Profile of Dr. Amena Sultana

Dr. Amena Sultana
C/O: Prof. Dr. Mohammad Issak
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A. Personal Information:

Spouse name	Prof. Dr. Mohammad Issak
Mother's name	Mrs. Shahana Parvin
Father's name	Abu Taher
Permanent address	Village- Hizline, Post Office-Lemubari, PS- Manikgonj Sadar, District-Manikgonj-1800
Nationality	Bangladeshi (by birth)
Date of Birth (d/m/y)	30/12/1981
Gender	Female
Marital Status	Married
Blood Group	O $+^{ve}$

B. Educational Background:

Exam Name	**Name of Board/University**	**Major**	**Division/Class/CGPA/Grade**	**Yr. of Passing**
PhD	Okayama University, Japan	Bioscience	A	2013
M.S.	Sher-e-Bangla Agricultural University, Bangladesh	Entomology	3.44 out of 4.00	2007

B.Sc.Ag. (Hons.)	Sher-e-Bangla Agricultural University,Bangladesh	Agriculture	2nd Class (59.53%)	2002 (Exam. held in 2004)
H.S.C.	Dhaka Board, Bangladesh	Science	Frist Division (64.7%)	1998
S.S.C.	Dhaka Board, Bangladesh	Science	Frist Division (75.5%)	1996

C. List of Publications :

Sl. No.	Year of Publication	**International Journal**
22	2013	**A Sultana,** I Minami, D Matsushima, M. Issak, Y Nakamura , S Todoriki, and Y Murata. Catalases CAT1 and CAT3 are not key enzymes in alleviating gamma irradiation-induced DNA damage, H2O2 accumulation, or lipid peroxidation in *Arabidopsis thaliana. Bioscience Biotechnology and Biochemistry*. 77(9). 1984-1987.
21	2013	**A. Sultana,** I. Minami, R. Ichiba, M. Issak, M. Tada, Y. Nakamura, T. Miyatake, S. Todoriki and Y. Murata. Effects of γ-irradiation on larval and adult stages of*Triboliumcastaneum* (Red Flour Beetle). *Food Irradiation*. 48 (1): 19-23, 2013
20	2013	**A. Sultana**, I. Minami, D. Matsushima, M. Issak, Y. Nakamura, S. Todoriki, and Y. Murata. Catalase, CAT2, is not involved in mitigation of gamma irradiation-induced H_2O_2 accumulation or lipid peroxidation in *Arabidopsis thaliana*. *Food Irradiation*. 48 (1): 38-41, 2013.
19	2010	Issak M, Sutradhar GNC, Rahman MM, Firdousi J, Hossain ATM and **Sultana A.** Direct and residual effect of rock phosphate on growth and yield of rice in an acidic soil. *Intenational Journal of Agriculture, Environment & Biotechnology*, 3 (1) pp 15-20.
		National Journal
18	2020	**Sultana A,** Zahan MS, Islam SA, Akter N, Mahbub MM, Issak M. 2020. Response of transplanting date on growth and yield components of selected advanced genotypes of short durational T. Aman rice. Eco-friendly Agril. J. 13 (03): 23-29.
17	2020	**Sultana A**, Shaikh NY, Zahan MS, Badshah MA, Akter R. Issak M. 2020. Response of transplanting date on growth and yield components of advanced lies of T. Aman rice. Research in Agriculture, Livestock and Fisheries. Vol.7. No. 1. P.1-7.
16	2020	**Sultana A,** Badshah MA, Zahan MS, Islam SA, Issak M. Spikelet fertility improvement of Boro advanced line (CN6) through supplemented nutrient management. Research in Agriculture, Livestock and Fisheries. 2020. Vol.7.

