

Md. Sefaur Rahman

A. PERSONAL

1. Name: Md. Sefaur Rahman
2. Date of Birth: January 01, 1986
3. Nationality: Bangladeshi
4. Gender: Male
5. Marital Status: Married
6. Permanent Address: Village: Medinisagor, P.O.: Bongaon Hat, Upazila: Haripur, District: Thakurgaon, Bangladesh. Phone: +8801719347059, E-mail: sefa.entom@gmail.com, sefa.ento@bina.gov.bd

B. CURRENT EMPLOYMENT

1. Address: Senior Scientific Officer, Entomology Division & Officer in Charge, Bangladesh Institute of Nuclear Agriculture (BINA), Sub-Station, Magura, Bangladesh. Phone: +8801719347059, E-mail: sefa.entom@gmail.com, sefa.ento@bina.gov.bd
2. Contact telephone number: Phone: +8801719347059, E-mail: sefa.entom@gmail.com, sefa.ento@bina.gov.bd
3. Current Employer: Director General, BINA, Mymensingh, Bangladesh

C. AREA OF EXPERTISE/INTEREST

Entomology and Extension (Variety dissemination)

D. EDUCATION

- i) Highest level : Master's degree (MS) in Entomology
Graduation : 2008, First class with CGPA 3.539 (Out of 4.0)
Field of study : Entomology
Name of Institution : Bangladesh Agricultural University
Location : Mymensingh, Bangladesh
- ii) Second highest level : Bachelor of Science in Agriculture (B.Sc.Ag (Hon's))
Graduation : 2006, First class with CGPA 3.09 (Out of 4.0)
Field of study : Agriculture
Name of institution : Hajee Mohammad Danesh Science & Technology University
Location : Dinajpur, Bangladesh
- iii) Higher Secondary School Certificate (H.S.C.)
Graduation year : 2002, First Class
Field of Study : Science
Name of College : Ranisankail College
- iv) Secondary School Certificate (S.S.C.)
Graduation year : 2000, First Class
Field of Study : Science
Name of School : Bongaon High School

E. WORK EXPERIENCE

Institute	Position	Period
Eminence Chemical Industries Ltd (Agrochemical company)	Product Development Officer	20.07.2008 to 04.04.2010
Bangladesh Rice Research Institute	Researcher	08.09.2010 to 31.12.2013
Bangladesh Institute of Nuclear Agriculture	Researcher	24.09.2014 to date

F. PROFESSIONAL TRAINING

Local Training:

Training Title	Duration		Organizer	Venue
“1-Week Rice Production Technology Training Course”	20-08-2011	25-08-2011	BRRRI	Bangladesh Rice Research Institute, Gazipur, Bangladesh
Training on use of Nuclear Energy in Agricultural Research, Modern Research Techniques and Office Management	18-10-2014	29-10-2014	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Nuclear orientation training course	28-05-2016	30-06-2016	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Training on research management	23-09-2018	27-09-2018	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Training on conduct research and finance administration	01-10-2018	04-10-2018	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Training of Trainers	14-07-2019	18-07-2019	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Training on “Biotechnological Approaches for Abiotic and Biotic Stress Tolerant Variety Development”	23-01-2020	23-01-2020	BINA	Bangladesh Institute of Nuclear Agriculture, Mymensingh, Bangladesh
Awareness Training on Nutrition and Food Safety	11-08-2021	11-08-2021	BARC	Bangladesh Agricultural Research Council, Dhaka, Bangladesh
Human Resource Management	02-01-2022	06-01-2022	NATA	National Agricultural Training Academy, Gazipur, Bangladesh

Foreign Training:

Training Title	Duration		Organizer	Venue
Training on Agriculture Management for Bangladesh	09-10-2019	28-10-2019	Hubei Vocational College of Bio-Technology	China

G. SKILLS

- Successfully completed the course of “Basics of MS Office”.
- Familiar with different statistical software like MSTAT, SPSS, IRRISTAT, CropStat etc.
- Provided leadership to the working scientists at BINA Sub-Station Gopalganj, Noakhali & Magura.
- Provided hands-on training on research methodology, data collection and analysis and report writing to the junior researcher colleagues at BINA Sub-Station Gopalganj, Noakhali & Magura and partner development workers of NGOs.
- Organized more than 100 training for farmers, NGO workers, extension service providers and agricultural officers during my tenure at BINA Sub-Station, Gopalganj, Noakhali & Magura (2014-2021).
- Worked with small holder farmers at Gopalganj, Faridpur, Rajbari, Shariatpur, Madaripur, Noakhali, Laxmipur, Feni, Chattogram, Cox’s Bazar, Magura, Jashore, Narail, Jhenaidah, Kushtia, Chuadanga and Meherpur for seven years (2014-2021) in collaboration with Department of Agricultural Extension and NGOs.
- While working with Eminence Chemical Industries Ltd. (Agro-chemical Company) during 2007 – 2010, I was actively involved in chemical analysis and formulation of pesticides and fertilizers, farmers’ group formation and use the groups for participatory research approach and farmers’ lead extension of improved nutrient, pest and post harvest management for rice – based cropping systems.
- Supervised and executed farmers’ participatory research at Faridpur, Chattogram and Jashore region during 2014 – 2021, the research includes farmers’ participatory variety selection, integrated rice-livestock farming, participatory nutrient, pest and post harvest management in rice based different cropping patterns, adoption of new varieties and monitoring insect pest surveillance.
- As an entomology student, I have experiences in plant and grain sample collection, analysis and interpretation of results.
- Presently, I am working as a Senior Scientific Officer and Officer in Charge at BINA Sub-Station, Magura.

