

## Curriculum Vitae

1.	<b>Name</b>	A.T.M. Sakhawat Hossain			
2.	<b>Designation</b>	Senior Scientific Officer			
3.	<b>Present Address</b>	Soil Science Division. BRRI, Gazipur			
4.	<b>Tel./Mob./Fax.</b>	01718261858			
5.	<b>Email/Web:</b>	sakhawatbrri@gmail.com, jewelbrri@yahoo.com			
6.	<b>Date of Birth</b>	01-01- 01972			
7.	<b>Specialization</b>	Soil fertility and plant nutrition			
8.	<b>Education</b>				
	<b>Degree</b>	<b>Year</b>	<b>Institute</b>	<b>Major Subject/Field</b>	
	Post Doc.	-			
	PhD	2015	BAU, Mymensingh	Soil Science	
	MS	2007	BSMRAU, Gazipur	Soil Science	
	B.Sc. Ag	1993	BAU, Mymensingh	Agricultural Science	
9.	<b>Training</b>				
	<b>Foreign Training</b>				
	<b>Organization</b>	<b>Year</b>	<b>Duration</b>		<b>Name of Program</b>
			From	To	
	Denmark	2002	06-05-2002	01-08-2002	Danida Fellowship course on Soil Conservation and Soil Fertility Management
	<b>In-Country Training</b>				
	<b>Organization</b>	<b>Year</b>	<b>Duration</b>		<b>Name of Program</b>
			From	To	
	BRRI, Gazipur	1999	12-07-1999	09-09-1999	Rice production, communication and office management
	BARD, Comilla	2001	15-04-2001	29-07-2001	Foundation Training Course
	BARI, Gazipur	2000	06-03-2000	10-03-2000	On-Farm Soil Fertility and Fertilizer Management
	BARC, Dhaka	2001	04-11-2001	17-11-2001	AEZ/GIS data base management and its application in agriculture
	DU, Dhaka	2005	10-11-2007	15-11-2007	Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB)
	BARC, Dhaka	2009	09-02-2009	11-02-2009	Use of fertilizer Recommendation Guide-2005
	BARC, Dhaka	2009	15-06-2009	18-06-2009	Use of Manual for fertilizer analysis

