

Curriculum Vitae

Name: Md. Romel Biswash

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Date of birth: 20th October 1988

Nationality: Bangladeshi

Religion: Islam

Passport Number: BW0230430

Educational Qualification:

Name of the Examination	Course duration	Passing year	Board/University	GPA /CGPA
S.S.C (Science group)	10 years	2003	Rajshahi	4.19
H.S.C (Science group)	2 years	2005	Rajshahi	4.20
B.Sc.Ag. (Hons.)	4 years	2009 (Held on 2010)	Sher-e-Bangla Agricultural University	3.54 (Out of 4.00)
M.S. in Genetics and Plant Breeding	18 months	2013 (Held on 2014)	Sher-e-Bangla Agricultural University	3.20 (Out of 4.00)
PhD	4 Years	28 August 2018 to still on going		

Title of MS Thesis: “CHARACTER ASSOCIATION AND PATH ANALYSIS OF T. AMAN RICE VARIETIES (*Oryza sativa* L.)”.

Date of joining: 03 June 2012

Work experience (9 years 01 months 09 days working experience at BRRI) (Up to 12/07/2021)

I am working at Adaptive Research Division (ARD) in BRRI. BRRI has 19 divisions. Transfer the mature technology to farmer's field is the main work of ARD. At present, I am doing the following divisional work:

- Worked for the development of different rice varieties like stress tolerant (PQR, MN rich, Salinity, Submergence, Drought and Cold) and high yielding varieties by conducting Advanced Lines Adaptive Research Trial (ALART).
- Conducting PVS (Participatory Varietal Selection) trials.
- Dissemination of newly released BRRI varieties and technologies to the farmers.



- Participated as resource personnel in different field day.
- Participated in farmer's training program as resource personnel under different projects.

List of training (6)

Sl No.	Organization	Duration		Name of Programme	Grade
		Month	Day		
01.	BRRI	Two month	-	Two Month Rice Production Training	Distinction
02.	BRRI	-	Three days	Training on Experimental Design, layout and Statistical analysis	Satisfactory
03.	BRRI	-	Seven days	1 Week Rice Production Training	Distinction
04.	BARC	-	Four days	Farming Systems Research and Development	Satisfactory
05.	GTI	Two weeks	-	Research Methodology	Satisfactory
06.	CATAS, China	Three Weeks	-	Integrated Prevention and Control of Agricultural Crop Diseases and Pests.	-

List of Publications: 21 (Main author 7)

Full Scientific Papers as the Principal Author (6)

1. **Md Romel Biswash**, Hai-long Lu, Ge Dong, Xian He, Jiu-yu Li and Ren-kou Xu. 2021. Effect of root surface charge on the absorption and accumulation of Cu(II) by different japonica and indica rice varieties under acidic condition. *Ecotoxicology and Environmental Safety*.223:112547
2. **M.R. Biswash, M. Sharmin, N.M.F. Rahman, T. Farhat & M.A. Siddique.** 2016. Genetic Diversity in Modern T. Aman Rice Varieties of Bangladesh (*Oryza sativa* L.). *Sains Malaysiana.*, 45(5): 709–716.
3. **M. R. Biswash**, M. A. Islam, M. R. Islam, B. Karmakar, A. Zahan, R. Barua and M. S. I. Mamin. 2015. Performance of Some Rainfed Low Land Rice Genotypes in Different Agro-Ecological Conditions of Bangladesh. *App. Sci. Report.*, 9 (3): 161-165.
4. **M R Biswash**, M Haque and M. Sharmin. 2015. Effects of Reduced Rates of N, P, K, S and Zn on the Growth and Yield of BRRI dhan49. *World Journal of Agricultural Sciences.*, 11 (1): 08-12.

5. **R Biswash**, N Zeba, M Sharmin, N M F Rahman, T Farhat and M Ahmed. 2015. Character Association of T. Aman Rice (*Oryza sativa* L.) Varieties of Bangladesh. *American-Eurasian J. Agric. & Environ. Sci.*, 15 (3): 478-484.
6. **M R Biswash**, M W Rahman, M M Haque, M Sharmin and R Barua. 2014. Effect of potassium and vermicompost on the growth, yield and nutrient contents of mung bean (BARI Mung 5). *Open Science J. of Bioscience and Bioengineering.*, 1(3):33-39.
7. **M R Biswash**, M Sharmin, M M Haque, G S Jahan and M M E Ahmed. 2014. Applied on Various Inorganic Fertilizers in Soil and to Evaluate the Effect of Nutrient Content and Uptake of T. Aman Rice (BRRI dhan49). *European Journal of Applied Sciences.*, 6 (3): 50-56.

