

Curriculum Vitae

1. Office affiliation

Mst. Tuhina Khatun, PhD
Senior Scientific Officer
Plant Pathology Division
Bangladesh Rice Research Institute
Gazipur-1701, Bangladesh

2. Educational background

SSC -First Division-Kagail Karuna Kanta High School, Bogra, Rajshahi-1996
HSC -First Division - Govt. Azizul Haque College, Bogra, Rajshahi -1998
BSc (Hons) -First Class -BAU, Mymensingh -2003
MS- Grade "A"-BAU, Mymensingh-2006
PhD-Grade "A"- University Putra Malaysia (UPM)-2016

3. Research experiences

Scientific Officer: From 12th November, 2007 to 14th December, 2014
Senior Scientific Officer: From 15th December, 2014 to till date

4. Scientific publication

A. International

1. **Mst. Tuhina-Khatun**, M.M. Hanafi, M.Y. Wong, M.Y. Rafii (2015). Reactions and diversity analysis of upland rice genotypes against blast disease of rice (*Oryza sativa* L.). *Australasian Plant Pathology*. doi: 10.1007/s13313-015-0359-2. link.springer.com.
2. **Mst. Tuhina-Khatun**, Mohamed M. Hanafi, Mohd Rafii Yusop, M.Y. Wong, Faezah M. Salleh, and Jannatul Ferdous (2015). Genetic variation, heritability and diversity analysis of upland rice (*Oryza sativa* L.) genotypes based on quantitative traits. *BioMed Research International*. <http://dx.doi.org/10.1155/2015/290861>.
3. **Mst Tuhina-Khatun**, Mohamed M. Hanafi, M.Y. Rafii, M.Y. Wong (2016). Characterization of globally diverse blast-resistant upland rice (*Oryza sativa* L.) germplasms based on morpho-physiological and yield attributes. *Acta Agriculturae Scandinavica*. <http://dx.doi.org/10.1080/09064710.2016.1155640>.

B. National

1. **M. Tuhina-Khatun**, M.A. Newaz and M.A.A. Bari. 2007 “Combining ability and Heritability estimates in F2 Diallel Population of Spring Wheat under Interacting Environments” *Bangladesh J. Agril. Sci.* 34(1): 75-82.
2. **M. Tuhina-Khatun**, M. A. Newaz and M. A. A. Bari. 2007 “Genetic analysis of F2 Diallel Population in Spring Wheat under Interacting Cultural Environment”. *Ann. Bangladesh Agric.* 11(2): 45-51.
3. **M. Tuhina-Khatun**, M. A. A. Bari, and S. Akter. 2010. “Heterosis Estimates in F2 Diallel Population on Spring Wheat under two Cultural conditions”. *Bangladesh J. Agril. Res.* 35(3): 413-422.
4. S A J Quazi, M A T Mia, M A Monsur and **M Tuhina- Khatun**. 2010. Evaluation of methods for sheath rot disease development in screening purposes. *Intl. J. BioRes.* 8 (4): 51- 54.
5. S. Akter, **Tuhina-Khatun**, T. H. Ansari, Q. S. A. Jahan, M. A. Begum and M. A.T. Mia. 2009. Evaluation of fungicides in controlling brown spot disease of rice. *Bangladesh J. Plant Pathol.* 25(1 &2), 71-74.
6. S A J Quazi, M A Ali, T H Ansari, M A Monsur and **M Tuhina- Khatun**. 2010. Screening of suitable fungicides in controlling rice blast disease. *Ecofriendly Agril. J.* 3(5): 261-265.
7. M A I Khan, M S Kabir, M A Monsur, **M Tuhina-khatun**, B Nessa, M M Rashid, M R Bhuiyan, T H Ansari, M A Ali and M A T Mia. 2010. Reaction of some pyramid lines to bacterial leaf blight pathogen in Bangladesh. *Bangladesh J. Plant Pathol.* 26(1 &2), 45-51.
8. S A J Quazi, M. M. Rahman, S. Akter, **M. Tuhina-Khatun** and M A Monsur. 2009. Assessment of yield loss due to tungro in Bangladesh. *Bangladesh J. Plant Pathol.* 25(1&2): 37-40.
9. T H Ansari, **M T Khatun**, M Ahmed, B Nessa, M A I Khan, M A Monsur, S Akhter, M A Ali and M U Salam. 2016. Evaluation of fungicides for the control of rice false smut (*Ustilaginoidea virens*). *Bangladesh Rice J.* 20 (2) : 61-66,

A. Proceedings paper

1. **Tuhina-Khatun, M.**, Hanafi, M.M., Rafii, M.Y., Yun, W.M., and Faezah. M. (2014) “Cultural variation of rice blast fungus, *Pyricularia oryzae* pathotype p7.2 in different synthetic media”. Poster presented at the “4th International Rice Congress-2014” held on 27 October 2014-1 November 2014. Bangkok, Thailand. p. 214.

2. **Mst. Tuhina-Khatun**, Mohamed M. Hanafi, Mohd Y. Rafii and Wong M. Yun (2015). Diversity analysis of upland rice genotypes based on quantitative traits. Poster presented at the “24th Malaysian Science and Technology Congress-2015” held on 20-21 January 2015, UPM, Malaysia. p. 82.
3. **Mst. Tuhina-Khatun**, M.M. Hanafi, M.Y. Rafii, and W.M. Yun (2015). Screening of upland rice genotypes against blast disease of rice (*Oryza sativa* L.), incited by *Magnaporthe grisea* (Hebert). Poster presented at the 2nd Long Term Research Grant Scheme (LRGS) Colloquium 2015), held in UPM, Malaysia, on 22 April, 2015.
4. **M. Tuhina-Khatun**, T. H. Ansari and M. A. Latif. 2011. Yield recovering ability Of BRRI released varieties against rice tungro disease. Paper presented in The Conference of 8th “Bangladesh Phytopathological Society”. 26 May 2011. P19. BARI, Gazipur, Bangladesh.
5. **M. T. Khatun**, M.A.A.Bari, and S.Akter, 2009 “Heterosis Estimates in F2 Diallel Population on Spring Wheat under Interacting Cultural Environment”. Paper presented in ‘The International Conference on Plant Breeding and seed for food Security’. Organized by Genetics and Plant Breeding Society of Bangladesh, 10-12 March, 2009.P.50. Bangladesh Agricultural Research Council (BARC). Farm gate, Dhaka.
6. S Akter, **M.Tuhina-Khatun**, M. A. Monsur, M.A.Latif, M.A.Ali and M. A.T.Mia, 2009.Evaluation of Fungicide against Bakanae disease of rice through seed treatment. Paper presented in The “Twenty First Bangladesh Science Conference” Organized by Bangladesh Association for the Advancement of Science (BAAS) 18-20 February, 2009.P.2.BARI, Gazipur, Bangladesh.
7. Akter, S., **Tuhina, K.**, Pervin, S., and Mia, M.A. T. Effect of Transplanting Time on Grain Spotting in Rice. Poster presented in the 28th International Rice Research Conference, Hanoi, Vietnam, 8-11 November, 2010.

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