



MD MAHFUZUR RAHMAN

ORCID ID: 0000-0002-5366-018X

LinkedIn Profile: www.linkedin.com/in/md-mahfuzur-rahman-27010a217

+8801673266700

mmahfuz.edu.bd@gmail.com

Chatgaon, Keraniganj, Dhaka-1310

Bangladesh

EDUCATION

- **Master of Science in Soil Science and Plant Nutrition** [October 2020 to August 2022]
Department of Soil Science and Plant Nutrition, Faculty of Agriculture
Ondokuz Mayıs University, Turkey
(*EMISS Project, under Erasmus Mundus Joint Master's Degree Program*)
Thesis Topic: The effect of hazelnut husk compost with *Bacillus megaterium* var. *phosphoticum* on phosphorus dynamics of soil and wheat yield
- **Master of Science in Entomology** [July 2016 to January 2018]
Department of Entomology, Faculty of Agriculture
Bangladesh Agricultural University, Bangladesh
- **Bachelor of Science in Agriculture (Honours)** [January 2012 to June 2016]
Faculty of Agriculture
Bangladesh Agricultural University, Bangladesh

EMPLOYMENTS

- **Lecturer** [22 April 2024 to Onward]
Department of Agriculture, Faculty of Agriculture
Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj
- **Lecturer** [April 2018 to 16 April 2024]
Faculty of Agriculture
EXIM Bank Agricultural University Bangladesh
- **Summer Research Intern** [July 2021 to October 2021]
Guide: Dr. Ridvan Kızılkaya, Professor
Department of Soil Science and Plant Nutrition, Faculty of Agriculture
Ondokuz Mayıs University, Turkey
- **Research Assistant** [January 2016 to February 2018]
Guide: Dr. M Tofazzal Hossain Howlader, Professor
Insect Biotechnology and Biopesticide Laboratory
Department of Entomology, Faculty of Agriculture
Bangladesh Agricultural University, Bangladesh

AWARDS AND SCHOLARSHIPS

- **Erasmus Mundus Joint Masters (EMJM) Scholarship, Erasmus+ Program, a European Union Project** [2020-22]
(<https://emissmaster.omu.edu.tr/>)
- **National Science and Technology (NST) Fellowship** for MS research, Ministry of Education, Bangladesh [2016-17]

PUBLICATIONS

- **Rahman M.M.***, Maqbool N., AY Abdurrahman, Gülser C., and Kızılkaya R. Role of hazelnut husk compost and phosphate solubilizing bacteria in improving the productivity and quality parameters of wheat (*Triticum aestivum* L.) and their effect on some soil biological properties. *Communications in Soil Science and Plant Analysis*. 55(13): 2042–2058. <https://doi.org/10.1080/00103624.2024.2337825>
- Morshed M.N., **Rahman M.M.**, Sultana N., Mamun M.A.A., Haque M.A., and Howlader M.T.H. 2023. Managing sucking pests biorationally considering bean aphid, *Aphis craccivora* Koch. as an example. *Archives of Phytopathology and Plant Protection*. 56(14): 1076–1092. <https://doi.org/10.1080/03235408.2023.2256665>
- Hossain M.Z., **Rahman M.M.***, Morshed M.N., Uddin, M.E., Rahaman, M.H., Sultana, N., and Hashem, M.A. 2023. Yield response of rice (*Oryza sativa* L.) to elevated potassium applied under the irrigated ecosystem of Bangladesh. *Eurasian Journal of Soil Science*. 12(2): 104-110. <https://doi.org/10.18393/ejss.1198190>
- Morshed M.N., Mamun M.A.A., Nihad S.A.I., **Rahman M.M.**, Sultana N., and Rahman M.M. 2023. Effect of weather variables on seasonal abundance of rice insects in southeast coastal region of Bangladesh. *Journal of Agriculture and Food Research*. 11: 100513. <https://doi.org/10.1016/j.jafr.2023.100513>
- **Rahman M.M.**, Howlader M.T.H., Islam K.S., and Morshed M.N. 2019. Efficacy of three biopesticides against cucurbit fruit fly, *Bactrocera cucurbitae* Coquillett (Diptera: Tephritidae) and yield of bitter melon. *Journal of Bangladesh Agricultural University*. 17(4): 483-489. <https://doi.org/10.3329/jbau.v17i4.44616>

ARTICLES UNDER REVIEW

- **Rahman M.M.**, Morshed M.N., Adnan S.M., and Howlader M.T.H. Potential of new generation insecticides and botanicals in managing *Culex quinquefasciatus* (Say) (Diptera: Culicidae) larvae. (**Provisionally Accepted** in *Heliyon*, Link: <https://track.authorhub.elsevier.com/?uuiid=322044c6-95db-4e3c-94f9-f14870fbef34>)

SKILLS AND CAPABILITIES

- Experience with soil physical, chemical, and biological analysis; integrated pest management; and trails of different new generation insecticides and botanicals against different insects under both lab and field conditions.
- Statistical analyses with **R** and Minitab
- **GIS** with ArcMap (study area mapping, georeferencing, interpolation, land use, and land cover map)

SYMPOSIUM & CONFERENCES

- International Symposium on “Soil Science and Plant Nutrition”, Federation of Eurasian Soil Science Societies collaboration with Erasmus Mundus Joint Master’s Degree in Soil Science (emiSS) Programme, Samsun, Turkey [18-19 December, 2021] (website: <http://www.fesss.org/pages.php?id=1>)
- 1st International Conference on Challenges for Future Agriculture 2018, Bangladesh Agricultural University, Mymensingh, Bangladesh [27-28 January 2018] (website: <http://iccfa2018.bau.edu.bd/>)
- 4th National Conference on Natural Science and Technology (NCNST), Asian University for Women, Chittagong, Bangladesh [2017] (Website: <http://auw.edu.bd/ncnst/index.php>)

TRAININGS

- **Chasing Python** arranged by Dataskool, taught by Enayetur Raheem, Ph.D. [2023] (Ongoing) (<https://www.dataskool.org/>)
- **Statistical Analysis with R for Reproducible Research** arranged by Dataskool, taught by Enayetur Raheem, Ph.D. [2022] (<https://www.dataskool.org/>)
- **Semi Supervised Research Training** arranged by Biomedical Research Foundation (BRF), Bangladesh [2022]
- **Statistical Package for the postgraduate in Agriculture (SPAA)** from Bangladesh Agricultural University (BAU), Mymensingh [2021]

REFERENCES

• ***Dr. M Tofazzal Hossain Howlader***

Professor
Department of Entomology
Faculty of Agriculture
Bangladesh Agricultural University
Mymensingh, Bangladesh
Tel: +8801742220007
Email: tofazzalh@bau.edu.bd

• ***Dr. Saleh Mohammad Adnan***

Research Entomologist
NSW Department of Primary Industries
Wollongbar
New South Wales, Australia
Tel: 0061449801437
Email: saleh.adnan@dpi.nsw.gov.au

• ***Dr. Ridvan Kızılkaya***

Professor
Department of Soil Science
& Plant Nutrition
Faculty of Agriculture
Ondokuz Mayıs University
Samsun, Turkey
Tel: +905376203334
Email: ridvank@omu.edu.tr