Curriculum Vitae

Name	: **Dr. RUMENA YASMEEN**
Father's name	:Late S.A. Shamsul Hoque Jamaly
Mother's name	: Mst. Hawa Khatun
Husband's name	: Rahamat Ullah Mohd. Dastagir
Gender	: Female
Present Address	: Plant Physiology Division, BRRI
Permanent Address	:Flat-B/2, House-16, Road-15, Sector-6, Uttara, Dhaka.
Date of Birth	: Ist November, 1967
Telephone	: Office-9257401-5(543) Residence-8932695 Mobile-01819487292

Educational Qualification:

Degree	Class/ Division	University/Institute	Passing Year
S. S. C	Ist Division	Residential Model for Girls School, Mymensingh. (former now it,s name is Girl,s cadet college)	1982
H. S. C.	Ist Division	Begum Badrunnesa Mohila College, Dhaka.	1985
B. Sc. Ag (Hons)	2nd Class	Bangladesh Agricultural Univeristy, Mymensingh (BAU).	1988 (held in 1991)
M. S	Ist Class	Bangabandhu Sheikh Mujibur Rahaman Agricultural University, Salna, Gazipur	Winter, 2000
Ph. D	GPA-3.73 (out of 4)	Do	Winter, 2006

Field of Specialization: Plant Physiology of Rice

Training:

Organization	Year	Name of Programme
(a) In Country:		
i) BRRI, Gazipur	1997	Rice Production training course
ii) BRRI, Gazipur	2008	Breeder Seed Production
iii) BRRI, Gazipur	2009	Hybrid rice production training
iv) BARC, Dhaka	2011	Project development and management
v) BARD, Comilla	2011	Administrative and Financial management

(b) Abroad:

IRRI, Philippines 2000 On the job training on Rice Production

Workshop/Seminar/Symposium

Position hold:

Duration	**Position**	**Institution**
1995-2000	Scientific Officer	Plant Physiology, BRRI
2000-2007	Senior Scientific Officer	Plant Physiology, BRRI
2007-up date	Principal Scientific Officer	Plant Physiology, BRRI

Professional experience:

- ❖ Working for 15 years on various aspects of rice physiology including identification of advance breeding materials tolerant to **Salinity, Submergence, Cold, Pre-harvest sprouting, Drought, Deepwater rice etc.**
- ❖ As a Scientist of plant physiology of BRRI, responsible for planning, supervision and reporting of research results obtained from various experiments.
- ❖ To study different aspects of physiology of abiotic stresses particularly the improvement of screening technique and identification of factors related to the mechanism of salinity.

Outstanding achievement (SO/to PSO)

- Actively engaged during the development period of saline tolerant varieties such as BRRI dhan40, BRRI dhan41, BRRI dhan47, BRRI dhan53 and BRRI dhan54, BRRI dhan67 and provided physiological backup to the breeder to develop these varieties.
- Obtained distinction in "Rice production training programme"

Publication (SO to PSO):

Scientific journal	**No. of publications**
i) International & National Journal	
✪ Principal Author	**8 (Eight)**
✪ Co-author	**19 (Ninteen)**
ii) Poster	**2 (Two)**

