

CURRICULUM VITAE

OF

Mohammad Abul Monsur

Contact Number: Cell Phone: +8801731049024,

E-mail: monsurpath@gmail.com



Contact with personal Profile:

Father's Name : Abdus Samad
Mother's Name : Ayesha Akter
Present Address: Senior Scientific Officer,
Plant Pathology Division,
Bangladesh Rice Research Institute (BRRI)
Gazipur, 1701, Bangladesh.

Permanent Address : C/O- Abdus Samad, Vill. - Kanchan,
P.O- Kanchan, P.S- Rupgonj,
Dist.-Narayangonj, Bangladesh

Date of Birth : 1 March, 1981

Marital Status : Unmarried

Height : 164 cm

Weight : 68 kg.

Nationality : Bangladeshi(by Birth)

Interest : Workshop, Seminar, Traveling, Music, Reading Book etc.

Blood group : O (+ve)

Passport number : E 0188747

Academic Background

Name of the Examination	Duration of Course	Board/ University	Year of Passing	Division/ Class
Masters of Plant Pathology	2 years	Saga University, Japan	March, 2015	Grade A
Master of Science in Plant Pathology	18 Months (3 semester)	Bangladesh Agricultural University, Mymensingh	December 2005	Grade A GPA 3.75 (out of scale 4.00)
Bachelor of Science in Agriculture B.Sc.Ag. (Hon's.)	4 Years	Bangladesh Agricultural University, Mymensingh	July,2004	First Class
Higher Secondary Certificate (H.S.C.)	2 Years	Dhaka	1997	First division
Secondary School Certificate (S.S.C.)	10 Years	Dhaka	1995	First division

Major Subjects studied at post graduate program:

- Plant Pathogenesis and Genetics of Plant Pathogens
- Epidemiology and Forecasting of Plant Diseases
- Methods in Plant Pathology
- Plant Disease Management
- Plant Bacteriology,
- Plant Virology
- Clinical Plant Pathology
- Phytopathological Research Methodology
- Disease Resistance
- Seed Pathology
- Integrated Disease Management
- Storage Microbiology of Foods and Feeds

Major Subjects studied at graduate (Bachelor of Science in Agriculture (Honors) program:

- Agronomy
- Soil Science
- Horticulture
- Plant Pathology
- Entomology
- Crop Botany
- Genetics and Plant Breeding
- Chemistry
- Bio-Chemistry
- Agricultural Chemistry
- Rural Sociology
- Agricultural Economics
- Statistics
- Agricultural Extension Education
- Animal Husbandry
- Farm Mechanics
- Agroforestry

List of Publications:

Peer reviewd

1. Latif MA ,Haque A , Tajul MI., **Monsur MA.** 2013. Interactions between the nematodes *Ditylenchus angustus* and *Aphelenchoides besseyi* on rice: population dynamics and grain yield Reductions. *Phytopathologia Mediterranea* 52(3): 490–500

Non Peer reviewed

1.**M.A.Monsur**,M.S.Hossain,J.A.Mahmud,K.Quais,A.Haque,K.Nahar. 2009. Effect of spacing,Dithane M-45 BAU-Biofungicide(*Trichoderma harzianum*) an anthracnose of soybean.Eco-friendly Agril.J.2(1):355-358.

2.Quais,M.K,A.Haque,**M.A.Monsur**,M M R Dewan,S Pramanik. 2009. Effect of Neem Mahogoni and Karanja oils for an oviposition, adult emergence and mortality of pulse beetle,(*Callosobruchus chinensis* linn). Intl. J. BioRes 6(2) :7-12.

