

CURRICULUM VITAE

Md. Niaz Morshed

Scientific Officer

Adaptive Research Division

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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. “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** : 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. Rahman, M.M., Howlader, M.T.H., Islam, K.S., **Morshed, M.N.** 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
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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