

MD. NAZRUL ISLAM

M.S. in Soil Science: 2009: BAU, Mymensingh, Bangladesh

B.Sc.Ag. (Hons.): 2008: PSTU, Bangladesh

ABOUT ME:

Full Name: Md. Nazrul Islam

Sex: Male

Date of Birth: 1st October, 1984

Place of Birth: Patuakhali, Bangladesh

Father's Name: Kazi Abul Hashem

Mother's Name: Mosa. Aleya Begum

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PERMANENT ADDRESS:

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PRESENT ADDRESS:

Scientific Officer, Soil Science Division, Bangladesh Rice Research Institute (BRRI),

Gazipur-1701, Bangladesh

EDUCATIONAL QUALIFICATION:

Name of Degree	School/College/University	Year of Passing	Division/CGPA	Position	Subject
MS in Soil Science	Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh	2009	3.909 (out of 4.00)	3 rd	Soil Science
B.Sc.Ag. (Hons.)	Patuakhali Science and Technology University (PSTU), Bangladesh.	2008	3.84 (out of 4.00)	6 th	Agriculture
H.S.C.	Amrita Lal-Day College, Barisal, Bangladesh	2001	Second division (55.7% Marks)	-	Science
S.S.C.	Madhya Madanpura Secondary School, Bauphal, Patuakhali.	1999	First division (78.9% Marks)	-	Science

EMPLOYMENT:

Position	Organization	Duration
Scientific Officer	Soil Science Division, BRRI, Gazipur.	3 rd June, 2012 to Present
Assistant Executive Officer	Janata Bank Ltd, Bangladesh.	12 th October, 2011 to 31 st May, 2012
Scientific Officer	Coordinated Project on Arsenic in Soil, Crop and Water System, Soil Science Division, BRRI, Gazipur.	29 th May, 2011 to 30 th September, 2011
Research Associate	Project on Leaching loss of N, P, K and S in Old Brahmaputra Floodplain Soil, Department of Soil Science, Bangladesh Agricultural University, Mymensingh, Bangladesh.	16 th November, 2008 to 15 th November, 2009

RESEARCH WORKS:

- ▶ Effect of different rates of potassium (K) and nitrogen (N) on the yield of BRRI MV rice varieties
- ▶ Effect of Magic Growth (liquid fertilizer) on the Yield of BRRI MV Rice
- ▶ Long-term missing element (N, P, K, S and Zn) effects on rice cultivation
- ▶ Nutrient Management for Rice in Unfavorable Ecosystem
- ▶ Physico-chemical properties of coastal saline soil
- ▶ Status of arsenic in soil, ground water and rice plant in some selected upazilas of Bangladesh
- ▶ Leaching loss of N, P, K and S in Old Brahmaputra Floodplain Soil.

RESEARCH INTEREST:

- ▶ Nutrient cycling in rice field
- ▶ Interaction effects among soil nutrients on rice
- ▶ Mitigation of greenhouse gases from agriculture
- ▶ Enhancing nutrient (N, P, K and S) use efficiency for rice
- ▶ Effects of biochar on both soil fertility and carbon sequestration
- ▶ Ecology of Saline/Problem Soil: Cycling of nutrients in saline soil/problem soil for rice
- ▶ Mitigation of salinity from rice soil
- ▶ Fertilizer management in saline/problem soil for rice

OTHER SKILLS:

- ▶ Three days training on “Fertilizer Recommendation Guide-2012”, 11-13 November 2014, BARC, Dhaka, Bangladesh.
- ▶ Two month training on ‘Rice Production’, 2014 from BRRI, Gazipur, Bangladesh.
- ▶ Three days training on ‘Operation of Laboratory Equipment’, 2013 from BRRI, Gazipur, Bangladesh.
- ▶ Two days training workshop on ‘Agricultural Production System Simulation (APSIM) Model’ of ACCA Project, 2013 from IRRI, Bangladesh.
- ▶ Three days training on ‘Rice Breeder Seed Production and Preservation’, 2013 from BRRI, Gazipur, Bangladesh.
- ▶ One week training on ‘Integrated Rice Production’, 2013 from BRRI, Gazipur, Bangladesh.
- ▶ One week training on ‘Rice Production Technology’, 2011 from BRRI, Gazipur, Bangladesh.
- ▶ Two weeks training on ‘Basics of MS Office’, 2009 from Graduate Training Institute, Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh.