3. M.N. Uddin, **M.A. Monsur**, M.K. Quais, A. Haque, SMHA Rabbi, MR Hasan. 2009. Effect of organic and inorganic fertilizers on the yield and yield contributing characters of two lemon varieties. *Eco-friendly Agril. J.* 2(2):414-419.
4. S. Pramanik, M.H. Akand, AKMM Uddin, MSA Talukder, MK Quais, **M.A. Monsur**. 2009. Effect of nitrogen and phosphorus on the yield of cabbage (*Brassica oleracea* var. *Capitata* L.) *Intl. J. BioRes* 6(2):46-50.
5. M.N. Uddin, SMHA Rabbi, **MA Monsur**, MR Hasan, MK Quais. 2009. Effect of organic and inorganic fertilizers on the vegetative growth of lemon. *Intl. J. Bio Res* 6(2):60-65
6. J.A. Mahmud, G. Azam, MQI. Matin, **M.A. Monsur** and M.A.A. Khan. 2009. Fungici associated with farmers saved wheat seed from rangpur district. *Eco-friendly agril. J.* 2(9):768-773.
7. M. Akter, M.A. Haque, **M.A. Monsur** M.K. Quais and H. Begum. 2009. Biological activity of celafloor against pulse beetle, *Callosobruchus maculatus* (FAB.). *Bangladesh J. entomol.* 19(1), 79-89.
8. SAJ Quazi, MAT Mia, **MA Monsur** and M Tuhina- Khatun. 2010. Evaluation of methods for sheath rot disease development in screening purposes. *Intl. J. Biores.* 8 (4):51-54.
9. SAJ Quazi, MA Ali, TH Ansari, **MA Monsur** and M Tuhina Khatun. 2010. Screening of suitable fungicides in controlling rice blast disease. *Eco-friendly agril. J.* 3(5):261-265.
10. SAJ Quazi, TH Ansari, S Akter M Tuhina Khatun and **MA Monsur**. 2010. Influence of soil amendment with organic silicon source on blast disease development. *Eco-friendly agril. J.* 3(6):266-270.
11. MH Rahman, MH Ali MM Khatun MJ Hasan and **MA Monsur**. 2010. Evaluation of some exotic advance hybrid rice lines with check varieties in Bangladesh condition *Eco-friendly agril. J.* 3(4):214-217.
12. MAI Khan, **MA Monsur**, MS Hossain, B Nessa, MAHB Bhuiyan, TH Ansari and MAT Mia. 2010. Evaluation of new chemicals against bacterial leaf blight disease of rice. *Eco-friendly agril. J.* 3(5):242-246.
13. Khan. MAI, M. S. Kabir, **M.A. Monsur**, M.A. Ali, and M.A.T. Mia. 2009. Pathogenic diversity of *Xanthomonas oryzae* pv. *Oryzae* in Bangladesh. *Bangladesh J. of plant Pathol.* 25(1&2): 1-6.
14. Saha A.K, I. Hossain, **M.A. Monsur**, M.K. Quais and M. Akter. 2009. Effect of amister and garlic extract in controlling purple blotch and storage disease of onion. *Bangladesh J. of plant Pathol.* 25 (1&2): 67-70.
15. SAJ Quazi, M.M. Rahman, S. Akter, M. Tuhina-Khatun and **M.A. Monsur**. 2009. Assessment of yield loss due to tungro in Bangladesh. *Bangladesh J. of plant Pathol.* 25 (1&2): 37-40.

List of Proceedings

1. S Akter, M. Tuhina-Khatun, **M.A. Monsur**, M.A. Latif, M.A. Ali and M.A.T. Mia, 2009. Evaluation of Fungicide against Bakanae disease of rice through seed treatment. Paper presented in The "Twenty First Bangladesh Science Conference" Organised by Bangladesh

Association for the Advancement of Science (BAAS) 18-20 February,2009.P.2.BARI, Gazipur, Bangladesh

2. Quazi. S and **Mohammed .M.** 2008.Assessing the effectiveness of silicon content materials against blast disease of rice. Published in “Silicon in Agriculture conference”. 4th International conference. 26-31 October,2008.P.87.South Africa.

Membership of professional group:

1. Bangladesh Phytopathology Society
2. Krishibid Institution of Bangladesh
3. BRRI Scientist Association
4. BRRI Officers Club

Participated in Training Programme:

Title	From	To	Sponsoring Agency
Pathogenecity of blast isolates from Bangladesh	January 5, 2012	March 31, 2012	JIRCAS, Tsukuba, Japan
Breeder Seed Production and Preservation of Rice	June14, 2009	June18, 2009	Bangladesh Rice Research Institute (BRRI)
Foundation Training Course for NARS Scientist	January 27, 2009	May 24, 2009	Bangladesh Agricultural Research Council (BARC)
Research Methodology	Nov15, 2008	Nov 27, 2008	Bangladesh Agricultural Research Council (BARC)
1- Month Rice Production Training Course	July 27, 2008	August 25, 2008	Bangladesh Rice Research Institute (BRRI)
Hybrid Rice Development and Seed Production	April 6, 2008	April10, 2008	Bangladesh Rice Research Institute (BRRI)

