

Curriculum Vitae of Masuda Akter

Personal Data

First name: Masuda

Last name: Akter

Age: 33

Position: Senior Scientific Officer

Place and date of birth: Tangail (Bangladesh), August 15, 1982

Citizenship: Bangladeshi

Sex: Female

Professional address:

Senior Scientific Officer,

Soil Science Division

Bangladesh Rice Research Institute, Gazipur-1701

Mobile no: +88-01912732621

E-mail: amilybri@yahoo.com

: masudabri@gmail.com



Field of Specialization: Soil Science (Soil Chemistry)

Worked as an investigator in the field of soil fertility and fertilizer management as well as integrated nutrient management under Soil Science Division at Bangladesh Rice Research Institute from November 2007 to January 2011. Performed in the analysis of different soil and plant macro and micro nutrients since joining.

Conducting research on “Identification of abiotic controls on paddy soil NH_4^+ release within a rice growing season to improve N fertilizer use efficiency in Bangladesh” as part of PhD in Ghent University, Belgium from February 2014 to September 2017.

Education:

Degree	Institution	Year	Subject/Paper Studied
M. Sc. in Physical Land Resources (Soil Science)	Ghent University, Ghent, Belgium	2013	
M. S. in Entomology	Bangladesh Agricultural University, Mymensingh	2007	Insect Nutrition and Biochemistry, Insect Pest Management, Insect Pathology, Entomological Technique, Industrial Entomology, Insecticide Toxicology, Insect Taxonomy I, Insect Physiology, Insect Ecology, Pesticide Management, Stored Product Pests, Experimental Design.
B. Sc. Ag. (Hons.)	Bangladesh Agricultural University, Mymensingh	2004	Soil Science, Agronomy, Horticulture, Plant Pathology, Entomology, Crop Botany, Genetics & Plant Breeding, Agroforestry, Agricultural Extension Education, Agricultural Economics, Statistics, Agricultural Chemistry, Physical & Analytical Chemistry, Organic Chemistry, Biochemistry, Rural Sociology, Farm Mechanics and Animal Husbandry.

Training:**a) In Country:**

Organization	Year	Duration		Name of programme
		Mos.	Days	
BARC, Dhaka	2008	0	03	Use of Fertilizer Recommendation Guide-2005
BRRI, Gazipur	2008	0	05	Hybrid Rice Development and Seed Production
BRRI, Gazipur	2008	1	0	One-Month Rice Production Training
GTI, BAU, Mymensingh	2008	0	13	Research Methodology Training
BARD, Comilla	2009	4	0	Foundation Training Course for NARS Scientists
BRRI, Gazipur	2009	0	05	Breeder Seed Production Technology
BARC, Dhaka	2010	0	06	Use of Manual for Fertilizer Analysis

Employment History:

Post Held	Organization	Duration
Scientific Officer, Soil Science Division	Bangladesh Rice Research Institute	12 th November, 2007 to 26 th November 2012
Senior Scientific Officer, Soil Science Division	Bangladesh Rice Research Institute	27 th November, 2012 to date

Publications:

Ten full-length papers have been published in national journals.

(a) Scientific Journals:

Full paper as Principal Author

i) Akter, M., M. A. Haque, M. A. Monsur, M. K. Quais and H. Begum. 2009. Biological Activity of Celafloor Against Pulse Beetle, *Callosobruchus maculatus* (Fab.). *Bangladesh j. entomol.* 19(1): 79-89.

Full paper as Co-author

i) Saha, P. K., M. Akter, M. Hossain and S. K. Zaman. 2012. Zinc and Nitrogen Interaction in HYV Rice Grown in Calcareous Soil. *Bangladesh Rice J.* 16: 41-45.

ii) Saha, P. K., S M M Islam, M. Akter and S. K. Zaman. 2012. Nitrogen Response Behaviour of Developed Promising Lines of T.Aman Rice. *Bangladesh J. Agril. Res.* 37(2): 207-213.

iii) Saha, P. K., M. Akter, M. A.M. Miah and S. K. Zaman. 2011. Effects of Organic and Inorganic Sources of K on Rice Yield and Soil K Balance in the Rice-Rice Cropping System. *Bangladesh J. Agril. Res.* 36(2): 305-311.

iv) Rahman, M. Z., M. A. A. Mamun, M. P. Ali and M. Akter. 2010. Integrated Use of Cowdung and Acacia Leaves with Inorganic Nitrogenous Fertilizer in Rice Cultivation. *Bangladesh J. Prog. Sci. & Tech.* 8(2): 275-278.

v) Rahman, M. Z., M. A. A. Mamun, M. P. Ali and M. Akter. 2010. Nutrient Uptake and Soil Properties as Influenced by Integrated Use of Organic Manures and Inorganic Fertilizers in Rice Cultivation. *Bangladesh J. Prog. Sci. & Tech.* 8(2):291-294.

- vi) M. K. Quais, K. S. Islam, M. Jahan, M. A. Monsur and **M. Akter**. 2010. Evaluation of Neem, Mahogoni and Karanja Oils for their Residual Effect Against Pulse Beetle, *Callosobruchus chinensis* and Seed Viability. *Bangladesh j. entomol.* 20(2): 99-108.
- vii) Rahman, F., A .T. M. S. Hossain, **M. Akter** and R. Khanam. 2009. Effect of Different Aged Poultry Litter on Growth, Yield and Economics of Wetland Boro Rice. *Eco-friendly Agril. J.* 2(11):920-925.
- viii) Saha, A. K., I. Hossain, M. A. Monsur, M. K. Quais and **M. Akter** 2009. Effect of Amistar and Garlic Extract in Controlling Purple Blotch and Storage Diseases of Onion. *Bangladesh J. Plant Pathol.* 25(1 & 2):67-70.
- ix) Begum, H., M. Z. Islam, A.I.Saki, and **M. Akter**. 2009. Effect of Different pH Levels on Plant Regeneration from the Explants of Jute (CVE-3, O-72) (*Corchorus capsularis* and *Corchorus olitorius*). *Bangladesh J. Agril. Res.* (In press).

(b) Poster Presented:

- i) Contributed a poster presentation entitled '**Greenhouse gas emission in sub-tropical paddy soils of Bangladesh**' in the national workshop on "**Greenhouse gas (GHG) emissions from rice field: finding mitigation options from fertilizer deep placement and wetting and drying**" August 26-27, 2014, Bangladesh Agricultural Research Council (BARC), Dhaka, Bangladesh.
- ii) A poster presentation entitled "**Influence of N and water management on greenhouse gas emission, N and micronutrients availability in paddy soils of Bangladesh**" in the international workshop on "**Biogeochemistry of submerged agro-ecosystems: properties, processes, cycles and functions**" 21 - 25 September, 2014, Kardinal - Döpfner – Haus, Freising, Germany.

Referees:

01. Dr. M. A. Saleque
 Coordinator of the Advanced Studies and
 Research and Chief Scientific Officer
 Bangladesh Rice Research Institute
 Gazipur-1701, Bangladesh
 Telephone: +88-02-9257401-5Ext.468
 Mobile: +88-01711060731
 E-mail: asalaque_brri@yahoo.com

02. Dr. ir. Steven Sleutel
 Professor
 Department of Soil Management
 Faculty of Bioscience Engineering
 Ghent University, Ghent, Belgium
 Tel + 32 (0)9 264 6055
 E-mail: steven.sleutel@UGent.be