

CURRICULUM VITAE

Md. Niaz Morshed

Scientific Officer

Adaptive Research Division

Bangladesh Rice Research Institute (BRRI)

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Personal Information

Present Address : Bangladesh Rice Research Institute (BRRI), Regional Station, Sonagazi, Feni, Bangladesh

Permanent Address : Village.: Shohagdal , P/O.: Shohagdal, Upazilla: Swarupkathi, District: Pirojpur

Date of Birth : 18 August, 1994

Religion : Islam (Sunni)

Nationality : Bangladeshi (By birth)

Marital Status : Married

Sex : Male

Blood Group : B(+) ve

Research Interest

- To develop sustainable pest management system in Bangladesh using both biochemical and transgenic approach.
- To study and research about insect molecular genetics, insect biotechnology and develop insect resistant plant varieties.
- To work in a challenging environment with scope of future progress applying my academic knowledge, training and working capability.

Educational Background

Master of Science (MS) in Entomology

CGPA: 3.92 (Out of 4.00)

Passing Year: 2018

Department of Entomology

Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

Bachelor of Science in Agriculture (Honours)

CGPA: 3.77 (Out of 4.00)

Passing Year: 2016

Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh

Higher Secondary School Certificate (HSC)

GPA: 5.00 (Out of 5.00)

Passing Year: 2011

Shahid Smrity College, Swarupkathi, Pirojpur

Secondary School Certificate (SSC)

GPA: 5.00 (Out of 5.00)

Passing Year: 2009

Swarupkathi Collegiate Academy, Swarupkathi, Pirojpur

Work Experience

Scientific Officer [August 2017– Present], Bangladesh Rice Research Institute (BRRI), Regional Station, Sonagazi, Feni, Bangladesh

Research Experience

Name of the projects:

1. Program for determining the cost acceptability and profitability of advanced rice varieties along with Nerika in the mountainous region (Proposal for program finance from the non-development budget-PPNB)
2. The Development and Validation of High Beta- carotene Rice (Golden Rice Project)
3. “Head to head Adaptive trial of modern Rice varieties” under Transforming Rice Breeding Project
4. “Climate-smart practices and varieties for intensive rice-based systems in Bangladesh and Cambodia” (IRRI Ref. No.: A-2016-167) Implemented by BRRI & IRRI and financed by Asian Development Bank (ADB)
5. “Investigation of Bio-rational methods for controlling major insect pests infesting vegetables in Bangladesh” - Ongoing research project at Department of Entomology, Bangladesh Agricultural University.

Training & Participation

2020 : Online training on “**National Portal Management**” 08 April, 2020, Access to information (a2i) program, Information and Communication Technology Division, Bangladesh

2020 : Online training on “**Digital Security Essentials**” 31 March, 2020, Access to information (a2i) program, Information and Communication Technology Division, Bangladesh

2020 : Training on “**Research Methodology**” 16-29 February, 2020, Graduate Training Institute (GTI), Bangladesh Agricultural University, Mymensingh, Bangladesh

- 2019** : Training on “**Agricultural Research Methodology**” 16-20 November, 2019, Bangladesh Rice Research Institute (BRRI), Gazipur, Bangladesh
- 2019** : Training on “**Basic Molecular Biology and Disease Resistance**” 23-28 March, 2019, BRRI, Gazipur, Bangladesh
- 2017** : 4th National Conference on Natural Science and Technology (NCNST’17): “**Promoting Women in Science**”, 24-25 March, 2017, Asian University For Women, Chittagong, Bangladesh.
- 2016** : Participated in a weeklong training program, “**Training on Basic Biotechnology**”, 22-27 October, 2016, National Institute of Biotechnology, Ganakbari, Ashulia, Savar, Dhaka, Bangladesh
- 2015** : Extension Field Trip on “**Organization Structure of Upazila Level Govt. and non Govt. Offices and Their Activities**” 09-14 August, 2015, at Madhabpur, Habiganj, Organized by Dept. of Agricultural Extension Education, BAU, Mymensingh, Bangladesh
- 2015** : Participated in a weeklong training program, “**Basics of MS Office**” 25 January- 05 February, 2015, Graduate Training Institute(GTI), Bangladesh Agricultural university, Mymensingh, Bangladesh

Postgraduate Thesis

EFFICACY OF SOME BIORATIONAL INSECTICIDES AGAINST BEAN APHID, (*Aphis craccivora* Koch.) UNDER LABORATORY CONDITION

Fellowship

National Science and Technology (NST) Fellowship, Ministry of Education, Bangladesh [2016-17]

List of Publications:

