Curriculum vitae

Hirendra Nath Barman
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Plant Physiology Division
Bangladesh Rice Research Institute
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1. General Information

Father's Name	:	Mohini Mohan Barman
Mother's Name	:	Promila Rani
Permanent Address	:	Post: Sundardighi, Village: Uttar Mallikadaha, Upazilla: Debiganj, District: Panchagarh
Present Address	:	Senior Scientific Officer, Plant Physiology Division, Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh
Nationality	:	Bangladeshi
Marital Status	:	Married
Blood Group	:	O^+ (+ve)
Date of Birth	:	31 January, 1982
Basic degree	:	B. Sc. (Hons.) in Agriculture M. S. in Horticulture & M. S. in Crop Botany
Field of specialization	:	Crop management, Research on rice stress physiology, training on rice physiology and technology transfer
Date of entry into service	:	12 November, 2007
Present salary	:	Basic Pay: Tk. 19300/- per month; Scale: Tk. 18500/- to 29700/-
Mailing address	:	Senior Scientific Officer, Plant Physiology Division, Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh

2. Academic Career

Degree/Diploma/ Certificate	*Class/Grade/Division*	*University/Board*	*Year*
M.S. in Crop Botany	A Grade	Bangladesh Agricultural University, Mymensingh	2010
M.S. in Horticulture	A Grade	Bangladesh Agricultural University, Mymensingh	2007
B. Sc. Ag. (Hons.)	First Division	Bangladesh Agricultural University, Mymensingh	2004
HSC (Science)	First Division	Rajshahi	2000
SSC (Science)	First Division	Rajshahi	1998

*B. Sc. Ag. (Hons.) Exam. Held in 2005

3. Present Job and Responsibility

Designation	*Name of employing organization*	*Date of joining*	*Date of leaving*	*Nature of duties*
Senior Scientific Officer	Bangladesh Rice Research Institute (BRRI), Gazipur	12 November, 2007	To date	• Research program building and completion. • Research on different aspects of rice stress physiology and crop management. • Data collection, analysis, result interpretation and presentation • Report writing and presentation • Training on "Rice Production Technologies" in different training course of BRRI and Farmers' rice school. • Technology transfer in farmers' field at different region of Bangladesh.

4. Research Experience

- Conducted research on rice stress physiology in order to develop modern varieties with high yield potentials. Also developed competent technologies for improving productivity of cropping systems, and transferred crop production technologies through training, workshops, seminars, symposia and publications.
- **Obtained professional training courses as mentioned below.**

Sl. No.	*Training course title*	*Duration*	Period		*Institution attended*
			From	To	
01	Hybrid Rice Technology	One week	06.04.08	10.04.08	BRRI, Gazipur
02	Rice production, Communication and Office Management	One month	27.07.08	25.08.08	BRRI, Gazipur
03	Genetic Theory of Hybrid Rice Breeding	Two weeks	25.04.11	08.05.11	BRRI, Gazipur
04	Research Methodology	Two weeks	08.10.11	20.10.11	GTI, BAU, Mymensingh
05	Breeder Seed Production and Preservation of Rice	Three days	03.03.12	05.03.12	BRRI, Gazipur
06	Data Management and Report Writing	Five days	08.04.12	12.04.12	IRRI office, Dhaka
07	Use and Maintenance of Modern Lab Equipments for NARS Scientists	Three days	16.04.12	18.04.12	BARI, Gazipur
08	Implication of Molecular Tools in Crop Improvement under Stress Environment	Five days	27.01.13	31.01.13	BRRI, Gazipur
09	Decision Support System for Agrotechnology Transfer (DSSAT)	Five days	09.02.13	13.02.13	BRRI, Gazipur
10	Rice: Research to Production	Nineteen days	20.05.13	07.06.13	IRRI, Philippines
11	Genetic Analysis Software	Six days	23.06.13	28.06.13	BRRI, Gazipur
12	Training program on decision support system for rainfed lowland rice production	Two days	22.08.13	23.08.13	IRRI, Indonesia
13	24th Foundation Training Course for NARS Scientists	Four months (120 days)	10.11.13	09.03.14	BARD, Comilla
14	Modeling Crop Growth using InfoCrop and WOFOST	Five days	19.08.14	23.08.14	BRAC-CDM, Savar,Dhaka
15	Modeling Impact of Climate Change on Crop by using DSAAT Model	Three days	26.08.14	28.08.14	BRAC-CDM, Savar,Dhaka
16	Hands-on Training on IDRISI and GIS	Four days	30.08.14	02.09.14	BRAC-CDM, Savar,Dhaka

