

## Personal Data Sheet (PDS) of Dr Md Motasim Ahmmed

1. Name (English): **Dr. Md Motasim Ahmmed**
2. নাম (বাংলায়): **ড. মো: মোতাসীম আহম্মেদ**
3. Father's Name: **Md. Daud Ahmmed**
4. Mother's Name: **Mst. Fatema Begum**
5. Gender: **Male**
6. Present Address: **Flat No#03, 1<sup>st</sup> floor, Shopnil, Govt, Mohila Collage Road, Sador, Jashore,**
7. Permanent Address: **Village: Chachi Dhanair, PO: Ariara, Sub-district: Lohagara, District: Narail**
8. Mobile No: **01913341957**
9. Email: **motasimsrdi@gmail.com**
10. Blood Group: **B(+ve)**
11. Date of Birth: **01-08-1977 AD**
12. Designation: **Principal Scientific Officer**
13. Joining date in SRDI: **02-07-2005 AD**
14. Field of Specialization: **Soil and Fertilizer Management, Plant nutrient management.**
15. **Training:**

(a) **In Country**

Organization	Year	Duration		Name of Programme
		From	To	
SRDI, Dhaka	2006	11-02-2006	16-02-2006	Use of Upazilla Soil and Land use Guide (ToT)
SRDI, Dhaka	2007	23-01-2007	-	Use of GPS
BPATC, Savar, Dhaka	2008	01-04-2008	29-07-2008	Foundation training Course
SRDI, Dhaka	2009	25-01-2009	30-01-2009	Fertilizer recommendation through STV
SRDI, Dhaka	2009	01-02-2009	06-02-2009	Use of Soil and Land information
SRDI, Dhaka	2009	09-08-2009	14-08-2009	New model Upazilla Soil and Land use Guide preparation
SRDI, Dhaka	2009	11-10-2009	31-12-2009	Departmental Training Course
SRDI, Dhaka	2010	20-12-2010	22-12-2010	ICT
SRDI, Dhaka	2011	31-05-2011	02-06-2011	Database management
SRDI, Dhaka	2013	14-01-2013	16-01-2013	Analysis of aerial photograph
SRDI, Dhaka	2013	28-09-2013	30-09-2013	Soil survey, taxonomy, local, FAO and USDA soil classification

  
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SRDI, Dhaka	2016	12-08-2016	-	Digital filing
SRDI, Dhaka	2016	09-11-2016	-	Online database management
SRDI, Dhaka	2016	27-11-2016	10-12-2016	Preparation of soil and land use map with recent aerial photograph
NATA, Gazipur	2016	04-12-2016	08-12-2016	Training on Smart Agriculture
SRDI, Dhaka	2017	27-11-2017	01-12-2017	Preparation of soil and land use map with recent aerial photograph
SRDI, Dhaka	2017	07-09-2017	09-09-2017	Use of ARC-GIS software
SRDI, Dhaka	2017	10-04-2017	-	Offline digital fertilizer recommendation
SRDI, Dhaka		13-02-2017	14-02-2017	Innovation in Public Service
Finance division, MoF	2022	17-11-2022	-	Bank information add in ibas++ software
Feed The Future:Policy Activity (USDA)	2023	08-05-2023		Seed Policy Sensitization
SRDI, Divisional Office, Khulna	2023	14-05-2023	15-05-2023	Problem Soil Management
Feed The Future:Policy Activity (USDA)	2023	29-05-2023	-	Gender Sensitization Workshop
Feed the Future Bangladesh Policy LINK Agriculture Policy Activity	2023	10-07-2023	11-07-2023	Leadership Development Training
IFDC, Bangladesh	2023	12-12-2023	-	Private sector engagement: Feed the Future Bangladesh Climate Smart Agriculture Activity
Feed The Future: Policy Activity (USDA)	2023	10-07-2023	11-07-2023	Leadership Development Training
USAID, Bangladesh	2023	14-06-2023	-	USAID stakeholder consultation on GFSS Country Plan revisions
SRDI Head office, Dhaka	2024	20-08-2024	22-08-24	Basic Microbiology
Bangladesh Institute of Management	2025	05-01-2025	18-01-2025	Administrative and Financial management
SRDI Head office, Dhaka	2025	26-01-2025	28-01-2025	GIS Based Training

b) **Abroad-N/A**

Country	Host Organization	Year	Duration		Name of Programme
			From	To	

16. **Experience/ Posting**

Position	Period		
	From	To	Total (Year/Month)
Scientific Officer, SRDI, Dhaka (Joining)	02-07-2005	12-07-2005	-/-
Scientific Officer, SRDI, Faridpur	13-07-2005	25-04-2009	03/09
Scientific Officer, SRDI, Patuakhali	26-04-2009	04-08-2010	01/03
Scientific Officer, SRDI, Kushtia	16-08-2010	07-04-2013	02/09
Senior Scientific Officer, SRDI, Faridpur	08-04-2013	05-01-2020	02/11
Principal Scientific Officer, SRDI, Faridpur	06-01-2020	30-01-2023	03/0
Principal Scientific Officer, SRDI, Jashore	31-01-2023	Till to date	Running