1. Shaki S, **Morshed MN**, Sultana N, Das G. 2020. Comparative Efficacy of Some Newer Insecticides Against Rice Leaf Folder (*Cnaphalocrosis Medinalis* Guen.) and their effects on natural enemies in Rice Ecosystem. *Tropical Agrobiodiversity*, 1(2): 55-59. <http://doi.org/10.26480/trab.02.2020.55.59>
2. **Morshed MN**, Howlader MTH, Islam MR, Sultana N, Hera MHR. 2020. Effect of abiotic factors on the seasonal incidence of Rice yellow stem borer, *Scirpophaga incertulas* (Walker) and rice leaf folder, *Cnaphalocrocis medinalis* (Guenee) population at the south-east coastal region of Bangladesh. *Journal of Entomology and Zoology Studies*, 8(3): 1321-1326
3. Hasan MJ, **Morshed MN**, Islam MA, Hera MHR, Islam KS. 2020. Effects of different concentrations of Chitosan on shelf life and quality of Mango. *Sustainability in Food and Agriculture* (SFNA), 1(1): 20-5. <http://doi.org/10.26480/sfna.01.2020.20.25>

4. Hasan MJ, Islam MA, Hera MHR, **Morshed MN**, Hasan MK.2020. Effects of different coating materials on shelf life and quality of Mango. *Journal of Trends in Horticultural Research*, 10(1):1-10.
5. Rahman MM, Howlader MTH, Islam KS, **Morshed MN**. 2019. Efficacy of three biopesticides against cucurbit fruit fly, *Bactrocera cucurbitae* Coquillett (Diptera: Tephritidae) and yield of bitter gourd. *Journal of Bangladesh Agricultural University*, 17(4):483–489.<https://doi.org/10.3329/jbau.v17i4.44616>

Research talks and poster presented

A. Talks (Oral presentation)

MN Morshed, N Sultana, MM Rahman, MTI Khan, MK Mahmud and MTH Hawlader.2017. Evaluation of selected bio-insecticides and chemical insecticides against Bean Aphid, *Aphis fabae* (Homoptera, Aphididae). 24 March 2017, 4th Natural conference on natural science and technology, Asian University for Women, Chittagong, Bangladesh
(https://www.researchgate.net/profile/Md_Morshed/publications)

B. Poster presentation

1. MM Rahman, MTH Hawlader, KS Islam and **MN Morshed**.2018. Evaluation of three bio-pesticides against cucurbit fruit fly, *Bactrocera cucurbitae* (Coquillett) and their effects on the yield of bitter gourd. 1st International Conference on Challenges for Future Agriculture 2018, Bangladesh Agricultural University, Mymensingh, Bangladesh [27-28 January, 2018]
(https://www.researchgate.net/profile/Md_Morshed/publications)
2. MTI Khan, MM Rahman, **MN Morshed**, MK Mahmud and MTH Hawlader.2017. Efficacy of Fungal Biopesticide and Some New Generation Insecticides Against Jassid (*Amrasca devastans* L.) on Brinjal. 25 March 2017, 4th Natural conference on natural science and technology, Asian University for Women, Chittagong, Bangladesh
(https://www.researchgate.net/profile/Md_Morshed/publications)
3. MM Rahman, MTI Khan, **MN Morshed**, N Sultana, MK Mahmud and MTH Hawlader.2017. Efficacy of Some Commercial Chemical Insecticides Against *Culex sp.* Mosquito Larvae. 25March 2017, 4th Natural conference on natural science and technology, Asian University for Women, Chittagong, Bangladesh.
(https://www.researchgate.net/profile/Md_Morshed/publications)
4. N Sultana, MM Rahman, MTI Khan, **MN Morshed**, MK Mahmud and MTH Hawlader.2017. Laboratory Evaluation of Spinosad and Abamectin Biopesticide Against Rice Weevil, *Sitophilus oryzae* L. 25 March 2017, 4th Natural conference on natural science and technology, Asian University for Women, Chittagong, Bangladesh.
(https://www.researchgate.net/profile/Md_Morshed/publications)
5. MK Mahmud, **MN Morshed**, N Sultana, MM Rahman, MTI Khan and MTH Hawlader.2017. Field evaluation of entomopathogenic fungal biopesticide against soft-bodied insect pests of Brinjal. 25 March 2017, 4th Natural conference on natural science and technology, Asian University for Women, Chittagong, Bangladesh.
(https://www.researchgate.net/profile/Md_Morshed/publications)

Technical / Language Skill

Statistical Software : SPSS, Star, Crop STAT, R Studio, LdP Line (Probit Analysis),

Computer skill : Microsoft office (MS Word, Excel, Power point, Internet browsing)

Language : Excellence written and oral competence in English and colloquial Bengali

Membership of Professional Societies

- a) Bangladesh Rice Research Institute Scientist`s Association.
- b) Krishibid Institution Bangladesh (KIB)

Intrinsic Qualities

- a) Good leadership quality
- b) Excellent conversational skill
- c) Patience during rough situation

References

Professional Referee 1:

Dr. Md. Humayun Kabir
Chief Scientific Officer and Head,
Adaptive Research Division (ARD)
Bangladesh Rice Research Institute (BRRI)
Gazipur, Bangladesh
Phone no.: +8801715414017
E-mail: mhkabir64@yahoo.com

Professional Referee 2:

Dr. Mohammad Tofazzal Hossain Howlader
Professor.
Department of Entomology.
Bangladesh Agricultural University (BAU)
Mymensingh, Bangladesh
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E-mail: tofazzalh@bau.edu.bd