List of Publications

MS Thesis Title: Biology and Food consumption of Epilachna beetle (*Epilachna dodecastigma* Wied) on different host plants

Scientific Articles:

1. **Rahman MS**, Khatun M, Topu MAA, Alam ABMS, Sarker A and Saleque MA (2020). Potassium release and fixation in old Brahmaputra and Ganges tidal floodplain soils of Bangladesh. *International Journal of Natural and Social Sciences*, 7(1): 40-54. DOI: 10.5281/zenodo.3997124.
2. Sarker A, Alam ABM, **Rahman MS**, Topu MAA, Ali MA and Sarker S (2020). Effect of fertilizers to reduce CH₄ emission and increase rice productivity. *International Journal of Natural and Social Sciences*, 7(2): 61-69. DOI: 10.5281/zenodo.3997163.
3. Akondo MRI, Hossain MB, **Rahman MS**, Haque MS and Azad MAK. (2020). Screening of suitable tossa jute (*Corchorus olitorius* L.) mutant to increase fiber production. *GSC Biological and Pharmaceutical Sciences*, 10(2), 99-105.
4. **Md. Sefaur Rahman**, A.B.M. Shafiul Alam, Md. Al Arafat Topu, Abdur Rakib and Md. Shahidul Islam (2019). Economic feasibility of integrated farming system in Kashiani upazila of Gopalganj district. *International Journal of Applied Research Journal*: 2411-6610.
5. Alam ABMS, M Bipa, **MS Rahman**, N Tabassum and MAA Topu, 2019. Toxicity analyses of surface water in selected industrial areas of Bogura sadar, Bangladesh. *Res. Agric. Livest. Fish.* 6 (2): 227-234.
6. Jahan N, ABMS Alam, AS Mitu, MA Habib and **MS Rahman**, 2019. Effect of phosphorus on growth and yield of sesame. *Res. Agric. Livest. Fish.* 6 (2): 245-251.
7. Hossain MS, ABMS Alam, M Bipa, **MS Rahman** and S Siddeka, 2019. Effects of salinity and variety on yield contributing characters and yield of Red amaranth. *Res. Agric. Livest. Fish.* 6 (2): 271-278.
8. Rakib A, Akter KT, Khanom MSR, **Rahman MS** and Alam ABMS (2019). Performance of Binadhan-17 compare to BRRI dhan28, BRRI dhan29, BRRI dhan81 and BRRI dhan89. *International Journal of Natural and Social Sciences*, 6(2): 22-26.
9. Sushan Chowhan, Md. Imdadul Hoque, Shampa Rani Ghosh, Majharul Islam, Md. Babul Akter, K.M. Eadun Nabi, **Md. Sefaur Rahman**, Farid Ahmed, Md. Tanjilur Rahman Mondal, Md. Mahmud Al Noor (2019). Influence of number of seedlings per hill on the performance of boro rice varieties. 1st International Congress of the Turkish Journal of Agriculture - Food Science and Technology. CONGRESS BOOK. E-ISBN: 978-605-80461-1-5.
10. Moniruzzaman M, Shafiul Alam ABM, **Rahman MS**, Hossian S, Islam MS, Islam MA, Tabassum N (2018). Contiguous reaction of manufacturing effluent on Buriganga river of Bangladesh. *International Journal of Natural and Social Sciences*, 5(2): 102-109.

11. P. K. Saha, **M. S. Rahman**, M. Khatun, A. T. M. S. Hossain and M.A. Saleque (2013). Assesment of Soil Carbon Stock of Some Selected Agroecological Zones of Bangladesh, Bangladesh J. Agril. Res. 38(4): 625-635.
12. **M. S. Rahman**, M. A. Haque, R. Islam, M. H. Rashid and M. A. Hannan (2009). Effect of Different Host Plants on the Growth and Development of Epilachna Beetle, *Epilachna dodecastigma* (wied). Bangladesh Res. Pub. J. 2(3):592-596.
13. T. Yeasmin, M. Ahmad, **M. S. Rahman**, M. K. Uddin & M. S. Rahman (2009). Evaluation of Pesticidal Effect of Four Plant powders and Ash Against Pulse Beetle, *Callosobruchus chinensis* L. Infesting Chick Pea, Bangladesh J. entomol. 20(1):59-67.

Referees

1. Dr. Md. Azizul Haque

Professor & Head, Dept. of Entomology, Faculty of Agriculture
Bangladesh Agricultural University, Mymensingh,
Cell# +8801716408628,
E-mail: mahaque60@gmail.com, head.entom@bau.edu.bd

2. Dr. Md. Adnan Al Bachchu

Professor, Dept. of Entomology, Faculty of Agriculture
Cell# +8801713163342
E-mail: adnan_hstu@yahoo.com

3. Dr. M. A. Saleque

Deputy Country Manager-Bangladesh
HarvestPlus, International Rice Research Institute
Dhaka, Bangladesh
Cell# +88 01711060731
E-mail: m.saleque@irri.org, asaleque.brri@gmail.com