

**Resume of  
Tuhin Halder**

BScAg(Hons.) in Agriculture, MS in Genetics and Plant Breeding  
Senior Scientific Officer  
Bangladesh Rice Research Institute  
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**Personal Info.**

Name : Tuhin Halder  
Father's name : Haripada Halder  
Mother's name : Archana Halder  
Permanent Address : Baulia, Shalikhha, Magura-7620  
Gender : Male  
Designation : Senior Scientific Officer  
Institution : Bangladesh Rice Research Institute  
Job Status : Autonomus  
Date of joining : 10/07/2013 (as Scientific Officer)  
Date of birth : 15/11/1989,  
Educational Qualification : MS in Genetics and Plant Breeding  
Marital Status : Married to Ripa Sen  
Height : 5' 4"  
Religion : Hindu  
Blood group : AB<sup>+ve</sup>  
Nationality : Bangladeshi  
Mobile No: : 01919897875  
Sex : Male

**Educational Qualification**

Degree	Grade	Year of Passing	Board/University
S.S.C	4.19	2004	Jashore
H.S.C	4.50	2006	Jashore
Bachelor of Science in Agriculture	3.92	2011	Patuakhali Science and Technology University
Master of Science in Genetics and Plant Breeding	4.00	2013	Patuakhali Science and Technology University

**Field of Specialization** : Plant Physiology, Abiotic stress tolerance  
in rice

## Training

### In Country

Organization	Year	Duration		Name of Programme
		Months/ weeks	Da ys	
Bangladesh Rice Research Institute	2020	-	03	Hands on Training on Data Analysis for Crop Modeling
Bangladesh Academy of Science	2019	-	03	BAS-TWAS-CASAREP young scientist meeting
Bangladesh Rice Research Institute	2019	-	05	Basic Molecular Biology and Disease Resistance
Bangladesh Rice Research Institute	2018	-	06	Rice Physiological Development through Trait Discovery.
Bangladesh Agricultural Research Institute	2018	-	05	Agronomic Research and Technology Development of Major Crops
Bangladesh Rice Research Institute	2017	-	05	Hybrid Rice Development and Seed Production Training.
BMD, Dhaka Bangladesh Meteorological Department	2016	-	15	Basics on Agro Meteorology, linux, weather Research and Forecasting (WRF) Model and Climate prediction Tool (CPT) Training Course
Bangladesh Rice Research Institute	2015	-	05	Experimental Design and Data Analysis Training Course
Bangladesh Agricultural Research Institute	2014	-	03	Use of Fertilizer Recommendation Guide -2012
Bangladesh Rice Research Institute	2014	2	-	Two month Rice Production Training Course,
Bangladesh Rice Research Institute	2013	-	03	Training on Operation of Laboratory Equipment

### Abroad:

Organization	Year	Duration		Name of Programme
		Months /weeks	Day s	
International Rice Research Institute	2016- 2017	3 months	-	High-throughput abiotic stress (drought, submergence, water stagnation and salinity screening )

## Publications

### Full Scientific Article

1. **Halder T**, Hoque M E, M, Islam M M , Liakat Ali L, Chowdhury A K. 2016. Morphomolecular Characterization of Local Boro Rice (*Oryza Sativa* L.) Germplasm. Bangladesh J. Pl. Breed. Genet., 29(2): 01-09.
2. Rahman, N.M.F., M.C. Rahman., M.A. Baten., M.I. Hossain., S.M.Q. Hassan., R. Ahmed., M.M. Hossain., A.B.M.Z. Hossain., M.A. Aziz., M.M. Haque., T. Halder., M.A.A. Mamun., M.K.A. Bhuiyan., , M.A.I. Khan., A. Chowdhury., M.A. Qayum.,

M.A.R. Sarkar., M.U. Salam., M.S. Kabir., 2021. Weather forecast based rice advisory services in Bangladesh. *Bangladesh Rice Journal*. 25(1):51-74

3. Biswas A, Ahmed M M E, **Halder T**, Akter S, Yasmeen R & Rahman M S. 2019. Photosensitive Rice (*Oryza sativa* L.) Varieties under Delayed Planting as an Option to Minimize Rice Yield Loss in Flood Affected T. Aman Season. *Bangladesh Rice J.* 23 (1) : 65-72, doi.org/10.3329/brj.v23i1.46082
4. Mondal S, Sofi N R, Ahmed M M E, **Halder T**, Biswas P S. 2019. Regulatory Genes and Enzymatic Complex of Flowering Time in Rice. *Plant Breeding and Biotechnology*; 7(3): 161-174.
5. Pervin, M., **Halder, T.**, Khalequzzaman, M., Kader, M., Aditya, T., & Yasmeen, R. (2018). Genetic Diversity and Screening of Rice (*Oryza sativa* L.) Genotypes for Drought Tolerance at Reproductive Phase. *Bangladesh Rice Journal*, 21(1), 27-34.
6. Anisuzzaman M, Kader M A, Ali M G, Haque M M and **Halder T**. 2016. Development of High Yielding Rice Varieties for Favorable Ecosystem with 40% Higher Yield than the Present Variety: A Review Paper. *Middle-East Journal of Scientific Research* 24 (11): 3644-3653, 2016 ISSN 1990-9233
7. Yasmeen R, Rashid M M, Pervin S, Biswas A, **Halder T** & Akter S. 2016. Evaluation of Boro Rice Varieties Under Conventional and Double Transplanting Methods.
8. R. Yasmeen R, Akter S, **Halder T**, Biswas A, Rahman MM and Ferdousi L. 2016. Performance Study of some T Aman Varieties Under Normal Transplanting and Double Transplanting System. *SAARC J. Agri.* 14(1): 37-45

#### **Short Communication**

1. Rahman MS, Biswas A, **Halder T**, Barman HN, Khanam M, Hore TK, Masuduzzaman, Ahmed HU, Ali MA, Yasmeen R, Biswas JK. 2015. Development of rice tolerant rice through marker-assisted backcrossing. International Conference of Biotechnology in Health and Agriculture (ICBHA) 2<sup>nd</sup> GNOBB Conference.

#### **Book chapter**

1. Iftekharuddaula, K. M., Amin, A., Shalahuddin, A. K. M., **Halder, T.**, Yasmeen, R., Hossain, M. A., Aditya, T. L., Ali, M. A., & Kabir, M. S. (2018). Current scenarios, progress and prospects of developing technologies for flood-tolerant rice in Bangladesh. *Advances in Rice Research for Abiotic Stress Tolerance*, 265–279. <https://doi.org/10.1016/B978-0-12-814332-2.00012-5>
2. Mondal, S., Hasan, J., Biswas, P. L., Ahmed, E., **Halder, T.**, Ali, M. P., Khatun, A., Nasim, M., Islam, T., Ella, E. S., & Septiningsih, E. M. (2021). Nitrogen Use Efficiency in Rice under Abiotic Stress: Plant Breeding Approach. In M.-R. Ansari (Ed.), *Recent Advances in Rice Research*. IntechOpen. <https://doi.org/10.5772/intechopen.94038>



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