PERSONNEL DATA SHEET (LONG-PDS)

GENERAL INFORMATION			
GOVT. ID		*NATIONAL ID NO.	1 9 3 4 9 8 0 3 3 3
*Name in Bangla	ড. রাফেজা বেগম	*Father's Name in Bangla	রমিজ উদ্দিন (মৃত)
Name in English	DR. RAFEZA BEGUM	Father's Name in English	RAMIZ UDDIN
Home District	Sherpur	*Mother's Name in Bangla	মিসেস মনোয়ারা বেগম
Birth Date	01-01-1980	Mother's Name in English	Mst. Monwara Begum
Rank	Sixth Grade (6th grade), SSO	Sex	Female
Posting	SRDI, Regional Laboratory, Jamalpur	Order/Join Date	02-01-2006
Location	Jamalpur	Batch	

ADDRESS INFORMATION			
PERMANENT ADDRESS		**PRESENT ADDRESS**	
Village/House No. & Road	Bamner Char	Village/House No. & Road	1136/1, N, Sarder Para, Panch Raster Moar
Post Office	Char Sherpur	Post Office	Jamalpur Sadar
Police Station	Sherpur Sadar	Police Station	Jamalpur Sadar
District	Sherpur	District	Jamalpur
Telephone No.		Telephone No.	+8802997772503
*Mobile Phone Number	+8801913515894	*Mobile Phone Number	+8801913515894
		*e-mail Address	begumrafeza@gmail.com

LOCAL TRAINING

Course Title	Institution	Location	Period		Grade	Position
			From	To		
Phytosanitary Measures in Bangladesh	BARC	Dhaka	22.12.2024	24.12.2024		
Good Governance	NATA	Gazipur	12.11.2023	16.11.2023		
TOT on Teaching Method	NATA	Gazipur	06.8. 2023	10.8.2023		
Industrial Revolution 4.0 in Agriculture	NATA	Gazipur	24.07.2022	28.07.2022		
Innovation in Public Services	NATA	Gazipur	10.10.2021	14.10.2021		
Data Organizing , Analysing, Interpreting and Presenting	Murdoch University, CSIRO and KGF	Khulna	15.06.20219	17.06.2019		

GIS Application in Agriculture	Bangladesh Agricultural University (BAU)	Mymensingh	28.04.2019	30.04.2019		
Methods of Fertilizer Analysis	Soil Resource Development Institute	Dhaka	06.04.2014	10.04.2014		
Techniques and Methods of Laboratory Analysis	Soil Resource Development Institute	Dhaka	28.05.2013	11.06.2013		
Methods of Soil Analysis and Fertilizer Recommendation Based on Soil Test Value	Soil Resource Development Institute	Dhaka	12.01.2010	25.01.2010		
Research Methodology	Bangladesh Agricultural University (BAU)	Mymensingh	12.12.2009	24.12.2009		

FOREIGN TRAINING

Course Title	Institution	Country	Period		Grade	Position
			From	To		
Training in Advanced Statistical Analysis	Murdoch University, ACIAR & CSIRO	Australia	05.04.2021	08.04.2021		
KSI Model for Quality Thesis and Article	University of Malysia (UPM)	Malaysia	06.02. 2021	06.02.2021		
Computational Biology for (Meta) Genomics Analysis	Prithvi Narayan,	Pokhara, Nepal.	12.02.2020	14.02.2020		
South-East Asian Regional Symposium on Microbial Ecology	, Tribhuvan University	Pokhara, Nepal	12.02.2020	14.02.2020		
Seminar on Integrated Prevention and Control of Agricultural Crop Diseases and Pests for the ASEAN Countries.	Chinese Academy of Tropical Agricultural Sciences(CATAS),	Haikou, Hainan, China.	07.9.2016	27.09.2016		

ADDITIONAL PROFESIONAL QUALIFICATION

PUBLICATION

Peer-Reviewed Journal Articles

1. **Begum, R**., Moula, M.S., Sarker, R.R., Chowdhury, M.H., Ali, S.Y., Mahmud, M.K. and Akter, S. (2024) Potassium Depletion in Rice Cultivation: Insights from a Pot Culture Study in Bangladesh. *Open Access Library Journal*, **11**, 1-10. doi: 10.4236/oalib.1112439.

2. Rafeza BEGUM, Mohammad M.R. JAHANGIR, Mohammad JAHIRUDDIN, Mohammad Rafiqul ISLAM, Shaikh M. BOKHTIAR, Khandakar R. ISLAM, Reduced tillage with residue retention improves labile carbon pools and management indices of soils in a seven-year trial with wheat-mung bean-rice rotation, Pedosphere, 2022, ISSN 1002-0160, https://doi.org/10.1016/j.pedsph.2022.06.016

.

3. Begum R, Jahangir MMR, Jahiruddin M, Islam M.R, Rahman M.T, Rahman M.L, *et al.* (2021) Nitrogen fertilization impact on soil carbon pools and their stratification and lability in subtropical wheat-mungbean-rice agroecosystems. PLosOne 16(10): e0256397. https://doi.org/10.1371/journal.pone.0256397

4. Jahangir M.M.R, **Begum R,** Jahiruddin, M., Dawar, K.Zaman, M., Bell, R.W., Richard, K.J. 2021.educed tillage with residue retention and nitrogen application rate increased N_2O fluxes from irrigated wheat in a Subtropical Floodplain Soil. Agriculture Ecosystems and Environment. Vol 306 (2021) 107194. https://doi.org/10.1016/j.agee.2020.107194**.**

5. Moula MS, **Begum R,** Roy CM, Islam MN, Sarkar MIU, 2020. A Comparative Assessment of Soil Series Wise Fertility in Bheramara Upazilla of Kushtia District of Bangladesh between the Years 1995 to 2016. ASRJ, 2(4): 1-7, 2019; Article no.ASRJ.54311. DOI: 10.9734/ASRJ/2019/v2i430060

6. Begum, R., Jahiruddin, M., Bokhtiar, S. M., Jahangir, M.M.R. Soil Microbial biomass carbon and labile carbon pools under 7-years of conservation agricultural practices with different nitrogen levels in wheat-mungbean-T aman cropping pattern. Paper published at Southeast Asian Regional Symposium on Microbial Ecology (SARSME); 12-14 February, 2020; Pokhara, Nepal; P-48.