Professional Background:

Post Hold	Organization	Duration
Senior Scientific Officer, Plant Pathology Division	Bangladesh Rice Research Institute,Gazipur-1701	November 2012 to still
Scientific Officer, Plant Pathology Division	Bangladesh Rice Research Institute,Gazipur-1701	From November 2007 to November,2012
Scientific Officer, Plant Pathology Division	Bangladesh Agricultural Research Institute,Gazipur-1701	From July 2007 to November 2007

Field of specialization

I am working as a scientific officer in Plant Pathology Division in Bangladesh Rice Research Institute . I have done many research activities on different aspect of plant

disease such as disease diagnosis, isolation techniques, and different types of media preparation, single conidia culture of *Pyricularia grisea* and its long term preservation in silica and paraffin oil. At present I am continue my research work on molecular characterization of blast (*Pyricularia grisea*) and Bacterial Leaf Blight (*Xanthomonas oryzae* pv. *Oryzae*), Ufra (*Ditylenchus angustus*) and gene mapping of these rice pathogens. I am expert on some molecular techniques like DNA harvest from pathogen and host plant, SSR, RAPD, VNTR, AFLP marker, gel electrophoresis and PCR based analysis. I am now involved in two projects of different aspects of plant disease.

Title of the Project	Funded by	Project Director (Bangladesh part)	Contribution	Duration
1. Blast Research Network	IRRI- JIRCAS	Dr. Abu Taher Mia Chief scientific Officer and Head Plant Pathology Division, BRRI, Gazipur-1701	Worked as a Co-investigator	April 2009 To April 2012
2. Field test of rice mega varieties for susceptibility to Sheath blight	IRRI	Dr.A.S.M.Masuduzzaman Principle Scientific Officer Plant Breeding Division Bangladesh Rice Research institute, Gazipur-1701	Worked as a Co-investigator	August 2009 to June 2012

Major duties performed (As a Scientific Officer, Plant Pathology Division, Bangladesh Rice Research Institute):

- ❖ Plant disease diagnosis, isolation of pathogen, different media preparation, pure culture, and preservation
- ❖ Screening programme of new lines and varieties against different rice diseases.
- ❖ Biological and chemical control measure of major rice diseases.
- ❖ Molecular works like DNA harvest from pathogen and host cell, PCR analysis and gel electrophoresis to identify resistant gene(s).
- ❖ Survey and monitoring of disease pressure in two seasons in different Agro Ecological Zone in every year.
- ❖ Planning and execution of research programme
- ❖ Report writing on research activities and sudden out break of some major disease.

Future Research Interest:

Host pathogen environment interaction

Molecular Plant Pathology

Identification and tracking of pathogen in environments

Molecular biology of fungus, Bacteria and Nematode to develop disease resistant rice variety.

Plant disease management

Linguistic Skills

The medium of instruction at **graduate and post graduate level** was in English.

Computer Skills

- Microsoft Office
- Internet Browsing
- Excel
- Power point
- MS Stat/Crop stat/ regression /correlation/ anova

Additional Skill

- Seven days Field Trip at Kendua Upazila, Netrokuna District (Bangladesh) in partial fulfillment of requirements of my practical course in Agricultural Extension Education, gaining experiences about rural communities, Social Survey, Technology Transfer and current programs of Agricultural.
- I have completed 7 days programme in **Rural Development Academy, Bogra , Bangladesh** for observation of disease free rice seed production and preservation techniques of rural farmers.
- I have participated in every year **5 days Annual research Workshop, in BRRI , Gazipur, Bangladesh.**

Other Skills

- Good Performance in Report writing.
- Participant in Seminar and Workshop.
- Excellent communication skills and proactive in teamwork.

Interests

- I am a regular visitor at workshops, Seminars and Conferences. I have a keen interest on sports and travelling. In my leisure I used to read books or listen to music. In find working with computer very interesting. It is my passion to take photography.

Signature



(Mohammad Abul Monsur)