List of Publications

National

1. **Yasmeen, R.** and A.R. Gomosta, 2002. Distribution of high density grain (HDG) in the Panicle and rachis branches of different rice varieties. Bangladesh Journal of Agricultural Science. 29(1): 57-60 p.
2. Biswas, J. K., M. S. Pervin, **R. Yasmeen**, M. R. Islam and M. F. Islam, 2003. Seedling establishment of anoxia tolerant rice genotypes affected by straw content and soil incubation. Bangladesh Journal of Agricultural Research. 28(3) 399-405 p.
3. **Yasmeen, R.** and A.R. Gomosta, 2001. Submergence tolerance of transplant aman rice at different growth stages. Bangladesh Journal of Agricultural Science. 28(2): 329-334p.
4. Parul, S.S., M. Hasan, K. M. Akhter, K. P. Halder and **R. Yasmeen**, 2002. Socio-Economic condition of a Bangladesh village: A study at barind tract. Bangladesh Journal of Agricultural Science 29(1):23-30p.
5. Halder, K. P., N. Ahmed, M. Hasan, **R. Yasmeen** and S. S. Parul, 2002. Effect of spacing and nitrogen rates on the yield and yield components of dibble aus rice in the coastal area of Bangladesh. Bangladesh Journal of Agricultural Science. 29(1): 15-18p.
6. **Yasmeen, R**., J.U. Ahmed, M.S. Pervin, H.U. Ahmed and M.S. Islam, 2005. Yield and Sodium ion distribution of rice genotypes as affected by salinity stress. Bangladesh Journal of Progressive Science and Technology 3(1): 81-84.
7. Pervin, M.S., **R. Yasmeen**, M. S. Islam and K. M. Iftekharuddaula, 2005. Growth behavior of plants as affected by N, P, K and S fertilization at post submergence during T. Aman season. Bangladesh Journal of Progressive Science and Technology. 3 (1): 9-12.
8. **Yasmeen, R**., A. R. Gomosta, M.S. Pervin, H.U. Ahmed and M. S. Islam, 2005. Sodium and potassium status at culm, flag leaf and panicle in rice genotypes as affected by salinity stress. The Agriculturists 3(1). (Accepted).
9. Pervin, M. S., A. R. Gomosta, J.U. Ahmed, **R. Yasmeen** and M. S. Islam, 2005. Effect of turbid water and black cloth cover on submergence tolerance of rice.The Agriculturists 3 (1) (Accepted)
10. Biswas, J. K., A. R. Gomosta, and **R. Yasmeen**, 2001. Effect of pre-sowing seed soaking treatment on germination and seedling growth of some upland rice as affected by water stress. Bangladesh Rice Journal 10(1&2): 39-42.
11. **Yasmeen, R.**, J. K. Biswas, M. A. A. Mahbub, M. S. Islam and A. B. S. Sarker, 2007. Performance of rice genotypes at different salinity levels under net house conditions. International Journal of Bioresearch 3(2): 1-8.
12. **Yasmeen, R**., M. A. A. Mahbub, J. K. Biswas, H.U. Ahmed and M. S. Pervin, 2007. Effect of Ca concentration on growth and nutrient uptake of rice genotypes under saline conditions. Bangladesh Journal of Progressive Science and Technology 5 (2) 469-472.
13. Khaleda, A., M. G. Rasul, M. K. Bashar and **R. Yasmeen,** 2007. Variance Co-Variance analysis and components of genetic parameters for physiological characters in diallel cross of rice. Bangladesh Journal of Progressive Science and Technology, 2 (2). (Accepted)
14. Sarker, A. B. S., M. B. Rahman, **R. Yasmeen**, M. A. Islam and S. M. M. Islam, 2007. Effect of Crop Establishment Methods on the Performance of Boro Rice

(*Oryza sativa* L.) in the Cooler Region under Light Texture Soil Condition. The Agriculturists 5(1 & 2): 95-100.

15. Sarker, A. B. S., M. B. Rahman, M. G. Ali, M.A. Mannan, **R. Yasmeen** and M. A. Islam, 2008. Effect of Crop Establishment Methods on the Performance of Transplanted Aman Rice in North-western Region of Bangladesh. Bangladesh Rice Journal 13(1): 107-112.
16. M A A Mahbub, J K Biswas, **R Yasmeen** and M. A. Haque, 2008. Effect of polyethylene cover on quality rice seedling production during winter season. Bangladesh Rice Journal 14(1&2): 15-26.

S Akter, R Yasmeen, H U Ahmed, M R A Sarkar and M S Rahman. Salinity Tolerance of Some Elite Rice Breeding Lines at Reproductive Stage. 2014. Bangladesh Rice J. 18(1 & 2): 35-40.

