

**RESUME OF**  
**MD. MASUD RANA**



**MAILING ADDRESS**

Md. Masud Rana  
Scientific Officer, Agronomy Division  
Bangladesh Rice Research Institute,  
Gazipur-1701, Bangladesh

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**CAREER OBJECTIVES**

- To pursue higher education
- To build up career in Bangladesh Rice Research Institute, utilizing my excellent academic background, innovative skills and research experiences.
- To contribute effectively in the research field of crop physiology, better crop management and weed science to address the food security issue in my country.

**RESEARCH INTEREST**

- Fundamental problems relating to crop production particularly focusing on rice: a major food crop of Bangladesh
- Green house gas emission from wet land rice field
- Crop modeling
- Natural resource conservation
- Managing herbicide resistance in rice based cropping systems
- Effect of pesticides on soil environment and microorganism
- Develop advance technology on post harvest loss minimization

**PERSONAL INFORMATION**

Name : **Md. Masud Rana**  
Father's Name : Md. Nur Amin  
Mother's Name : Most. Sufiya Begum  
Nationality : Bangladeshi (By Birth)  
Designation : Scientific Officer  
Institution : Bangladesh Rice Research Institute, Gazipur, Bangladesh  
Date of Birth : 5<sup>th</sup> May, 1987  
Religion : Islam (Sunni)  
Sex : Male  
Marital Status : Married

**PROFESSIONAL EXPERIENCE**

Position	Organization	Period		
		From	To	Total Yr/Mo.
Business Consultant	GMark Consulting Ltd	1 January, 2011	30 May, 2012	1 Year 5 Months
Scientific Officer	Bangladesh Rice Research Institute	3 June, 2012	To date	

### ACADEMIC QUALIFICATION

Name of Examination	Board/University	Year of Passing	Group/Faculty	GPA/CGPA
Master of Science in Agronomy	Bangladesh Agricultural University, Mymensingh	2010	Agronomy	3.961(out of 4.00)
Bachelor of Science in Agriculture	Bangladesh Agricultural University, Mymensingh	2009	Agriculture	3.899 (out of 4.00)
H.S.C	Rajshahi	2004	Science	5.00 (Out of 5.00)
S.S.C	Rajshahi	2002	Science	4.75 (Out of 5.00)

### TRAINING

Organization	Year	Duration (Days)	Name of the training program
Graduate Training Institute, Mymensingh	2009	15	Basics of MS Office
British Council	2011	3	Advanced Writing Skill
Bangladesh Rice Research Institute, Gazipur	2012	5	Aqua Crop Modeling
Bangladesh Rice Research Institute, Gazipur	2013	5	Decision Support System for Agrotechnology Transfer (DSSAT)
Seed Certification Agency	2013	3	Seed Quality Control and Seed Legislation
Krishi Gobeshona Foundation	2013	6	Crop Physiology and Climate Change
Krishi Gobeshona Foundation	2013	8	Modeling Climate Change Impact on Bangladesh Agriculture
Bangladesh Rice Research Institute, Gazipur	2014	60	Two-month rice production training
Graduate Training Institute, Mymensingh	2014	13	Research Methodology

### LANGUAGE PROFICIENCY

Language	Standard of proficiency		
	Reading	Writing	Speaking
English	Good	Good	Good
Bengali	Very Good	Very Good	Excellent

### ***LIST OF PUBLICATIONS: Full Research Article (Total No. 16; as Principal author: 4, as Co-author: 12)***

#### **2014**

1. **M M Rana**, M A A Mamun, A Zahan, M N Ahmed and M A J Mridha. 2014. Effect of Planting Methods on the Yield and Yield Attributes of Short Duration *Aman* Rice, *American Journal of Plant Sciences*, 5(3): 251-255.  
<http://dx.doi.org/10.4236/ajps.2014.53033>
2. **M M Rana**, M A A Mamun, M Habibullah, M I U Sarkar and M A J Mridha. 2014. Use of Gramoxone 20SL (Paraquat) prior to land preparation on controlling aquatic

weeds in wetland areas of Bangladesh. *American Journal of Plant Sciences*. 5(3):358-363.

<http://dx.doi.org/10.4236/ajps.2014.53048>

3. M Iqbal, M N Ahmed, M I U sarkar1, **M M Rana** and M H Kabir, 2014, Effect of tillage on crop productivity under rice-maize-mungbean cropping system, *Eco-friendly Agricultural Journal*, 7(5): 45-49.