PUBLICATIONS:

A. Scientific Journals

(a) Full Paper

(i) As Principal Author

1. **Islam, M. N.,** M. M. Rahman, M. J. A. Mian, M. H. Khan and R. Barua. 2014. Leaching Losses of Nitrogen, Phosphorus and Potassium from the Sandy Loam Soil of Old Brahmaputra Floodplain (AEZ-9) under Continuous Standing Water Condition. Bangladesh J. Agril. Res. 39(3): 437-446.
2. **Islam, M. N.,** M. M. Rahman, M. J. A. Mian, R. Barua and A. M. Kamal. 2013. Leaching Loss of NPKS in Silty Soil under Alternate Wetting and Drying Condition. Eco-friendly Agril. J. 6(04): 67-71.

3. **Islam, M. N.**, M. M. Rahman, M. J. A. Mian, R. Barua and A. M. Kamal. 2013. Leaching Loss of NPKS in the Old Brahmaputra Floodplain Soil under Continuous Standing Water Condition. *Eco-friendly Agril. J.* 6(04): 63-66.

(ii) As Co-author

1. Rahman, M. S., **M. N. Islam**, M. Z. Hassan, S. A. Islam and S. K. Zaman. 2014. Impact of water management on the Arsenic content of rice grain and cultivated soil in an arsenic contaminated area of Bangladesh. *J. Environ. Sci. & Natural Resources*, 7(2):43-46, 2014.
2. Barua, R., **M. N. Islam**, A. Zahan, S. Paul and Shamsunnaheer. 2014. Effects of Spacing and Number of Seedlings Hill⁻¹ on the Yield and Yield Components of BRRI dhan47. *Eco-friendly Agril. J.* 7(06): 65-68, 2014.
3. Barua, R., A. K. Ghoshe, S. M. Rahman, **M. N. Islam** and M R Biswash. 2014. Contemporary Yielding Knowledge of Rice Cultivation at Grassroots Level- A Study. *Eco-friendly Agril. J.* 7(06): 61-64, 2014.
4. Islam, M. S., A. M. Kamal, N. Islam, **M. N. Islam** and M. N. Parvez. 2013. Performance of Trellis Grown Vegetable Crops Cultivated on the Ails of Transplant Aman Rice cv. BRRI dhan39. *Int. J. Sustain. Agril. Tech.* 9(1): 19-23.
5. Kamal, A. M., M. A. Alam, M. Z. Uddin, M. M. Hossain and **M. N. Islam**. 2012. Impact of Organic Fertilizer on Physical and Chemical Properties of Soil as well as Yield and Quality of Mango. *J. Bangladesh Soc. Agric. Sci. Technol.* 9(1&2): 167-170.

B. Seminar/Workshop/Symposium Proceedings/Abstracts

(i) As Principal Author

1. **Islam M. N.**, P. K. Saha and M. I. U. Sarkar. 2014. Fertilizer Management for Rice in Ganges Tidal Coastal Zone. Abstracts of CPWF GDBC WLE Conference on Revitalizing the Ganges Coastal Zone. 21-23 October 2014, Dhaka, Bangladesh. p. 47.

REFERENCES:

<p>1. Dr. M. Mazibur Rahman Professor, Department of Soil Science, Bangladesh Agricultural University, Mymensingh, Bangladesh Cell : +88-01712022109 Tel (office) : (091) 55695-7 Ext.2434, (091) 61376 (Res.) Fax : +880-91-55810 E-mail: drmazibur@yahoo.com</p>	<p>2. Dr. M A Saleque Coordinator for Advanced Studies and Research (CASR), BRRI, Gazipur, Bangladesh. Cell: +88-01711060731 E-mail: asaleque_brri@yahoo.com</p>
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