International

1. Yasmeen, R., M. S. Pervin, A. B. S. Sarker, H. U. Ahmed and M. S. Islam, 2007. Grain production of rice genotypes as mitigated by calcium under saline conditions. International Journal of sustainable agricultural technology 3(4): 10-13.

2. **Yasmeen, R**., H. U. Ahmed, M. A. A. Mahbub, J. K. Biswas and A. B. S. Sarker, 2007. Effect of Potassium (K) concentration on nutrient uptake and growth of rice genotypes under salt stress conditions. International Journal of Bioresearch. 2 (4):34-39.
3. Biswas, J.K., M.S. Islam, **R. Yasmeen**, S. Pervin, M.S. Kabir and S. Alam, 2002. Relative contribution of the coleptile and the first leaf length to seedling establishment of rice (*Oryza sativa* L.). Pakistan Journal of Biological Sciences 5(4): 413-415p.
4. Biswas, J. K., H. Ando, M.A. Siddique, **R. Yasmeen**, S. T. Hossain and A. A. Mahbub, 2002. Organic Acids Toxicity on Seedling Attributes of Anoxia Tolerant Rice Genotypes Grown in Hypoxia. Pakistan Journal of Biological Sciences 5(1):36-39p.
5. Islam, M. S., M.N.I. Miah, M. M. Hoque, M.A. Rahman and **R. Yasmeen**, 1999. Effect of soil moisture deficit on yield and yield components of upland rice cultivars. Progress Agric. 10(1&2):183-188p.
6. Pervin, M.S., **R. Yasmeen**, K. M. Iftekharuddaula, A. Islam and M.S. Islam, 2005. Effect of seedling age and depth of water on submergence tolerance of T. Aman rice varieties. International Journal of sustainable agricultural technology 1(4).
7. Ahmed, H. U., M. A. Ali, **R. Yasmeen** and M. A. Salam**,** 2007. Performance of short duration aerobic rice genotypes at drought prone ecosystem. International Journal of Bioresearch 2 (4): 54-58.
8. Iftekharuddaula K. M., M. A. Newaz, M. A. Salam and **R. Yasmeen,** 2007. General and specific combining ability effects for growth- physiological characteristics in an 8x8 half- diallel cross of rice. International Journal of Bioresearch 3 (1): 37-44.
9. Rashid, E. S. M. H., K. M. Iftekharuddaula, **R. Yasmeen** and A. M. Nurunnabi, 2007. Genetic parameter, character association and path co-efficient analysis of hybrid population for grain characters in an 8-parent diallel population in rice. International Journal of Bioresearch, 3(3): 8-13.

10. Islam M. R., M. A. Salam, M. A. R. Bhuiyan, M. A. Rahman, **R. Yasmeen**, M. S. Rahman, M. K. Uddin, G. B. Gregoria and A. M. Ismail, July, 2008. BRRI DHAN47: A Salt Tolerant Variety for Boro Season Isolated through Participatory Variety Selection. International Journal of Bioresearch. 5(1):1-6.
11. Salam, M. A., M. A. Rahman, M. A. R. Bhuiyan, K. Uddin, M. R. A. Sarker, **R. Yasmeen** and M. S. Rahman, 2007.BRRIdhan47: A Salt Tolerant variety for the boro season. International Rice Research Notes, 32 (1): 42-43.

Poster:

1. **Yasmeen R,** M. M. Rashid, H. N. Barman and J.K. Biswas, 2014. Evaluation of some selected cold tolerant rice genotypes for whole growth periods under natural condition. Fourth International Rice Congress, Poster no. 150.
2. **Yasmeen, R,** S. Akter, H. U. Ahmed, M. R. A. Sarker, M.S. Rahman, 2014. Phenotyping of rice breeding lines for salinity tolerance. Fourth International Rice Congress, Poster no. 158.