7. Kader, M. A., Jahangir, M. M. R., Islam, M. R., **Begum, R.,** Nasreen, S. S., Islam, Md. R., Mahmud, A. A., Haque, M. E., Bell, R. W. and Jahiruddin, M. 2022. Long-term Conservation Agriculture increases nitrogen use efficiency by crops, land equivalent ratio and soil carbon stock in a subtropical rice-based cropping system. Fields Crop Research. 287, 108636. https://doi.org/10.1016/j.fcr.2022.108636

8. M Asaduzzaman, M Biswas, M N Islam, M M Rahman, **R Begum**, M A R Sarkar, M Asaduzzaman, 2014. Variety and N-Fertilizer Rate Influence the Growth, Yield and Yield Parameters of Baby Corn (Zea mays L.). Journal of Agricultural Science, 6(3): 118-131.

9. M A Monim, M M Rahman, A S M A Monim, **R Begum** and D J Costa, 2010. Management of Hawk Moth of Sesame with Botanical and Chemical Agent. Journal of Agroforestry and Environment, 4(2): 97-99

10. M A Monim, A S M A Monim, M A Baset, M M Rahman and **R Begum**, 2010. Effects of Management Practices of Leaf Roller in Goundnut Using Chemical and Botanical Insecticide. Journal of Environmental Science and Natural Resources, 3(2): 77-79

11. M M Rahman, L Hassan, **R Begum** and M R Ali, 2009. Plant Regeneration in Tobacco (Nicotiana sp) Influenced by Phytohormone Concentrations. Bangladesh Journal of Agriculturist, 2(1): 89-93

12. M M Rahman, L Hassan, **R Begum** and M R Ali, 2008. Effect of Phytohormone Concentrations on Callus Induction Ability of Tobacco. Bangladesh Journal of Agriculturist, 1(1): 153-157

13. D J Costa, M R Ali, M M Rahman, **R Begum** and M I Riad, 2008. Inregrated Nutrient Management for Banana Varieties. Bangladesh Journal of Environmental Science, 14(1): 120-123

14. M A Monim, A S M A Monim, M A Baset, A B S M Islam and **R Begum**, 2010. Effect of sowing time and advance lines on the yield and yield contributing characters of groundnut. Journal of Agroforestry and Environment, 4(2): 117-119

15. M N H Al Mamun, M A Hakim, M M Rahman, M Harun-or-Rashed and **R Begum**, 2007. Responses of Ten Varieties of Capsicum (Capsicum annum L.) to Fertilizers. Journal of the Bangladesh Society for Agricultural Science and Technology, 4(1&2):197-200

Conference Papers

.

1. Begum, R., Jahiruddin, M., Bokhtiar, S. M., Jahangir, M.M.R. Soil Microbial biomass carbon and labile carbon pools under 7-years of conservation agricultural practices with different nitrogen levels in wheat-mungbean-T aman cropping pattern. Paper published at Southeast Asian Regional Symposium on Microbial Ecology (SARSME); 12-14 February, 2020; Pokhara, Nepal; P-48.

2. Moula MS, **R Begum**. 2017. Adoption Offline Fertilizer Recommendation Among Smallholder Farmers Through Mobile Apps. Published in Conference on Conservation Agriculture for Smallholders.BAU. Bangladesh.

Books

1. M M Hossain, M Asaduzzaman, M M Rahman, **R Begum**, 2019. Soil Test Based Wheat cultivation.

2. M A Khaleque, M R Ali**,** MM Rahman**, R Begum** and BK Goswami, 2007. WheatCultivationinProfitableWay.National Printing Press, Joydebpur Bazar, Gazipur,Bangladesh.

POSTING RECORDS						
Post	Organization	*Type of Posting (Regular/Deputation/Lien/OSD/Others)	Location	Period		Pay Scale
				From	To	
Senior Scientific Officer	Soil Resource Development Institute (SRDI)	Regular	Regional Laboratory, Jamalpur	09.11.2023	till now	35,500-67,010/-
Senio Scientific Officer	Soil Resource Development Institute (SRDI)	Regular	Regional Laboratory, Mymensingh	28.06.2022	08.11.2023	35,500-67,010/-
Senior Scientific Officer	Soil Resource Development Institute (SRDI)	Regular	Divisional Laboratory, Sylhet	28.09.2021	27.06.2022	35,500-67,010/-
Senior Scientific Officer	Soil Resource Development Institute (SRDI)	PhD Deputation	Bangladesh Agricultural University, Mymensingh	06.01.2020	27.09.2020	35,500-67,010/-
Scientific Officer	Soil Resource Development Institute (SRDI)	PhD Deputation	Bangladesh Agricultural University, Mymensingh	23.04.2018	27.09.2020	35,500-67,010/- 29,000-63,410/-
Scientific Officer	Soil Resource Development Institute (SRDI)	Regular	Regional Laboratory, Jamalpur	02-01-2006	22.04.2018	29,000-63,410/- (7th grade) 22,00-53,060/- 11,000-20,370/- 6800-13,090/- (9th grade)

10.03.25
Signature & Seal of Officer
Who's Particulars has been printed
Telephone No. 02997772503