		No. 1. P.17-23.
15	2020	**Sultana A,** Munshi MH, Kamruzzaman M, Bari ASMF, Issak M. Residual effect of raw chitosan powder on chemical properties of red brown terrace soils under rice-rice cropping pattern. Research in Agriculture, Livestock and Fisheries. 2020. Vol.7. No. 1. P.33-42.
14	2020	**Sultana A,** Badshah MA, Zahan MS, Islam SA, Manir MR, Issak M. Micronutrient management in an advance line of rice (CN6) to increase the spikelet fertility under Aman Season. Research in Agriculture, Livestock and Fisheries. 2020. Vol.7. No. 1. P.51-59.
13	2020	R Akter, MA Badshah, **A Sultana,** MJ Turan, MJ Islam. Influence of integrated nutrient management and spacing on growth and yield of rice. Research in Agriculture, Livestock and Fisheries. 2020. Vol.7. No. 1. P.25-32
12	2020	M.K. Hossain, M.M. Mahbub, S. Jabbar, **A. Sultana** and A.K.M. Ruhul Amin 1Performance of Nitrogen Application Methods on Different Inbred and Hybrid Rice Varieties. *World Journal of Agricultural Sciences* 16 (5): 308-311, 2020
11	2020	F Ahmed, M Issak, **A Sultana** .Effect of chitosan-raw-materials on grain yield and agronomic traits of Transplanted Aman rice (BRRI dhan49). *Eco-friendly Agricultural Journal*. 13(10):38-46.
10	2018	M Issak, **A Sultana.** Role of soil application of chitosan powder on growth and development of BARI puisak-1. *Journal of Sher-e-Bangla Agricultural University*. **9 (1).** 1-8. 2018.
9	2018	FH Khan, M Adil, S Jahan, M Iqbal, MM Mozumder, **A Sultana,** MM Houque, MR Islam, MM Mian, and HU Ahmed. VALIDATION OF BRRI DEVELOPED FERTILIZER MANAGEMENT TECHNOLOGY AT FARMERS' FIELDS. Eco- friendly Agril. J. **11** (12): 143-147, 2018 (December).
8	2018	FH Khan, M Adil, S Jahan, M Iqbal, MM Mozumder, **A Sultana,** MM Houque, MR Islam, MM Mian, and HU Ahmed. CONSEQUENCE OF FOLIAR APPLICATION OF SILICON ON YIELD AND QUALITY OF RICE IN T. AMAN SEASON OF BANGLADESH. Eco-friendly Agril. J. 11 (09): 88-92, 2018 (September)
7	2018	FH Khan, M Adil, S Jahan, M Iqbal, MM Mozumder, **A Sultana,** MM Houque, MR Islam, MM Mian, and HU Ahmed. ASSESSMENT OF NP COMPOSITE (NPC) FERTILIZER ON BORO RICE Eco-friendly Agril. J. 11 (09): 135-142, 2018 (September)
6	2018	FH Khan, M Adil, S Jahan, M Iqbal, MM Mozumder, **A Sultana,** MM Houque, MR Islam, MM Mian, and HU Ahmed. UPDATING FERTILIZER DOSES THROUGH SITE SPECIFIC NUTRIENT MANAGEMENT FOR BRRI RELEASED RICE VARIETIES. Eco-friendly Agril. J. 11 (09): 93-95, 2018 (September)
5	2018	Khan, M Adil, S Jahan, M Iqbal, MM Mozumder, **A Sultana**, MM Houque, MR Islam, MM Mian, and HU Ahmed. PERFORMANCE OF VERMICOMPOST AND POULTRY MANURE ON RICE YIELD AND SOIL HEALTH . Eco-friendly Agril. J. 11 (12): 148-151, 2018 (December).
4	2017	M Issak, **A Sultana.** Role of chitosan powder on the production of quality rice seedlings of BRRI dhan29. *Research in Agriculture, Livestock and Fisheries.* Accepted. 4 (3). 141-149. 2017.

3	2017	M Issak, M.M Khatun, **A Sultana.** Role of salicylic acid as foliar spray on the hydride rice (BRRI Hybrid dhan3) cultivation in Bangladesh. *Research in Agriculture, Livestock and Fisheries.* Accepted. 4 (3). 157-164. 2017.
2	2010	M. Issak Sutradhar GNC, Bhiuyan MSI, Firdousi J and **Sultana A**. Direct and residual effect of rock phosphate on the yield contributing characters of rice-rice cropping pattern in an acidic soil. *Bangladesh Journal of Progressive Science and Technology*. (2010)Volno 8 pp.127-130.
1	2010	**Sultana A,** Rahman MM, Ali MR, M. Issak and Hossain ATM. Effect of IPM components against the infestation caused by fruitfly (*Bactroceracucurbita*) at different fruiting stages of bitter gourd. *Bangladesh Journal of Progressive Science and Technology*. 2010.Vol no 8 pp.131-134.