Full Scientific Papers as the Co- Author (14)

8. Hai-long Lu, Jackson Nkoh Nkoh, **Md Romel Biswash**, Hui Hua, Ge Dong, Jiu-yu Li and Ren-kou Xu. 2021. Effects of surface charge and chemical forms of manganese(II) on rice roots on manganese absorption by different rice varieties. *Ecotoxicology and Environmental Safety*. 207:111224.
9. B Karmakar, M A A Mamun, M S Rahman, M A Islam, M R Islam, M H R Mukul, Shamsunnaher, A Zahan , R Barua, **M R Biswash**, S Parveen, S Akter, N Y Shaikh and B Ahmed. 2019. Adaptation of Promising Rice Genotypes for Broadcast Aus Season. *Bangladesh Rice J.* 23 (2): 35-48.
10. Emam Ahmed MM, Haque MM, Arif Hasan Khan Robin ABM, Hossain MA and **Biswash MR**. 2016. Assessment of Seedling Growth of Deepwater Rice Genotypes under Osmotic Stress Condition. *J Rice Res.*, 4:3.
11. R Barua, **M. R. Biswash**, M. A. Islam, M. R. Islam, B. Karmakar, A. Zahan, M. S. I. Mamin. 2015. Performance of Some Salt Tolerant Rice Genotypes in Coastal Regions of Bangladesh under Irrigated Dry Season. *App. Sci. Report.*, 11 (72-75): 72-75.
12. M. S. I. Mamin, **M. R. Biswash**, R. Barua, A. Zahan, S. Naher, M. H. R. Mukul, B. Karmakar, M.R. Islam and M. A. Islam. 2015. Performance of Some Zinc Enriched Rice Genotypes in Different Agro-Ecological Conditions of Bangladesh. *Sci. Agri.*, 11 (1): 15-19.

13. Biswajit Karmakar, MA Islam, MR Islam, MHR Mukul, **MR Biswash**, R Barua, A Zahan, S Naher, P Saha, S Parveen and MSI Mamin. 2015. On-farm Evaluation of Rice Genotypes under Drought Prone Rainfed Environments. *Sci. Agri.*, 12 (2): 72-77.
14. M. M Haque, R R Majumder, T K Hore, **M R Biswash**. 2015. Yield contributing characters effect of submerged water levels of boro Rice (*Oryza sativa* L.). *Sci. Agri.*, 9 (1): 23-29.
15. M M Haque, E Pervin and **M R Biswash**. 2015. Identification of Potential Hybrid Rice (*Oryza sativa* L.) Variety in Bangladesh by Evaluating the Yield Potential. *World Journal of Agricultural Sciences.*, 11 (1): 13-18.
16. M S H Bhuiyan, A Zahan, H Khatun, **M R Biswash** and Subrima Islam. 2014. PERFORMANCE OF GENETIC VARIABILITY AND HETEROSIS FOR TEST CROSS RICE HYBRID. *Eco-friendly Agril. J.* 7(11): 142-147.
17. R Barua, A K Ghoshe, S M Rahman, MN 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.
18. M M Haque, **M R Biswash**, M W Rahman, M Sharmin and Shammunnahar. 2014. Combination of potassium and vermicompost in different Stage on growth and yield of mungbean (*Vigna radiata* L.) cultivar. *J. Agric. Food. Tech.*, 4(8)8-15.
19. M Haque and **M R Biswash**. 2014. Characterization of Commercially Cultivated Hybrid Rice in Bangladesh. *World Journal of Agricultural Sciences.*, 10 (6): 300-307.
20. Shammunnahar, M A Gaffar, M H R Mukul, **M R Biswash** and A Zahan. 2013. STUDY ON THE APPROPRIATE DOSE OF BAP FOR REGENERATION OF KNAF (*HIBICUS CANNABINUS* L.). *Eco-friendly Agril. J.* 6(01):06-09
21. M S H Bhuiyan, A Zahan, H Katun, **M R Biswash** and A K M Z Rabbi. 2013. ASSESSING GENETIC VARIABILITY AND HETEROSIS OF YIELD AND YIELD ATTRIBUTES OF SOME F1 CROSSES OF RICE. *Intl. J. BioRes.*, 15(6): 20-27.

Professional References:

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