

**MD. MAHBUBUR RAHMAN DEWAN**

**B. Sc. Ag., M.S. (Horticulture)**

**CURRICULUM VITAE**

Mailing Addresses:

Principal Scientific Officer

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Citizenship: Bangladeshi

Date of Birth: November 12, 1976

Sex: Male

Field of Specialization: Rice Farming Systems Agronomist

**Academic Qualifications:**

<b>Degree</b>	<b>Institution/ Board</b>	<b>Year</b>	<b>Class/ Division</b>	<b>Subject/Paper Studied</b>
M.S. in Horticulture	Bangladesh Agricultural University	2003	1st	Vegetable crop Management, Fruits crop management, Adv. fruits production, Adv. Vegetable production, Adv. Nursery management, Adv. Research methodology, Hort. Plant Biotechnology, Postharvest technology of fruits & vegetable, Physiology of Hort. Crop yield, Ornamental & landscape Horticulture, Spices & Plantation crops, Production & management of medicinal plants
B. Sc. Ag.	Bangladesh Agricultural University	1998	1st	Horticulture, Soil Science, Agronomy, Plant Pathology, Entomology, Crop Botany, Genetics & Plant Breeding, Agricultural Extension, Agricultural Economics, Statistics, Mathematics, Agricultural Chemistry, Physical & Analytical Chemistry, Organic Chemistry, Biochemistry, Rural Sociology, Farm Mechanics and Animal Husbandry.
HSC	Rajshahi	1994	1st	Bangla, English, Mathematics, Physics, Chemistry, Biology
SSC	Rajshahi	1992	1st	Bangla, English, Mathematics, Higher Math., General Science, Geography, Religion, Agricultural Science

**Training Courses Completed:**

Name of the Course	Institution/Country	Duration		Year
		Month	Days	
Foundation Training Course	Bangladesh Academy for Rural Development, Comilla	4	-	2006
Post Graduate Certificates course on Seed technology	BSMRAU, Gazipur	3	-	2006
Rice Production Training	Bangladesh Rice Research Institute, Gazipur	1	-	2008
Adaptive Nutrition	Sech Bhaban, Manik Mia Avenue, Dhaka	-	5	2009
Breeder Seed Production and preservation of Rice	Bangladesh Rice Research Institute, Gazipur	-	5	2009
Technical Report writing and Editing	Bangladesh Agricultural Research Council, Dhaka	-	5	2010
Research Methodology	Graduate Training Institute, Mymensingh	-	12	2010
Seminar on Hybrid Rice for Bangladesh	Longping High-tech Agril. Co. Limited, Chansha, China	-	20	2011

**Employment Records:**

Position	Organization	Duration
Principal Scientific Officer (Rice Farming Systems Division)	Bangladesh Rice Research Institute, Gazipur, Bangladesh	December 2022 to till
Senior Scientific Officer (Rice Farming Systems Division)	Bangladesh Rice Research Institute, Gazipur, Bangladesh	January 2011 to December, 2022
Scientific Officer (Rice Farming Systems Division)	Bangladesh Rice Research Institute, Gazipur, Bangladesh	July 2005 to January 2011

**Research Experience:**

- Worked in the field of Rice Farming Systems at Bangladesh Rice Research Institute, Gazipur, from July 2005 to till.
- Identifying the problems of different crop(s) and cropping systems through survey and prioritize for different ecosystems.
- Planning, execution & supervision of research program, testing, evaluation & adoption of cropping patterns and component technologies suitable for different Agro-ecological Zones in Bangladesh.
- Worked with minimum tillage, strip tillage using PTOS.
- Fine-tuning of technologies through adaptive research in farmers field.
- Survey of cropping patterns and its improvement.

### **Awards:**

1. Obtained distinction on “One Month Rice Production Training Course” held at BRRI, Gazipur
2. Obtained “BRRI Award-2014”

### **Publications:**

A number of eighteen full-length papers have been published in national and international journals. List of publications is enclosed.

### **List of Publications**

#### Full paper as **Principal Author**

- 1) **Dewan M M R**, M Harun Ar Rashid, M Nasim and S M Shahidullah. Diversity of Crops and Cropping Systems in Jessore Region. 2017. Bangladesh Rice Journal. 21(2): 185-202
- 2) **Dewan M M R**, S Mondal, S A Islam, M H R Mukul, and M A Hossen. 2014. Study on Correlation and Path Analysis of the Yield Contributing Characters of Different Ash gourd Accessions. Eco-friendly Agril. J. 7(01):1-5.
- 3) **Dewan M M R**, M G Rabbani, M. A. Naher, S. Pramanik and M. K. Quais. 2013. Genetic Diversity of Ash Gourd (*Benincasa hispida*) Genotypes. Bangladesh J. Pl. Breed. Genet., 26(2): 01-08.
- 4) **Dewan M M R**, M A Haque, M A Hossen, S A Islam and M H R Mukul. 2009. Variability Study of Yield and Yield Contributing Characters of Forty-six Ash gourd Accessions. Eco-friendly Agril. J. 2(2):433-437.
- 5) **Dewan M M R**, M S A Talukder, M. A. Hossen, M R A Sarker and S A Islam. 2008. A Study on Mustard Seed Quality in Different Storage Containers. Eco-friendly Agril. J. 1(4):198-201.

