

CURRICULUM VITAE OF MD. REJWAN BHUIYAN

Md. Rejwan Bhuiyan

Senior Scientific Officer (Plant Pathology)

Address for communication

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Experimental skill

- Able to isolate and identify fungal, and bacterial pathogen through systemic plant pathological approach.
- Able to work host-pathogen interaction using light microscope.
- Field experimental techniques.
- Having both theoretical and practical knowledge on Molecular Techniques (Use of PCR, RAPD, AFLP and RFLP etc.) to characterize plant pathogens.

Research Interests

Disease Resistance: Major resistant gene against *Magnaporthe oryzae* identification through specific marker and introgression into desired rice cultivar through either backcrossing or conventional breeding. Gene pyramiding through backcross breeding is also a priority of interest.

Academic Background

Name of University/College / School	Years attended	Degree obtained	Division/ Class obtained	Marks obtained/ CGPA
Shaheed Ramijuddin High School, Dhaka, Bangladesh	1998	S.S.C (Science)	First *	83.7%
B.A.F Shaheen College, Tejgaon, Dhaka, Bangladesh	2000	H.S.C (Science)	First	67.6%
Bangladesh Agricultural University, Mymensingh	2001-2005	B.Sc.Ag. (Hons.)	First	64.4%
Bangladesh Agricultural University, Mymensingh	2006-2007 (June, 2007)	MS in Plant Pathology	First	CGPA 3.85 (Out of 4 Basis)
Bangladesh Agricultural University, Mymensingh	2006-2007	Post Graduate Diploma in Information, Communication and Technology	Passed (Position 3 rd)	-

(Courses taken during M.S. to S.S.C. are given in Appendix)

In-service Training

- ❖ Trained on “Breeder Seed Production and Preservation of Rice” held from 14-16 June, 2008 at Bangladesh Rice Research Institute organized by “Strengthening of Breeder Seed Production and Maintenance of Nucleus Stock” Project under Genetic Resources and Seed Division of BRRI Gazipur.

- ❖ Trained on “Research Methodology” held from 26 December, 2009 to 07 January, 2010 at Graduate Training Institute, Bangladesh Agricultural University, Mymensingh.
- ❖ Trained on “1-Month Rice Production Training Course” held from 21 March to 19 April, 2010 for the Scientists of Bangladesh Rice Research Institute at BRRI, Gazipur.
- ❖ Trained on “ Theory and Practice of Molecular Breeding in Rice” held from Jan 26 to Feb 01, 2012 at Plant Breeding Division of BRRI sponsored by NATP Bacterial Blight Project.
- ❖ Successfully completed four month “Foundation Training Course for NARS Scientists (Batch 22)” held from 05 Feb to 03 June, 2012 at Bangladesh Academy for Rural Development, Kotbari, Comilla.
- ❖ Trained on “Advanced Biometrical Techniques for NARS Scientists” held from 29 July to 02 August, 2012 at Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur-1701.
- ❖ Trained on “Implication of Molecular Tools in Crom Improvement under stress Environment” held from 27 to 31 January, 2013 at Plant Pathology Division of Bangladesh Rice Research Institute and sponsored by NATP project.
- ❖ Trained on “Gene Cloning and Rice Transformation” held from 15 to 24 April, 2013 at Biotechnology Division of BRRI and sponsored by BRFD project.

Training in Abroad

- ❖ Trained on four month long “Hybrid Rice Technology for Bangladesh” held from 5 June to 24 September, 2013 at Yuan Longping High-tech Agriculture Co., Changsha, China and sponsored by the Ministry of Commerce, Peoples Republic of China.

Award

Title	Organization	Year	Award Name
Rice Production Training	BRRI, Bangladesh	2010	Achived Distinction (Obtained <80% marks)
Integrated Rice Production Training	BRRI, Bangladesh	2013	Achived Distinction

Computer Skills

- ✚ System software: Cropstat, MSTAT, SPSS, NTsys, Jump (for data analysis), QTX (learning)
- ✚ Windows XP, Windows 7, Microsoft Office 2007, Powerpoint, Excel, Adobe Photoshop CS3, Internet Browsing,

Professional Membership

- ❖ Life member of Phytopathology Society of Bangladesh, 755 LM
- ❖ Member- Bangladesh Society of Entomology, OM No. 682
- ❖ Member- Bangladesh Society of Agronomy, Member No. 756
- ❖ Member- Bangladesh Society of Weed Science
- ❖ Member- Krishibid Institution of Bangladesh, Reg. No. 01-04-16078
- ❖ Member- BADON, Free Blood Donating Organization for the poor people

List of Scientific Publications:

