

MD. TOWKIR AHMED

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WORK EXPERIENCES

Research Assistant Department of Agronomy, Bangladesh Agricultural University	May 2023 - present Mymensingh, Bangladesh
Enumerator Department of Entomology, Bangladesh Agricultural University	Jan 2024 – Jun 2024 Mymensingh, Bangladesh
Research Assistant Department of Agronomy, Bangladesh Agricultural University	Apr 2022 - Mar 2023 Mymensingh, Bangladesh

EDUCATION

Master of Science in Agronomy Bangladesh Agricultural University CGPA: 3.859/4.00 Thesis: Evaluating weed control efficacy and yield by integrating reduced rate of herbicide with boiled sorghum crop residues extracts transplant <i>aus</i> rice	Apr 2022 - Dec 2023 Mymensingh, Bangladesh
Bachelor of Science in Agriculture Bangladesh Agricultural University CGPA: 3.734/4.00	Jan 2017 - Feb 2022 Mymensingh, Bangladesh

PUBLICATIONS

- Ashikuzzaman, S., Paul, S. K., **Ahmed, M. T.**, Upama, S. A., Uddin, M. R., & Sarker, U. K. (2024). [Soil applied zinc fertilizer enhanced yield and yield components of wheat](#). *Journal of Agroforestry and Environment*, 17(1), 50-56. <https://doi.org/10.55706/jae1708>
- Akondo, S., **Ahmed, M. T.**, Uddin, M. R., & Sarker, U. K. (2024). [Combined application of herbicide and aqueous extract of sorghum and mustard crop residue enhance weed management and yield of wheat](#). *Journal of Agroforestry and Environment*, 17(2), 1-11. <https://doi.org/10.55706/jae1710>
- Srity, S. N., **Ahmed, M. T.**, Upama, S. A., Rashid, M. H., Uddin, M. R., & Sarker, U. K. (2024). [Response of mustard yield \(cv. BARI Sarisha-14\) to different fertilizer management under subtropical condition](#). *Journal of Agroforestry and Environment*, 17(1), 20-25. <https://doi.org/10.55706/jae1704>
- Dola, N. A., Sarker, U. K., **Ahmed, M. T.**, Upama, S. A., Rashid, M. H. O., & Uddin, M. R. (2024). [Comparative advantages of aqueous extract of mustard crop residues with herbicide to weed control and crop performance of wheat](#). *Archives of Agriculture and Environmental Science*, 9(2), 294-301. <https://doi.org/10.26832/24566632.2024.0902013>
- Pal, C. R., Paul, S. K., **Ahmed, M. T.**, Uddin, M. R., & Sarker, U. K. (2024). [Integrated effect of bio-slurry with chemical fertilizers on the performance of mustard varieties](#). *Research in Agriculture, Livestock, and Fisheries*, 11(2), 115-123. <https://doi.org/10.3329/ralf.v11i2.51920>

Under review:

- Ahmed, M. T.**, Sarker, U. K., Salam, M. A., Rashid, M. H., & Uddin, M. R. (2024). Reduced herbicide doses in combination with boiled sorghum and mustard crop residues suppress weeds and increase yield in transplanted *aus* rice. Manuscript submitted for publication, *Heliyon*, manuscript number (HELIYON-D-24-46997).
- Sarker, U. K., **Ahmed, M. T.**, Kaysar, M. S., Ali, M. I., Paul, S. K., & Uddin, M. R. (2024). Good

agricultural practices for improving food safety and agricultural sustainability: A systematic review for Bangladesh. Manuscript submitted for publication, *Environment, Development and Sustainability*, manuscript number **(ENVI-D-24-03724)**.

8. Manir, M. R., Sarker, U. K., Kheya, S. A., **Ahmed, M. T.**, Ferdous, N., Kaysar, M. S., Salam, M. A., Anwar, M. P., Somaddar, U., Hashem, A., Alfagham, A., Abd_Allah, E. F., & Uddin, M. R. (2024). Integrated nitrogen nutrition with vermicompost and storage duration affect grain quality characters of aromatic rice under subtropical condition. Manuscript submitted for publication, *Cogent Food & Agriculture*, manuscript number **(Ms. No. 248145561)**.

STANDARDIZED TEST SCORE

IELTS: 6.5 (Listening: 7.0, Reading: 6.5, Speaking: 6.5, Writing: 6.0)

TRAINING EXPERIENCES

Application of APSIM for Haor Cropping Systems of Bangladesh Bangladesh Agricultural University	22 May, 2024 - 23 May, 2024 Mymensingh, Bangladesh
Statistical Packages for MS Students in Agriculture Bangladesh Agricultural University	4 Jun, 2023 - 12 Jun, 2023 Mymensingh, Bangladesh
Basics of MS Office Graduate Training Institute, Bangladesh Agricultural University	9 May, 2023 - 21 May, 2023 Mymensingh, Bangladesh
Extension Field Trip Bangladesh Agricultural University	8 Mar, 2020 - 13 Mar, 2020 Mymensingh, Bangladesh

HONORS AND AWARDS

National Science and Technology (NST) Fellowship Ministry of Science and Technology, Government of the People's Republic of Bangladesh	2022 - 2023
Imdad-Sitara Khan Scholarship The Khan Family foundation USA	Jan 2017 - Dec 2020
Merit Based Scholarship Islami Bank Bangladesh Limited	Jul 2016 - Jun 2020

PROFESSIONAL AFFILIATIONS

Student Member , Bangladesh Society of Plant Science and Technology	Aug 2023 - Present
General Member , Krishibid Institution Bangladesh	Jan 2023 - Present

CERTIFICATIONS

- Certificate of Volunteer Appreciation** (19th Bangladesh Astronomy Olympiad 2024)
- Certificate of Participation** (Motivational Weekend 2023, IASS Bangladesh BAU)
- Certificate of Appreciation** (Ministry of Science and Technology, Government of the People's Republic of Bangladesh)
- A Learning Cycle on Global Weed Management** (Weed Science Societies of Bangladesh)
- Certificate of Participation** (Bangladesh Academy of Sciences)
- Certificate of Participation** (7th Bangladesh Astro-Olympiad 2012)

SKILLS

- Data Analysis:** R (Beginner), Minitab, SPSS and Microsoft Excel
- Document Creation:** Microsoft Word and Microsoft PowerPoint

EXTRA-CURRICULAR ACTIVITIES

General Member , Astro-Olympiad, Bangladesh Agricultural University Zone	Jan 2022 - Present
General Secretary , Barisal Students Association of Bangladesh Agricultural University	2019 - 23
Member , BADHAN, Bangladesh Agricultural University Zone	Jan 2017 - Mar 2022

REFERENCES

[Md. Romij Uddin, PhD](#)

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[Md. Harun Or Rashid, PhD](#)

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Uttam Kumar Saker, PhD

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