10.	<b>Publication(s): (Heading &amp; PDF file)</b>	
	No.	National (Full length paper)
	1.	<b>Hossain, A.T.M.S.</b> , F. Rahman, M.S.A. Talukder and B.K. Sarkar.2005. Evaluation of leaf color chart based N- fertilizer management for MV rice in Faridpur region. Int. J. Sustain. Agril. Tech.1 (3): 11-19.
	2.	<b>Hossain, A.T.M.S.</b> , M.A. Saleque, F. Rahman, M.K. Uddin and S.K.Zaman. 2005. Carbon and nitrogen in rice soil after long term fertilizer and manure management. Int. J. Sustain. Agril. Tech. 1 (3): 29-37.
	3.	<b>Hossain, A.T.M.S.</b> , F. Rahman, P.K. Saha and A.R.M. Solaiman.2010. Effect of different aged poultry litter on the yield and nutrient balance in boro rice cultivation. Bangladesh J. of Agril. Res.35 (3):497-505.
	4.	<b>Hossain, A.T.M.S.</b> , F. Rahman, G.M. Panaullah and M.A. Saleque.2013. Fertilizer management for wheat crop in the Himalayan Piedmont soil. Bangladesh J. of Agril. Res.38 (2):241-246.
	5.	Rahman, F. M.S.A. Talukder, <b>A.T.M.S.Hossain</b> , M.S. Islam and M.M. Rahman.2005.Effect of sowing time and population density on yield and nutritional qualities of garden pea. Int. J. Sustain. Agril. Tech.1 (6): 41-48.
	6.	Saleque, M. A., U.A. Naher, , A.B.M.B. Pathan, <b>A. T. M. S. Hossain</b> and A.Islam. 2002. Changes in phosphorus fractionation in lowland rice soils to organic and inorganic fertilizer application for eight years. Bangladesh J. Agril. Sci. 29(2): 259-265.
	7.	Islam,A., U. A.Naher, <b>A. T. M. S. Hossain</b> , B.K.Mitra and M.A.Saleque.2004. Effect of organic and inorganic amendment of phosphorus sorption characteristics of lowland rice soil. Bangladesh J. of Agril. Res.29 (3):459-465.
	8.	Badsha, M.A., M .A.Haque, M. Ibrahim, N Akter and <b>A T M S Hossain</b> ,2005. Influence of nitrogen levels on growth and physiology of new plant type of inbred rice. Bangladesh J. of progressive science and technology. Vol.3 (2): 131-134.
	9.	Rahman, F., P.K.Saha, <b>A.T.M. S. Hossain</b> , M.S.A. Talukder and M.A.M. Miah. 2008. Effect of integrated nutrient management on yield and economics in Bushbean-T.Aus – T. Aman Cropping pattern. Intl. J. Bio. Res. 4(2): 21-27.
	10.	Saha, P. K., <b>A.T.M. S. Hossain</b> ,M.A.M. Miah, M.M. Rahman and M.A. Saleque.2008. Contribution of crop residue to supply K in rice- wheat system. Bangladesh Rice J. 14 (1&2): 43-48.
	11.	Saleque, M. A., <b>A. T. M. S. Hossain</b> , A. Khatun and S.K. Zaman.2009. Cattle and poultry manure as alternative to chemical phosphorus fertilizer for lowland rice. Bangladesh Rice J. 14 (1&2): 49-54.
	12.	Saha, P. K., M.A.M. Miah, <b>A.T.M. S. Hossain</b> , F. Rahman and M.A. Saleque. 2009. Contribution of rice straw to potassium supply in rice –fallow- rice cropping pattern. Bangladesh J. of Agril. Res.34 (4): 633-643.
	13.	Rahman, F., <b>A.T.M. S. Hossain</b> , M Akter and R. Khanam. 2009. Effect of different aged poultry litter on growth, yield and economics of wetland boro

		rice. Eco-friendly Agril. J. 2(11): 920-925.
14.		Saleque, M. A., M. N. H. Mahmud, A. Khatun, M. M. Haque, <b>A. T. M. S. Hossain</b> , and S. K. Zaman. 2009. Soil Qualities of saline and Non-saline deltas of Bangladesh. Bangladesh Rice J. 14 (1&2): 99-112.
15.		Rahman, F., <b>A.T.M. S. Hossain</b> and M R Islam. 2009. Nutrient and Heavy metal contents in poultry litter. Bangladesh Rice J. 14 (1&2): 113-118.
16.		Saha, P. K., <b>A.T.M. S. Hossain</b> and M.A.M. Miah. 2010. Effect of potassium application on wheat ( <i>Triticum aestivum</i> L.) in old Himalayan piedmont plain. Bangladesh J. of Agril. Res.35 (2):207-216.
17.		Rahman, F., <b>A.T.M. S. Hossain</b> , P.K.Saha and M.A.M. Miah. 2009. Effect of integrated use of organic manure and chemical fertilizers on yield, nutrient uptake and nutrient balance in the Bushbean-T.Aus – T. Aman Cropping pattern. Bangladesh J. Agril. Res. 34 (1): 157-164.
18.		Islam, M. Sh., F.Rahman and <b>A.T.M. S. Hossain</b> . 2011. Effect of NPK Briquette on Rice ( <i>Oryza sativa</i> ) in Tidal Flooded Ecosystem. The Agriculturists.9 (1 and 2): 37-43.
		<b>National (Short Communication)</b>
1.		Saha, P. K., <b>A. T. M. S. Hossain</b> , U.A. Naher and M.A. Saleque.2004. Nutrient composition in some available organic materials for agricultural use in Bangladesh. Bangladesh J. of Agril. Res. 29(1): 165-168, March 2004.
		<b>International (Full length paper)</b>
1.		Saleque, M. A., U.A.Naher, N.N. Choudhury and <b>A. T. M. S. Hossain</b> , 2004. Variety specific nitrogen fertilizer recommendation for lowland rice. Comm. Soil Sci. and Plant Anal. 35 (13&14): 1891–1903.
2.		Saleque, M. A. U.A. Naher, A.Islam, A.B.M.B. Pathan, <b>A.T.M.S.Hossain</b> and C.A. Meisner, 2004. Inorganic and organic phosphorus fertilizer effects on the phosphorus fractionation in wetland rice soils. Soil Sci. Soc. Am.J. 68(5): 1635-1644.
		<b>Books and Leaf let</b>
1.		Miah, M.A.M., M.R. Islam, U.A. Naher, <b>A.T.M.S.Hossain</b> , F.Rahman and H.M. Khaled. 2005. Nutrient deficiency symptoms in rice plants and its remedies. Soil science division, BRRI, Gazipur and SFFP project, Khamarbari, Farm gate, Dhaka.
2.		Miah, M.A.M. and <b>A.T.M.S.Hossain</b> . 2008. Dhan Chasey Gutu Urea Baboher: Odhik Folon Beshi Love. Food security for sustainable household livelihoods (FOSHOL)- coordination project /IRRI.
		<b>Seminar and Abstract</b>
1.		<b>Hossain. A. T. M. S.</b> 2002. Evaluation of available organic materials as supplemental nutrient sources for rice. Paper presented at BRRI Thursday Seminar, 30 March 2002.
2.		<b>Hossain,A.T.M.S.</b> , F.Rahman, M.A.M.Miah and A.R.M. Solaiman.2008. Decomposition time of poultry litter and its effect on wetland rice. Paper presented at BRRI Thursday Seminar, 19 June, 2008.