1. **M. R. Bhuiyan**, M. M. Rashid, M. A. I. Khan, M. Hoque, B. Nessa, M. Y. Rafii and M. Latif. 2013. Eco-friendly management of seed borne fungi for sustainable crop production. *Life Sci J* 2013: 10 (04):1640-1650. (ISSN: 1097-8135). <http://www.lifesciencesite.com>. 217.
2. Mohammad Ashik Iqbal khan, **Rejwan Bhuiyan**, Md Shahadat Hossain, Partha Pratim Sen, Anjuman Ara, Md Abubakar Siddique, Md Ansar Ali. 2014. Neck blast disease influences grain yield and quality traits of aromatic rice. *Comptes Rendus Biologies*. 337:635-641. <http://dx.Doi.org/10.1016/j.crv.2014.08.007>.
3. Mohammad Ashik Iqbal khan, Partha Pratim Sen, **Rejwan Bhuiyan**, Enamul Kabir, Abul Kashem Chowdhury, Yoshimichi Fukuta, Ansar Ali, Mohammad Abdul Latif. 2014. Phenotypic screening and molecular analysis of blast resistance in fragrant rice for marker assisted selection. *Comptes Rendus Biologies*. 337:318-324. <http://dx.Doi.org/10.1016/j.crv.2014.02.007>.
4. A.K.M. Andadul Hoque, **Md. Rejwan Bhuiyan**, Mohammad Ashik Iqbal Khan, Asif Mahmud & M.Uddin Ahmad. 2013. Effect of amino acids on root-knot nematode (*Meloidogyne javanica*) infecting tomato plant. *Archives Of Phytopathology And Plant Protection*. DOI: [10.1080/03235408.2013.862039](https://doi.org/10.1080/03235408.2013.862039).

<http://dx.doi.org/10.1080/03235408.2013.862039>

5. U. Mahmud, A.K. M. A. Hoque, **Md. Rejwan Bhuiyan**, Mohammad Ashik Iqbal Khan, M.E. Kabir, Asif Mahmud, Md. Ashrafuzzaman & Md. Ayub Ali. 2013. Management of jute yellow mosaic virus disease through cultural practices. Archives Of Phytopathology And Plant Protection. DOI: [10.1080/03235408.2013.875689](https://doi.org/10.1080/03235408.2013.875689). <http://dx.doi.org/10.1080/03235408.2013.875689>.
6. M.H. Kabir, M.M. Rashid, **M.R. Bhuiyan**, M.S. Mian, M. Ashrafuzzaman, M.Y. Rafii and M.A. Latif. 2014. Integrated Management of Alternaria Blight of Broccoli. J. of Pure and Applied Microbiology. Vol. 08. No. 01: 149-158.
7. **M R Bhuiyan**, M M Rashid, B Karmakar, M M Hossain and MAI khan. 2011. Sound weed management option for sustainable crop production. Bangladesh J. Weed Sci. 2 (1&2): 79-86. (ISSN 2078-130X)
8. M A I khan, M S Kabir, M A Monsur, M Tuhina Khatun, B Nessa, MM Rashid, **M R Bhuiyan**, T H Ansari, M A Ali and M A T Mia, 2010. Reaction of some pyramid lines to bacterial leaf blight pathogen in Bangladesh. Bangladesh Journal of Plant Pathology, Volume 26, No. 1& 2: 45-51.
9. M M Rashid, A B M Ruhul Amin, F Rahman, **M R Bhuiyan**, M B Meah and M S Mian, 2010. Determination of effective dose of garlic for controlling seed-borne fungal diseases of Tomato. Bangladesh Journal of Plant Pathology, Volume 26, No. 1& 2: 65-68.
10. TL Aditya, G Ghosal, N Sharma, MR Islam, RR Majumder, H Khatun, **M R Bhuiyan**, FM Moinuddin, B karmakar and TH Ansari, 2010. General and Specific adaptability through genotype environment interactions of some somaclonal lines in Rice. Bangladesh Journal of Progressive Science and Technology, 8 (1): 005-008. (ISSN 1609-5260)
11. M A Islam, M S Rahman, **M R Bhuiyan** and R A N E Ferdous. 2009. Effect of form of urea and level of nitrogen on yield and yield contributing characters of aromatic rice. Intl. J. BioRes 6(4):69-7. (ISSN 1819-8783)
12. M A Islam, M S Rahman, **M R Bhuiyan** and R A N E Ferdous. 2009. Qualitative characteristics of aromatic rice as influenced by forms of urea and levels of nitrogen. Intl. J. BioRes 7(1):85-92. (ISSN 1819-8783)

13. B karmakar, MA Ali, AKMS Islam, **M R Bhuiyan**, M M Hossain and M A Mazid. 2011. Seeding and weeding options on weed infestation and productivity of wet season rice. Bangladesh J. Weed Sci. 2 (1&2) : 33-39.
14. S S Hossain, A K M A Hoque, **M R Bhuiyan**, M U Ahmad and A Q M B Rashid. 2012. Comparative efficacy of neem and Furadan 5G in controlling root knot nematode (*Meloidogyne javanica*) of Cotton. (ISSN 2220-9859).
15. MS Rahman, MA Hoque, MAR Sarkar, **MR Bhuiyan** and MS Islam. 2012. Effect of different irrigation level on growth, yield and quality of ratoon crop of sugarcane. Eco-friendly agril. J. 5(12): 284-288. (ISSN 1999-7957)
16. MI Hossain, AKMA Hoque, A Mahmud, **MR Bhuiyan** and MA Matin. 2012. Effect of tillage intensity and fertilizer management on soil physical properties, root growth and yield of Rice. Eco-friendly agril. J. 6(09): 179-187. (ISSN 1999-795).
17. ME Haque, **MR Bhuiyan**, T Duly, ZR Moni, MAI Khan and AZM Sadek. 2013. Effect of planting method on yield contributing characters of modern rice varieties. Eco-friendly agril. J. 6(12): 265-272. (ISSN 1999-7957)
18. A Haque, **MR Bhuiyan**, S Islam, MAU Zaman, MA Latif and MA Ali. 2013. Integrated management of Ufra (*Ditylenchus angustus*) disease of rice. Eco-friendly agril. J. 6(12): 285-290. (ISSN 1999-7957).