of Trichoderma in Biological Control of Collar Rot of Soybean and Chickpea”. International Journal of Biochemistry Research & Review, 29(9): 25-31.
4. **Ahmed F**, Rabbani MG, Islam R, Rahman MM, Malek MA and Emon RM. 2019. "Molecular Characterization of Some Brinjal Genotypes (*Solanum melongena*) Using SSR Markers". African Journal of Agricultural Research. 14(35):1980-1989. (Impact: 0.51 \*).
5. **Ahmed F**, Hasna MK, Akter MB, Mandal MTR and Nabi KMY. 2019. Ecofriendly Management of Seedling Diseases of Chickpea (*Cicer arietinum*). International Journal of Biochemistry Research & Review. **28(1)**: 1-9.
6. **Ahmed F**, Mondal MMA and Akter MB. 2019. Organic fertilizers effect on potato (*Solanum tuberosum* L.) tuber production in sandy loam soil. International Journal of Plant & Soil Science. Article no.IJPSS.50614. **29(3)**: 1-11.
7. Mondal MMA, **Ahmed F**, Nabi KME, Noor MMA and Mondal MTR. 2019. Performance of organic manures on the growth and yield of red amaranth (*Amaranthus tricolor*) and soil properties. Research in Agriculture, Livestock and Fisheries. **6(2)**: 263-269.
8. Roy S, Roy DC, Noor MMA, Ghosh SR, **Ahmed F** and SushmoyDR. 2019. Binamasur-10, the first drought tolerant lentil variety registered in Bangladesh. Research in Agriculture, Livestock and Fisheries. **6(2)**: 253-262.
9. Karim MR, Mazumder NI, Sultana T, **Ahmed F**, Haque MS, Roy DC, Mondal MTR, Sushmoy DR and Noor MMA. 2019. Effect of nitrogen on growth, productivity and seed quality of long grain rice. Research in Agriculture, Livestock and Fisheries. **6(2)**: 279-287.

10. Mondal MTR, Haque MS, Hossain MM, **Ahmed F** and Nur MMA. 2019. Effect of spacing and levels of nitrogen on the growth and yield of potato. Journal of Bioscience and Agriculture Research (JBAR). Article ID: AJSCP 112. [Accepted]
11. MR Islam, MS Alam, S Tasmin, MNN Mazumder, **F Ahmed** and Mehadi MNH. 2019. Annual Report 2017-18. A Hand book. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202. 316-338.
12. MR Islam, MS Alam, MNN Mazumder, **F Ahmed** and Rajib MRR. 2019. Annual Report 2016-17. A Hand book. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202. 257-282.
13. **Ahmed F**, Razia S, Mazumder MNN, Nabi KME and Haque ME. 2018. Ecofriendly management of seedling diseases of summer mungbean (*Vignaradiata*). Journal of the Bangladesh Society for Agricultural Science and Technology. **15(1&4)**: 91-96.
14. Razia S, **Ahmed F**, Nabi KME, Noor MMA, Ghosh SR and Paul PC. 2018. Molecular characterization of ten rice (*Oryza sativa*) genotypes under salt stress. Journal of the Bangladesh Society for Agricultural Science and Technology. **15(1&4)**: 97-102.
15. Nabi KME, **Ahmed F**, Noor MMA, Razia S and Arifin MSA. 2018. Evaluation of plant extracts for controlling seed borne fungal diseases of brinjal. Journal of the Bangladesh Society for Agricultural Science and Technology. **15(1&4)**: 109-116.
16. Nabi KME, **Ahmed F**, Razia S, Ghosh SR and Arifin MSA. 2018. Reactions of soybean mutants to collar rot and mosaic disease. Journal of the Bangladesh Society for Agricultural Science and Technology. **15(1&4)**: 117-120.
17. MR Islam, AFM FirozHasan, MS Alam, MNN Mazumder and **F Ahmed**. 2018. New variety of Chilli- BINA Morich-1, A leaflet. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202.
18. MR Islam, MS Alam, MNN Mazumder, **F Ahmed** and AFM FirozHasan. 2017. New variety of Garlic- BINA Rasun-1, A leaflet. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202.
19. MA Malek, MI Uddin, MR Islam, MS Alam, MNN Mazumder, **F Ahmed** and AFM FirozHasan. 2017. New improved variety of Tomato- BINA Tomato-10, A leaflet. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202.
20. MR Islam, MS Alam, MNN Mazumder, **F Ahmed** and AFM FirozHasan. 2017. New improved varieties of Tomato- BINA Tomato-11 BINA Tomato-12, A leaflet. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202.
21. MR Islam, MS Alam, MNN Mazumder, S Tasmin, **F Ahmed**, AFM FirozHasan and MNH Mehedi. 2018. New improved varieties of seedless Lemon- BINALebu-1, A leaflet. Published by Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh-2202.