	3.	Saha. P. K., <b>A. T. M. S. Hossain</b> , F. Rahman, M.A. Saleque and M. A. M. Miah.2003.Integrated nutrient management for rice based cropping system. Paper presented at BIRRI Thursday Seminar, 25 September, 2003.		
	4.	Saleque. M A., <b>AT M S Hossain</b> and M A M Miah, 2004.Optimum dose of chemical phosphorus fertilizer for rice and role of organic manures. Paper has been presented at BIRRI Thursday Seminar, 28 October 2004.		
	5.	Saleque. M A., <b>AT M S Hossain</b> and S. K. Zaman, 2004.Potassium chemistry of tidal sediment.2008. Paper has been presented at BIRRI Thursday Seminar, 20 November, 2008.		
	6.	Rahman.F., U.A. Naher, <b>A.T.M. S. Hossain</b> , M.A. Saleque and M.A.M. Miah.2005. Changes in humic acid type in cowdung and poultry manure amended wetland soils. Abstract has been received for the 9 <sup>th</sup> international symposium on Biogeochemistry of wetlands. 20-23 March 2005, Louisiana, USA.		
11.	<b>Award (if any)</b>	<b>Outstanding performance</b>		
		Got <b>GPA 4.0 (out of 4)</b> in MS course at BSMRAU, Gazipur.		
		Got distinction in the rice production, communication and office management training at BIRRI		
		Performed best in IIA (Individual Implementation Assignment) preparation during the fellowship course at Denmark.		
12.	<b>Employment</b>			
	<b>Designation</b>	<b>Institute/ Organization</b>	<b>Duration</b>	<b>Responsibility/Duties/Field</b>
	Senior Scientific Officer	BIRRI R/S Habiganj	14-09-2014 to date	Soil fertility management and increasing rice yield at Sylhet region
1.	Senior Scientific Officer	Soil Science Division, BIRRI, Gazipur	11-01-2011 to 13-09-2014	Phosphorus fertilizer management for increasing and sustaining rice yield
2.	Scientific Officer	Soil Science Division, BIRRI, Gazipur	28-02-1999 to 10-01-2011	Soil fertility management for sustainable rice production