17. **Publications:**

i. **Books**

Name of Publication	Date
1. Upazila land & Soil Resource Utilization guide of Kotwalipara Upazila, Gopalganj	2023
2. Upazila land & Soil Resource Utilization guide of Madhukhali Upazila, Faridpur	2017
3. Cotton Suitability report of Madhukhali upazila, Faridpur	2017
4. Fertilizer Recommendation based on STV (in Bengali)	2016
5. Upazila land & Soil Resource Utilization guide of Saltha Upazila, Faridpur	2015
6. Upazila land & Soil Resource Utilization guide of Boalmari Upazila, Faridpur	2014
7. Upazila land & Soil Resource Utilization guide of Bheramara, Kushtia	2013
8. Upazila land & Soil Resource Utilization guide of Khokhsha Upazila, Kushtia	2012
9. Upazila land & Soil Resource Utilization guide of Doshmina Upazila, Patuakhali	2011
10. Saline Soils of Bangladesh (Associate)	2010
11. Upazila land & Soil Resource Utilization guide of Rajoir Upazila, Madaripur	2007

jj. **Scientific Article**

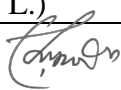
1. Motasim, Ahmmed Md, Samsuri A.W., Arina S. A. S. and Adibah M. A. 2020. Comparative Efficiency and Nitrogen Dynamics of Liquid and Granular Urea Fertilizers in Bungor Soil Series. pp. 284–287 in <i>Soil Science Conference of Malaysia 2020</i> . October, 6-8, Johor Baharu: Malaysian Society of Soil Science.	2020
2. Motasim, A. M., Samsuri, A. W., Abdul Sukor, A. S. and Adibah, A. M. (2021). Gaseous Nitrogen Losses from Tropical Soils with Liquid or Granular Urea Fertilizer Application. <i>Sustainability</i> , 13(6),3128. <a href="http://doi.org/10.3390/su13063128">http://doi.org/10.3390/su13063128</a>	2021
3. Motasim, A.M.; Samsuri, A.W.; Abdul Sukor, A.S.and Adibah, A.M. (2021). Nitrogen Dynamics in Tropical Soils Treated with Liquid and	2021

Granular Urea Fertilizers. <i>Agriculture</i> , 11(6): 546. <a href="https://doi.org/10.3390/agriculture11060546">https://doi.org/10.3390/agriculture11060546</a>	
4. Motasim, A. M., Samsuri, A. W., Sukor, A. S. A., and Amin, A. M. (2022). Effects of Liquid Urea Application Frequency on the Growth and Grain Yield of Corn ( <i>Zea mays</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 1-12. <a href="https://doi.org/10.1080/00103624.2022.2071435">https://doi.org/10.1080/00103624.2022.2071435</a>	2022
5. Motasim, A. M., Wahid-Samsuri, A., Abdul-Sukor, A. S., & Amin, A. M. (2022). Split application of liquid urea as a tool to nitrogen loss minimization and NUE improvement of corn-A review. <i>Chilean journal of agricultural research</i> , 82(4), 645-657.	2022
6. Motasim, A. M., Samsuri, A. W., Sukor, A. S. A. and Amin, A. M. (2022). Effects of Liquid Urea Rates on Nitrogen Dynamics, Growth, and Yield of Grain Corn. Abstract submitted for oral presentation in “5th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS 2022)”, held on August 22 <sup>nd</sup> –26 <sup>th</sup> , 2022, at the Royale Chulan Hotel, Kuala Lumpur, Malaysia	2022
7. Motasim, A. M., Samsuri, A. W., Sukor, A. S. A., & Amin, A. M. (2022). Effect of Liquid Urea on Growth and Yield of Grain Corn ( <i>Zea mays</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 1-17. <a href="https://doi.org/10.1080/00103624.2022.2109667">https://doi.org/10.1080/00103624.2022.2109667</a> .	2022
8. Motasim, A. M., Samsuri, A. W., Nabayi, A., Akter, A., Haque, M. A., Abdul Sukor, A. S., & Adibah, A. M. (2024). Urea application in soil: Processes, losses, and alternatives—A review. <i>Discover Agriculture</i> , 2(1), 42.	2024
9. Motasim, A.M., Samsuri, A.W., Sukor, A.S.A. <i>et al.</i> Effects of liquid urea rates on nitrogen dynamics, growth, and yield of corn ( <i>Zea mays</i> L.). <i>Discov Agric</i> 2, 56 (2024). <a href="https://doi.org/10.1007/s44279-024-00061-y">https://doi.org/10.1007/s44279-024-00061-y</a>	2025
10. Ahmmed, M.M., Hossain, F. and Quddus, A.F.M.R. (2017). Organic Amendment and Mulch on Yield of Onion. <i>Journal of Bio-sci and Agril. Res.</i> Online: 09.05.2017, Vol. 1 (01): 17-24, 2017.	2017
11. F. Hossain, M. F., Sarker, B. C., Kamaruzzaman, M., Halim, M. A., & Ahmed, M. M. (2015). Biochemical Investigation for Quality of Some Selected Rice Cultivars Produced in Piedmont Plain Soils. <i>J. Agric. Vet. Sci</i> , 8, 61-67.	2015
12. Hossen M.S, M. M. Ahmmed and M. A. Saleque. 2013. Carbon Fractions And Nutrient Availability In Coastal Floodplain Soils Of Bangladesh. <i>Bangladesh J. Crop. Sci.</i> 25: 125-138.	2013

