

CURRICULUM VITAE OF NAZMUN NAHAR

PERSONAL INFORMATION

Name : Nazmun Nahar
Designation : Scientific Officer
Organization : Bangladesh Institute of Nuclear Agriculture (BINA)
BAU Campus, Mymensingh, Bangladesh.
Date of Birth : 18 November, 1991
Nationality : Bangladeshi
Address : BINA Sub Station, Rahmatpur, Barishal, Bangladesh.
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JOB EXPERIENCE

- 1. Scientific Officer** (September 2018 – Present)
Genetics and Breeding Division,
Bangladesh Institute of Nuclear Agriculture (BINA)
Ministry of Agriculture, The People's Republic of Bangladesh

Major responsibilities:

- Scientific direction to research and development on improving crop varieties using nuclear technique.
- Setting of research findings to the generation of reports and publications
- Discussion of research findings with senior scientists and collaborators.
- Developing adaptability of crops in different location within the country.
- Formulation of research proposal in the relevant project agenda.

AREA OF EXPERTISE AND SKILL

- Experience in adaption and extension of BINA released crop varieties and technologies among farmers.
- Skilled in adaptive trials of different newly developed rice, oilseeds, pulse and horticultural crops.
- Ability of effective communication with the scientific community, resource managers, stakeholders and the general public.

MAJOR FIELDS OF RESEARCH INTEREST

- Basic & applied classical and molecular genetic research and development targeting genetically improved germplasm and new cultivars with enhanced productivity, disease resistance and tolerance to biotic and abiotic (salinity) stresses.
- Molecular characterization by DNA markers.
- Genetic transformation, Gene Cloning, Genome mapping and Tissue culture etc.

EDUCATIONAL QUALIFICATION

MSc in Soil Science Bangladesh Agricultural University, Bangladesh	2014	CGPA-3.82 out of 4.0
BSc in Agriculture Bangladesh Agricultural University, Bangladesh	2012	CGPA-3.49 out of 4.0
HSC, Dhaka Board	2008	GPA 5.00 out of 5.00
SSC, Dhaka Board	2006	GPA 5.00 out of 5.00

THESIS AND PUBLICATION

MS Thesis Title: **Development of a colour chart for the determination of soil organic matter at field level**

Publications:

1. Akter, M. B., Mosab-Bin, A., Kamruzzaman, M., Reflinur, R., **Nahar, N.**, Rana, M. S., Hoque, M., I. and Islam, M. S. 2021. Morpho-molecular diversity study of rice cultivars in Bangladesh. Czech journal of genetics and plant breeding. DOI: <https://10.17221/69/2021-CJGPB>
2. Akter, M. B., **Nahar, N.**, Rana, M. S., Hasan, M. N. and Rayhan, M. B.2020. Nitrogen effect on the growth and yield contributing characters of Binadhan-19. *Asian Journal of Crop, Soil Science and Plant Nutrition*. Volume 04- Issue 01, pp. 157-164. DOI: <https://doi.org/10.18801/ajcsp.040220.20>
3. Md. Sohel Rana, **Nazmun Nahar**, Md Robiul Islam Akondo, Mohammed Abul Hashem. 2019.Changes in biological properties of soil due to tobacco cultivation in some southern districts of Bangladesh. *Journal of the Bangladesh Society for Agricultural Science and Technology*. Pages: 51-56, Vol. 19 (1 & 20), 2019
4. Rouf, M.A., Khan, N.A., Mueez, M.L.A., Toma, N.I., Mahmud, S., **Nahar, N.** 2021. Performance Evaluation of Rice Mutant Line against Two Widely Grown Rice Cultivar in Mymensingh Region of Bangladesh. *Asian Journal of Advance in Agricultural Research*. 16(3): 41-48. Article no.AJAAR.72564
5. Islam, M. A., Hossain, M. Z., Fahim, A. H. F., Hossain, M., Nesa, S. B., Sarkar, M. j., **Nahar, N.** and Ahmed, S. 2022. Fibre yield and its properties study on Dhaincha plant using different fermentation methods. *European Academic Research*. Vol. IX, Issue 12.

LANGUAGE PROFICIENCY

Language	Reading	Writing	Speaking
English	Excellent	Very good	Very good
Bangla	Excellent	Excellent	Excellent

(Nazmun Nahar)