22. Mazumder MNN, Talukder MSU, **Ahmed F**, Rahman MH Akter T 2014. Crop planning for increasing cropping intensity based on rainfall and evapotranspiration of Chittagong district. Journal of the Bangladesh Society for Agricultural Science and Technology, **11(3&4):7-12**.
23. Chohan S, Hoque MI, Ghosh SR, Islam M, Akter MB, Nabi KME, Rahman MS, **Ahmed F**, Mondal MTR and Noor MMA. 2019. Influence of number of seedlings per hill on the performance of boro rice varieties. Proceedings of International Congress of the Turkish Journal of Agriculture – Food Science and Technology, 08-10 November 2019. Antalya, Turkey. Bildiri No. 3608.

### **PRESENT RESEARCH**

Currently I am involved as an Associate Investigator in the following research projects at BINA:

- ✓ Varietal improvement of vegetables using induced mutation and advanced techniques
- ✓ Varietal improvement of spices using induced mutation and advanced techniques
- ✓ Improvement of indigenous and exotic fruits through induced mutation and other advanced techniques
- ✓ Varietal improvement of flowers using induced mutation and advanced techniques

### **MS THESIS**

1. Molecular Characterization of Some Brinjal Genotypes (*Solanum Melongena*) Using SSR Markers
2. Ecofriendly Management of Seedling Diseases of Lentil, Chickpea and Summer Mungbean

### **TRAININGS & WORKSHOPS**

(a) In Country:

Name of Programme	Year	Duration		Organization
		Months	Days	
Molecular Techniques in crop improvement	2022	-	6	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh
Project Development and Management	2021	-	6	Bangladesh Agricultural Research Council (BARC), Dhaka
Introduction to GCF Modalities and Procedures	2020	-	5	BanaBhaban, Dhaka
Public Procurement Procedure	2019	-	10	National Agriculture Training Academy (NATA), Gazipur
Production & Post-Harvest Management of Horticultural Crops	2019	-	05	Bangladesh Agricultural Research Institute (BARI), Gazipur
Scientists Training on Open Source Software R	2019	-	05	Bangladesh Agricultural Research Institute (BARI), Gazipur
Mutation Breeding of Field and Horticultural Crops	2019	-	02	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh

Seed Health Management and Seed Quality Testing	2019	-	03	Bangladesh Agricultural Research Institute (BARI), Gazipur
Training of Trainers (TOT) on Improved Production Technology of Citrus Fruits	2018	-	03	Bangladesh Agricultural University (BAU) Germplasm Centre, Mymensingh
Research Methodology	2018	-	15	GTI, Bangladesh Agricultural University (BAU), Mymensingh
Innovation in Civil Service	2017	-	02	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh
Technical Report Writing and Editing	2017	-	05	Bangladesh Agricultural Research Council (BARC), Dhaka
Value Chain Management of Economically Important Horticultural Crops in BD	2017	-	04	National Agriculture Training Academy (NATA), Gazipur
Food Security	2017	-	05	National Agriculture Training Academy (NATA), Gazipur
Basics of MS office	2008	-	13	GTI, Bangladesh Agricultural University (BAU), Mymensingh

**(b) Abroad:**

Country	Year	Duration		Name of Programme
		Months	Days	
China	2018	-	12	Isotope Application in Agricultural Research

**REFERENCES**

Dr. Mirza Mofazzal Islam  
 Director General  
 Bangladesh Institute of Nuclear Agriculture (BINA),  
 Mymensingh-2202, Bangladesh  
 Cell Phone: +8801716280720  
 Email: mirza\_islam@yahoo.com

Dr. Md. Golam Rabbani  
 Professor  
 Department of Horticulture  
 Bangladesh Agricultural University,  
 Mymensingh-2202, Bangladesh  
 Cell Phone: +8801711885790  
 Email: [drmgrabani@gmail.com](mailto:drmgrabani@gmail.com)