#### Full paper as **Co-author**

- 1) Khatun A, N Parvin, **M M R Dewan** and A Saha. Cropping Patterns in Mymensingh Region: Diversity, Constraint and Potential. 2017. Bangladesh Rice Journal. 21(2): 217-235

- 2) Shirazy, B J A B M J Islam, **M M R Dewan** and S M Shahidullah. Crops and Cropping Systems in Dinajpur Region. 2017. Bangladesh Rice Journal. 21(2): 143-156
- 3) Quais M K, **M M R Dewan**, A Khatun, H Sultana. 2015. Rice Yield Gap Minimization in Central Bangladesh: Using and Adapting Existing Technologies. Open Access Library Journal. 2:e1641.
- 4) Mondal S, M I U Mollah, M H Rashid, S Pramanik and **M M R Dewan**. 2012. System Productivity of Rabi Vegetables and Aman Rice Varieties in Rabi Vegetables-Mungbean-Aman Rice Cropping Pattern. The Agriculturists. 10(2): 120-126.
- 5) Saha A, M K Quais, **M M R Dewan** and M H Ali. 2011. Evaluation of Transplanting and Drum Seeding of Boro Rice under Different Planting Time. Intl. J. BioRes. 11(5): 28-33
- 6) Islam S A, **M M R Dewan**, M H R Mukul, M A Hossen and F Khatun. 2010. *In vitro* generation of *Anthurium andreaenum* cv. Nitta. Bangladesh J. Agril. Res. 35(2):217-226.
- 7) Hossain M I, A Khatun, M S A Talukder, **M M R Dewan** and M S Uddin. 2010. Effect of drought on physiology and yield contributing characters of sunflower. Bangladesh J. Agril. Res. 35(1):113-124.
- 8) Alam M S, M M Hossain, M N A Miah, **M M R Dewan** and M F Mondal. 2010. chemical composition of Papaya influenced by different post harvest treatments. Eco-friendly Agril. J. 3(1):71-74.
- 9) Islam M J, H Begum, M A Siddique, A Bhuiya and **M M R Dewan**. 2009. A study on Wheat seed quality in different storage containers. Eco-friendly Agril. J. 2(12):1033-1037.
- 10) Mollah M I U, M J Islam, **M M R Dewan**, S Mondal M K Quais and S Pramanik. 2009. Effect of Raised bed sowing on growth of direct seeded Aman in Rice-Wheat cropping system. Intl. J. BioRes. 7(4):52-58.
- 11) Mollah M I U, M J Islam, **M M R Dewan**, S Mondal M K Quais and S Pramanik. 2009. Effect of Raised bed planting on leaf area of direct seeded and transplant

- Aman rice and its relationship with grain yield. *Eco-friendly Agril. J.* 2(10):851-857.
- 12) Mollah M I U, A Saha, **M M R Dewan**, S Pramanik, S Mondal and M K Quais. 2009. Growth of transplanted Aman rice under raised bed planting method in Rice-Wheat cropping system. *Eco-friendly Agril. J.* 2(8):751-756.
  - 13) Mukul M H R, M A Haque, **M M R Dewan**, S A Islam And M R Islam. 2009. Study of sorption and retention behaviour of potassium in soils. *Int. J. Sustain. Agril. Tech.* 5(2): 46-50.
  - 14) Islam S A, **M M R Dewan**, M H R Mukul, M A Haque and F Khatun. 2009. Effect of charcoal in regeneration of Anthurium Andranum CV. Nitta. *Eco-friendly Agril. J.* 2(3):456-463.
  - 15) Quais M K, A Haque, M A Monsur, **M M R Dewan** and S Pramanik. 2009. Effect of Neem, Mahogoni and Karanja Oils for on Oviposition, Adult Emergence and Mortality of Pulse Beetle, *Callosobruchus chinensis* Linn. *Intl. J. BioRes.* 6(2):7-12.
  - 16) Sarker M R A, S A Islam, M A Mannan, **M M R Dewan** and M A Hossen. 2009. Influence of Different Rates of Nutrients and Planting Density on the Yield of BRRI dhan44. *Intl. J. BioRes.* 6(1):7-11.
  - 17) Kabir M H, A Saha, M A H Khan, **M M R Dewan** and M S A Talukder. 2008. Utilization of Fallow Land Under Major Cropping Pattern in Barisal Division. *Intl. J. BioRes.* 5(3):53-59.
  - 18) Hossen M K, **M M R Dewan**, M A Hossen, M H R Mukul and S A Islam. 2007. Study the Effect of Crop Establishment Method on the Agro Economic Productivity of Aman Rice. *Intl. J. BioRes.* 3(2):29-34.
  - 19) Hossen M A, M H R Mukul, S A Islam and **M M R Dewan**. 2006. Daily Water Requirement for Drinking and Cooking Purpose of the Rural People: A Case Study in Mymensingh District, Bangladesh. *Intl. J. BioRes.* 1(2):22-25.
  - 20) Hossen M A, M D Huda, **M M R Dewan**, S A Islam and T K Sarker. 2006. Arsenic test and removal from Tube Well Water at Control Flow Rate for Drinking Purpose. *Int. J. Sustain. Agril. Tech.* 2(5):26-30.

## **B) Short Communication**

- 1) Rashid M H, N Parvin, **M R Dewan** and M H Ali. 2014. Productivity of Dry Seeded and Transplanted Rice (*Oriza sativa*) in Aman Season. *Bangladesg J. Agril. Res.* 39(1): 185-187

## **Proceedings**

- (i) Quddus M. A., A H Khan, H Ali, I U Mollah, A Saha, M Ibrahim , H Rashid, MSA Talukder, M.H. Rashid and **M R Dewan**. Agroforestry activities of rice farming systems programme area, BRRI. Paper presented in national workshop on agro forestry held at BARC. June, 2007.

**Referees:**

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