

Curriculum Vitae



Name	Bodrun Nessa
Gender/Title	Female / Ms
Current Position	Senior Scientific Officer
Contact	Pathology Division, Bangladesh Rice Research Institute (BRRI), Gazipur-1701, Bangladesh; Mobile: +880 1717 46 93 79 E-mail: runu.brri@yahoo.com
Date of Birth	2 February, 1979
Citizenship	Bangladeshi
Language	Bangla & English
Broad Discipline	Agriculture
Specialization	Plant pathology & crop agronomy

Key Qualifications

- Ph.D. (currently conducting at the Sylhet Agricultural University, Bangladesh)
[Study title - Rice False Smut Disease in Bangladesh: Epidemiology and Yield Loss]
- Master of Science (MS) in Agronomy (Bangabandhu Sheikh Mujibur Rahman Agricultural University, Bangladesh, 2007)
[Thesis title: Effect of soil flooding stress on five lentil (*Lens culinaris* Medic) genotypes of Bangladesh.]
- Bachelor of Science in Agriculture (Honours) (Hajee Mohammad Danesh Agricultural Collage, Bangladesh, 2000)

Professional Experience

Six years' experience in research and development at the Bangladesh Rice Research Institute (BRRI) on identification, epidemiology, management and modeling of rice diseases. Excellent knowledge on isolation and inoculation of pathogens; survey of rice diseases;

method screening of diseases, e.g. sheath rot disease of rice; evaluation of INGER materials against Tungro disease of rice; evaluation of new fungicides in relation to registration for rice diseases, e.g. sheath blight, bacterial leaf blight, leaf scald, brown spot and false smut; collection, isolation and morphological diagnosis of *Trichoderma* isolates from different regions of Bangladesh. Comprehensive experience on false smut disease of rice in relation to time of planting, spacing, land elevation, climatic effect and varietal screening

Additional Experience

Excellent knowledge on personal computing for word processing, data management, data presentation and development of simple model for rice diseases.

Academic Recognition

- [PhD Scholarship 2014](#) by the Bangladesh Agricultural Research Council (BARC).

Professional Training

- [Quantifying epidemiology and forecasting risks of crop diseases](#), 2013 (8 days), Bangladesh Agricultural Research Institute, Gazipur, Bangladesh.
- [Identification of Major Diseases and Insect-pests of Important Crops and their Management for NARS Scientists](#), 2013 (5 days), Bangladesh Agricultural Research Institute, Gazipur, Bangladesh.
- [Aqua crop modelling](#), 2012 (7 days), Bangladesh Rice Research Institute, Gazipur, Bangladesh.
- [Breeder Seed Production and preservation of Rice](#), 2012 (3 days), Bangladesh Rice Research Institute, Gazipur, Bangladesh.
- [Technology of Hybrid Rice Cultivation](#), 2011 (12 days), Bangladesh Rice Research Institute, Gazipur, Bangladesh.
- [Hybrid Rice Development and Seed Production](#), 2009 (3 days), Bangladesh Rice Research Institute, Gazipur, Bangladesh.
- [Rice Production Training](#) 2009 (30 days), Bangladesh Rice Research Institute, Gazipur, Bangladesh.

Professional Society Membership

- Bangladesh Phyto-pathological Society
- Bangladesh Society of Agronomy
- Weed Science Society of Bangladesh
- Krishibid Institute of Bangladesh

Social Membership

- Bangladesh Rice Research Institute (BRRI) Scientist Association
- Bangladesh Rice Research Institute (BRRI) Officer's Club

Scientific Publication

1. [Nessa, B.](#) M.U. Salam, A.H.M.M. Haque, J.K. Biswas, M.S. Kabir, W.J. MacLeod, M. D'Antuono, H.N. Barman, M.A. Latif and J. Galloway. 2015. Spatial pattern of natural spread of rice false smut (*Ustilaginoidea virens*) disease in fields. American Journal of Agricultural and Biological Sciences. 10 (2): 63.73 [DOI: 10.3844/ajabssp.2015.63.73].
2. [Nessa, B.](#) M.U. Salam, A.H.M.M. Haque, J.K. Biswas, W.J. MacLeod, M.A. Ali, K.P. Halder and J. Galloway. 2015. FLYER: A Simple Yet Robust Model for Estimating Yield Loss from Rice False Smut Disease (*Ustilaginoidea virens*). American Journal of Agricultural and Biological Sciences.10 (1): 41.54 [DOI: 10.3844/ajabssp.2015.41.54]
3. Parvin, N., M.R. Islam, [B. Nessa](#), A. Zahan and M.I.M. Akhand. 2013. Effect of sowing time and plant density on growth and yield of stem amaranth (*Amaranthus lividus* R.). Eco-friendly Agriculture Journal. 6(10): 215-219.
4. Haque, M.A., P. Bala, A.K. Azad, N. Parvin and [B. Nessa](#). 2013. Nodulation and dry matter of lentil influenced by genotype and inoculant. Eco-friendly Agriculture Journal. 6(10): 211-214.
5. Bhuiyan, M.R., M.M. Rashid, M.A.I. Khan, M. Haque and [B. Nessa](#). 2013. Eco friendly management of seed-borne fungi for sustainable crop production. Bangladesh Journal of Phytopathology 27(1&2): 45-51.
6. Khan, M.A.I., M.A. Monsur, M.T. 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 of bacterial leaf blight pathogen in Bangladesh. Bangladesh Journal of Plant Pathology 26(1&2): 45-51.
7. Khan, M.A.I., M.A. Monsur, M.S. Hossain, [B. Nessa](#), M.A.H.B. Bhuiyan, T.H. Ansari and M.A.T. Mia. 2010. Evaluation of new chemicals against bacterial leaf blight disease of rice. Eco-friendly Agriculture Journal. 3(5): 242-246.
8. Islam M.R., [B. Nessa](#), M.M. Haque, and J.U. Ahmed. 2009. Effect of soil flooding stress on morphology and yield of five lentil (*Lens culinaris* Medic) genotypes. The Icfai University Journal of Soil and Water Sciences. Vol. 11(3): 48-57.
9. [Nessa, B.](#), M.R. Islam, M.M. Haque, and J.U. Ahmed. 2007. Soil flooding tolerance in lentil at vegetative stage. Progressive Agriculture. 18(2): 17-24,

Referees

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