D. Attending Seminars and Symposium

Oral Presentation

1. Effects of gamma irradiation on *Tribolium castaneum* (Red flour beetle) at different metamorphosis stages. **Amena Sultana**, Ikiko Minami, Ryuji Ichiba, Mohammad Issak, Mikiro Tada, Yoshimasa Nakamura, Takahisa Miyatake, Setsuko Todoriki, Yoshiyuki Murata. Okayama Bioactive Research Society & Okayama University. Bioactive Okayama, September 13, 2012.
2. Catalases are not key enzymes to alleviate gamma irradiation-induced DNA damage, H_2O_2 accumulation, or lipid peroxidation in *Arabidopsis thaliana*. **Amena Sultana**, Ikiko Minami, Daiki Matsushima, Mohammad Issak, Yoshimasa Nakamura, Setsuko Todoriki, Yoshiyuki Murata. Japan Society for Bioscience, Biotechnology and Agrochemistry. JSBBA meeting 2013, Hiroshima, September 6-7.

Poster Presentation

1. Effects of γ irradiation on *Tribolium castaneum* (Red flour beetle) at different metamorphosis stages. **Amena Sultana**, Ikiko Minami, Ryuji Ichiba, Mohammad Issak, Mikiro Tada, Yoshimasa Nakamura, Takahisa Miyatake, Setsuko Todoriki, Yoshiyuki Murata. Okayama Bioactive Research Society & Okayama University. Bioactive Okayama, September 13-14, 2012.
2. Gamma radiation sensitivity in different stages of *Tribolium castaneum* (Red flour beetle). **Amena Sultana**, Ikiko Minami, Mohammad Issak, Yoshimasa Nakamura, Yoshiyuki Murata. Division of Bioscience, Graduate School of Natural Science and Technology, Okayama University, Okayama. July 29, 2011.

E. Books /Monographs/ Bulletins

(i) লিফলেট

As Co-Principal author	
১.	আমন মৌসুমে সুগন্ধি জাতের ধানের ব্লাস্ট রোগের মাঠ পর্যায়ে দমন ব্যবস্থাপনা
২.	বোরো মৌসুমে ধানের জাতের ব্লাস্ট রোগের মাঠ পর্যায়ে দমন ব্যবস্থাপনা

(ii) জাতীয় বেতার এ কৃষি বিষয়ক অনুষ্ঠানে অংশ গ্রহণ

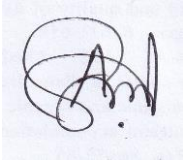
১.	শৈত্য প্রবাহ হতে ধান বীজতলার সুরক্ষা	
২.	ধানের বীজ সংরক্ষনের আধুনিক কৌশল	
৩.	যন্ত্রের সাহায্যে গুটি ইউরিয়া প্রয়োগ	
৪.	ধানের ফলন ব্যবধান কমানোর উপায়	
৫.	ধান ক্ষেতে ইঁদুর দমন ব্যবস্থাপনা	
৬.	বোরো ধানের ফলন বৃদ্ধিতে আধূনিক প্রযুক্তির ব্যবহার	
৭.	কম পানি ব্যবহার করে ধানের ফলন বাড়ানোর কৌশল	

F. Certificates/Documents of the training programs

(a) In Country:

Sl. No.	Name of programs
1.	Experimental Design and Data Analysis Training Course
2.	Modern Rice Production Training Course
3.	Procedure of soil and plant analysis
4.	Procedure of soil and plant analysis
5.	Methodology of Farming systems research and development

** **বার্ষিক কর্মসম্পাদন চুক্তি (এপিএ) প্রনয়ণ ও বাস্তবায়নে বিশেষ ভুমিকা রাখায় স্বীকৃতি স্বরুপ সনদ প্রাপ্তি**



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