<http://efaj-international.com/wp-content/uploads/2014/06/1-EFAJ-705-45-49-2014.pdf>

4. M Arifullah, A Zahan, **M M Rana**, M Adil and Shamsunnaher, 2014, Attitude of the Rural Elite Farmers towards Extension Activities Performed by Personnel of Department of Agricultural Extension, *The Agriculturists*, 12(1): 96-102.

<http://dx.doi.org/10.3329/agric.v12i1.19586>

### 2013

5. M A A Mamun, R Shultana, **M M Rana** and M A J Mridha. 2013. Economic Threshold Density of Multi Species Weed for Direct Seeded Rice. *Asian Journal of Agriculture and Rural Development*. 3(8): 523-531.

<http://www.aessweb.com/journals/5005/August2013>

6. M A A Mamun, **M M Rana** and A J Mridha. 2013. Tray Soil Management in Raising Seedlings for Rice Transplanter. *Canadian Journal of Pure & Applied sciences*. 7(3):2481-2489.

[http://demo.cjpas.net/wp-content/uploads/pdfs/7/3/previous\\_issue\\_03.pdf](http://demo.cjpas.net/wp-content/uploads/pdfs/7/3/previous_issue_03.pdf)

7. M A A Mamun, **M M Rana**, A J Mridha, M A Rahman. 2013. Determination of seedling age for rice transplanter. *Scientific Journal of Crop Science*. 2(8) 116-124.

<http://www.sjournals.com/index.php/SJCS/issue/view/153>

8. **M M Rana**, M S U Bhuiya, M I M Akhand. 2013. Effect of Intercropping of *Sesbania rostrata* with Transplant Aman Rice on Yield and Profitability. *IOSR Journal of Agriculture and Veterinary Science*. 2(1):10-14.

<http://dx.doi.org/10.9790/2380-0211014>

9. P C Dhar, M A Awal, M S Sultan, **M M Rana** and A. Sarker. 2013. Interspecific Competition, Growth and Productivity of Maize and Pea in Intercropping Mixture. *Scientific Journal of Crop Science*. 2(10):136-143.

<http://www.sjournals.com/index.php/SJCS/issue/view/172>

10. M Kadiruzzaman, A Sarker, **M M Rana**, M I M Akhand, A Zahan and M I U Sarkar. 2013. Study on the Use of Rhizobacteria as an Alternative of Phosphatic Fertilizers in Tomato Cultivation. *International Journal of BioResearch*. 15(2):11-17.

### 2012

11. **M M Rana**, M A A Mamun, M I M Akhand, M K A Bhuiyan, M A J Mridha. 2012. Weed control in transplanted rice: Efficacy of Fenoxaprop-p-Ethyl. *Bangladesh Journal of Weed Science*. 3(1&2):53-58.

12. A Karim, **M M Rana**, A Hossain, A N M S Karim and M A Hossain. 2012. Seed Yield and Yield Attributes of Groundnut as Influenced by Time of Weed Management. *Bangladesh Journal of Weed Science*. 3(1&2):65-68.

13. M A A Mamun, R Shultana, B C Roy, **M M Rana**, A Parvez and M A J Mridha. 2012. Effect of Transplanting with Separated Tillers and Planting Time on the Performance of Boro Rice. *Bangladesh Agronomy Journal*. 15(2):83-88.

14. M A Mannan, M S U Bhuiya, M I M Akhand and **M M Rana**. 2012. Influence of Date of Planting on the Growth and Yield of Locally Popular Traditional Aromatic Rice Varieties in Boro Season. *Journal of Science Foundation*. 10(1):20-28.  
<http://dx.doi.org/10.3329/jsf.v10i1.16275>
15. R Jamal, **M M Rana**, A B M Anwar Uddin and M Jahan. 2012. Ecofriendly Management of Rice Weevil, *Sitophilus oryzae* L. in Storage with some Botanicals. *Bangladesh Journal of Entomology*. 22(2):93-114.
16. M A Mannan, M S U Bhuiya, M I M Akhand, M K A Bhuiyan and **M M Rana**. 2012. Performance of Photoperiod Sensitive Modern Aromatic Rice Varieties as influenced by Planting dates in Boro Season. *Bangladesh Agronomy Journal*. 15(2):29-36.

I hereby declare that the above statements are correct and complete to the best of my knowledge.



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(Md. Masud Rana)