13. Ahmmed, M. M., Moula, M. S., Moslehuddin, A. Z. M., & Siddique, M. N. A. (2014). Performance of rock phosphate and triple super phosphate on nutrient dynamics and yield of rice (BRRI Dhan39) in transplanted aman season in a Piedmont soil of Bangladesh. <i>Journal of Bioscience and Agriculture Research</i> , 1(01), 17-25.	2014
14. M.S. Moula and M.M. Ahmmed.2012.Effects of Rock Phosphate and Triple Super Phosphate on the Yield and Nutrient Uptake of T. Aman Rice. <i>Bangladesh J. Crop. Sci.</i> 22-23: 15-23.	2012
15. N.M. Sutradhar, K.R. Das, M.M.H. Bhuyan and M.M. Ahmmed. 2010. Comparative studies on insect pests and natural enemies in boro rice field. <i>Bangladesh J. Crop sci.</i> 21(1 & 2) 99-109.	2010
16. N. Sarker, K.R. Das, M.M. Ahmmed and M.M.H. Bhuyan.2010. Reaction of different local rice varieties to rice moth and response of the pest to parathyroid insecticide. <i>Bangladesh J. Crop Sci.</i> 21(1): 91-97	2010
17. A.K.M. Rahman, M.M. Ahmmed, M.N. Islam and M.B. Hossain. 2010. Study on the burrowing pattern and damage of <i>Bandicota bengalensis</i> and <i>Bandicota indica</i> in boro rice. <i>Bangladesh J. Prog. Sci. &amp; Tech.</i> 8 (1): 87-90.	2010
18. M.M. Ahmmed, M.M.H. Bhuyan, M.N.Uddin, K.R. Das and M. A. Hoque.2009.Biological activities of celafloor against epilachna beetle, <i>Epilachna doecastigma</i> (Wied). <i>Bangladesh J. Crop. Sci.</i> 20(2):205-213.	2009
19. M.M. Ahmmed, M.N. Uddine, M.M.H. Bhuyan, A.K.M. Rahman and K.R. Das. 2009. Field damage assessment of <i>Bandicota bengalensis</i> and <i>Bandicota indica</i> in boro rice and its non-chemical control. <i>J. Agrofor. Environ.</i> 3(1):151-154.	2009

#### 18. Other achievements

Title of Award	Title/ Ground	Date
International Union of Soil Science (IUSS) stimulus fund awarded /2020	Poster presentation. SOILS 2020: Soil Science Conference of Malaysia 2020. 6-8 October 2020, Johor Baharu. Malaysia	08-10-2020
International Union of Soil Science (IUSS) stimulus fund awarded /2022	Poster presentation. 15 <sup>th</sup> International Conference of the East and Southeast Asia Federation of Soil Science. 22-26 August/2022. Royel Chulan Hotel, Kuala Lumpur, Malaysia.	20-05-2022
Doctor of Philosophy (PhD) University Putra Malaysia	Comparative Efficiency Of Liquid And Granular Urea Fertilizers On Nitrogen Dynamics, Growth Performance And Yield Of Grain Corn ( <i>Zea mays</i> L.)	August 2022

  
 ড. মোহাম্মদ হোসাইন আব্দুল  
 কাদের (ফেলো)  
 প্রধান বিজ্ঞানিক কর্মকর্তা  
 সূত্রিকো সম্পদ উন্নয়ন ইনস্টিটিউট  
 অক্সফোর্ড ক্যাম্পাস, যশোর।