5. Publications

Have full paper as Co-author published in research journal of home and abroad

1. Mondal, M. F and **H. N. Barman**. 2007. Effects of number of suckers per hill and plant nutrition on growth, yield and quality of banana. J. Bangladesh Soc. Agric. Sci. Technol., 4(1&2); 209-212.

2. Nahar, K., Biswas, J. K., Shamsuzzaman, A. M. M., Hasanuzzaman, M. and **H. N. Barman**. **2009.** Screening of Indica Rice (*Oryza sativa* L.) Genotypes Against Low Temperature Stress. Bot. Res. Intl. 2 (4): 295-303.

3. Roy, K. R., **Barman, H. N**., Biswas, P. L., Chowdhury, M. A. K. and N. M. Talukder. 2009. Response of Phosphorus and Sulphur on Nutrient Constituents of Aromatic Rice. Eco-friendly Agril. J. 2(9): 795-798.

4. M. S. Pervin, **H. N. Barman**, S. S. Parul and A. Islam. 2009. Effect of Depth and Duration of Submergence on Survival and Recovery of Rice (*Oryza sativa* L.) Seedlings. Bangladesh J. Prog. Sci. & Tech. 7(2):195-198.

5. M. A. A. Mahbub, J. K. Biswas, **H. N. Barman**, M. A. Haque and M. A. Ali. 2010. Performance of Breeding Lines Regarding the Seedling Quality, Elongation, Survival and Recovery Ability Under Submergence Condition. Eco-friendly Agril. J. 3(1): 16-21.

6. P. L. Biswas, **H. N. Barman**, S. Ghosal, S. Tohiduzzaman and M. Hazrat Ali. 2011. Stability Study for Growth Duration and Yield of Exotic Hybrid Rice Genotypes in Bangladesh. Bangladesh J. Agril. Res. 36(1): 97-102.

7. K. S. Akter, J. K. Biswas and **H. N. Barman**. 2012. Seed Priming and Seedling Establishment Under Anaerobic Conditions. Bangladesh Rice J. 16(1): 47-54.

8. M. S. Islam, J. K. Biswas and **H. N. Barman**. 2012. Seedling Establishment Ability of Some BRRI Varieties Under Anaerobic Conditions. . Bangladesh Rice J. 16(1): 55-58.

9. J. K. Biswas, M. A. Hasan and **H. N. Barman**. 2012. Anaerobic and Submergence Tolerance of Swarna Sub 1 and Some other Rice Genotypes. Bangladesh Rice J. 16(1): 95-100.

6. Knowledge of Computer and Training Equipment

- Have good computer knowledge in MSWord, Excel, PowerPoint, IRRI stat, MS stat, Adobe Photoshop, and Internet Explorer.
- Have good knowledge to operate the different training equipment such as multimedia, projectile, slide etc.

7. Professional Affiliations and Others

Association name	Type of member	From	To
Bangladesh Rice Research Institute Scientist's Association (BRRISA)	General Member	2007	to date
Bangladesh Botany Society	Associate Member Member No. A-381	2008	to date
Bangladesh Association for the Advancement of Science (BAAS)	General Member	2008	to date

8. Name of Referees

Dr. Jiban Krishna Biswas Director General Bangladesh Rice Research Institute, Gazipur 1701. Mobile: +88-01711960349 E-mail: biswas.jiban@gmail.com	**Dr. M. Obaidul Islam** Professor Department of Crop Botany Bangladesh Agricultural University, Mymensing 2202. Mobile: +88-01716334292 E-mail: obaidul7_mo@yahoo.com

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