

**CURRICULUM VITAE
OF
AMINA KHATUN**



1.	Name		AMINA KHATUN	
2.	Designation		Principal Scientific Officer,	
3.	Present address		Rice Farming Systems Division Bangladesh Rice Research Institute Gazipur, Bangladesh	
4.	Tel./Mob./Fax		Tel. 88-02-49272005-14, Mobile: 01716-609041 Fax: 88-02-49272000 E-mail: aminabri@gmail.com	
5.	Date of birth		30 October 1969	
6.	Specialization		Agronomy, Farming Systems	
7.	Education			
	Degree	Year	Institute	Major Subject/Field
	PhD	2014	Bangladesh Agricultural University	Agronomy
	MS	1995	Bangladesh Agricultural University	Agronomy
	BSc Ag (Hons)	1990 (Held in 1993)	Bangladesh Agricultural University	Agronomy, Soil Science, Agril. Extn, Horticulture, Pl. Pathology, Pl. Breeding, Crop Botany, Entomology
8.	Training			
Foreign				
	Organization	Year	Duration (Days)	Name of Program
	FSSRI, UPLB, Philippines	2000	42	Integrated crop management
	IRRI, Philippines	2004	14	Rice Production
	Kathmandu, Nepal	2019	3	South Asian Nitrogen Hub Inception Workshop

	In-country			
	Organization	Year	Duration (Days)	Name of Program
	Bangladesh Rice Research Institute	1998	60	Rice production, Communication & Office Management
	Bangladesh Centre for Advance Studies	1998	12	Advances in Family Health and Social Communication
	Bangladesh Rice Research Institute	1999	12	Food and Nutrition Security in Bangladesh
	Bangladesh Agricultural Research Council	1999	12	Farming Systems Research and Development Methodology
	Bangladesh Academy for Rural Development	2000	105	Foundation Training Course
	Bangladesh Rice Research Institute	2006	5	Hybrid Rice Development and Seed Production
	Agricultural Information Service, DAE, Dhaka	2008	3	E-governance & E-commerce
	Bangladesh Agricultural Research Council	2015	3	Use of Fertilizer Recommendation Guide
	Bangladesh Rice Research Institute	2017	3	Experimental Design and Data Analysis Training Course
	National Agricultural Training Academy	2017	14	Project Management, Procurement and Monitoring
	Bangladesh National Commission for UNESCO	2018	3	Future Crops for Food Security and Sustainability
9.	Publications			
	Journal publications			
	Khatun, A., M. K. A. Bhuiyan, A. B. M. Mostafizur, M. S. U. Bhuiya and M. A. Saleque. 2018. Nitrogen Uptake Dynamics and Dry Matter Production of Rice in Response to Nitrogen Fertilizer Application. J. Food Science and Engineering. 8: 35–45. doi: 10.17265/2159-5828/2018.01.004			
	Khatun, A., N Parvin, M M R Dewan and A Saha. 2017. Cropping Patterns in Mymensingh			

	Region: Diversity, Constraint and Potential. Bangladesh Rice J. 21(2): 217–235.
	Khatun, A., A. B. M. Mostafizur, B. J. Shirazy, M. Nasim, A. Saha and M. S. Kabir. 2016. Nitrogen management options in winter rice under Boro – Fallow – T. Aman cropping systems. Research on Crop Ecophysiology. 11: 68 – 77.
	Khatun, A., M. S. U. Bhuiya and M. A. Saleque. 2016. Nitrogen uptake from organic manures and chemical fertilizer and yield of lowland rice. Bulletin of the Institute of Tropical Agriculture, Kyushu University. 39: 13–27.
	Khatun, A., M. K. Quais, A. A. Begum, M. A. Saleque and M. S. U. Bhuiya. 2016. Response of medium and long duration boro rice variety (<i>Oryza sativa</i> L.) to nitrogen fertilizer. The Agriculturists. 14 (2): 48 – 60.
	Khatun, A., M. K. Quais, H. Sultana, M. K. A. Bhuiyan and M. A. Saleque. 2015. Nitrogen fertilizer optimization and its response to the growth and yield of lowland rice. Research on Crop Ecophysiology. 10(1): 1-16.
	Khatun, A., H. Sultana, A. B. M. J. Islam, M. S. U. Bhuiya and M. A. Saleque. 2015. Seed yield and quality of lowland rice (<i>Oryza sativa</i> L.) as influenced by nitrogen from organic and chemical sources. The Agriculturists. 13 (1): 109 – 118.
	Khatun, A., H. Sultana, M. A. U. Zamzn, S. Pramanik and M. A. Rahman. 2015. Urea deep placement in rice as an option for increasing nitrogen use efficiency. Open Access Library Journal. 2: e1480. http://dx.doi.org/10.4236/oalib.1101480
	Khatun, A., H. Sultana, M. S. U. Bhuiya and M. A. Saleque. 2015. Nitrogen use efficiency of low land rice as affected by organic and chemical sources. Open Access Library Journal. 2: e1327. http://dx.doi.org/10.4236/oalib.1101327
	Khatun, A., M. S. U. Bhuiya and M. A. Saleque. 2014. Response of nitrogen on yield and seed quality of boro rice. Bangladesh Rice J. 18: 24–32.
	Khatun, A. and M. A. Saleque. 2010. Farmers’ participatory field specific nutrient management in tidal flooded soil for HYV Aus rice. Bangladesh J. Sci. Res. 23: 73–80.
	Khatun, A., A. H. Khan, and M. A. Saleque. 2007. Double transplanting of Boro rice increased system productivity of T. Aman – Potato – Boro cropping pattern. The Agriculturists. 5:

	86 – 94.
	Khatun, A. , A. H. Khan, N. E. Elahi, M. H. Rashid and M. H. Kabir. 2003. Agro-economic productivity of two and three crop systems in the irrigated ecosystem. J. Bangladesh Agril. Univ. 1: 1 – 5
	Khatun, A. , M.I.U. Mollah, M. H. Rashid, M.S. Islam and A. H. Khan. 2002. Seasonal effect of seedling age on the yield of rice. Pakistan J. Bio. Sci. 5: 40– 42.
	Khatun, A. , M. H. Rashid, M. I. U. Mollah, A. H. Khan, M. S. Islam and N. E. Elahi. 2001. Performance of rabi crops intercropping with wheat at different planting geometry. OnLine J. Bio. Sci., 1: 1103–1105.
	Abdullah Al Mamun, M., Haque, M. M., Saleque, M. A., Khaliq, Q. A., Karim, A. J. M. S., Khan, M. A. R., Khatun, A. and Karim, M. A. 2020. Management strategy, uptake and translocation of nitrogen in tidal flooded rice ecosystem. Journal of Plant Nutrition. https://doi.org/10.1080/01904167.2020.1766065
	Faruquei, M. A. B., Saha, A., Khatun, A. , Ibrahim, M., Harun Ar Rashid, Dewan, M. M. R., Quais, M. K., Mondal, S., Pramanik, S., Parvin, N., Islam, A. B. M. J., Asad Uz Zaman, 3. M. Shirazy, B. J., Mostafizur, A. B. M., Khatun, L., Eftekhari Uddin, M., Chakrobarty, T. and Shahidullah, S. M. 2020. Performance of exotic date (<i>Phoenix dactylifera</i>). International Journal of Agricultural Sciences and Veterinary Medicine. 8: 30–37
	Shirazy, B. J., Mostafizur, A. B. M., Khatun, L., Khatun, A. , Rashid, M. M., Islam, M. S., & Akter, N. 2019. Evaluation of salt tolerant winter rice variety for coastal region of Bangladesh. International J. Applied Res., 5, 63–66.
	Bhuiyan, M. K. A., S. U. Bhuiya, M. A. Saleque and A. Khatun . 2018. Grain yield, growth response, and water use efficiency of direct wet-seeded rice as affected by nitrogen rates under alternate wetting and drying irrigation system. Communications in Soil Science and Plant Analysis. http://doi.org/10.1080/00103624.2018.1526942
	Bhuiyan, M. K. A., S. U. Bhuiya, M. A. Saleque and A. Khatun . 2017. Nitrogen application in direct wet-seeded rice under alternate wetting and drying irrigation condition: Effects on grain yield, dry matter production, nitrogen uptake and nitrogen use efficiencies. Journal of Plant Nutrition.
	Zaman, M A U., S Pramanik, N Parvin and A Khatun . 2017. Crop Diversification in Rangpur

	Region. Bangladesh Rice J. 21(2): 255–271.
	Parvin, N., A. Khatun , M K Quais and M Nasim. 2017. Cropping Pattern, Intensity and Diversity in Dhaka Region. Bangladesh Rice J. 21(2): 123–141.
	Hossen, M. A., AKM Saiful Islam, MK Zaman, A. Khatun , MA Alam and Bhuiyan MKA. 2017. Mechanical deep-placement of urea fertilizer with a prilled urea applicator saved fertilizer and increased yield for long duration wet land rice variety. Bangladesh J. Progressive Science & Technology. 15: 25–30.
	Begum, A. A., M. S. U. Bhuiya, S. M. A. Hossain, A. Khatun , S. K. Das and M. Y. Sarker. 2016. System productivity of potato + maize intercropping as affected by sowing date. Bangladesh Agron. J. 19(2): 11–20.
	Ferdous, N., S. K. Biswas, M. A. Siddiquee, M. A. Haque, T. K. Sarkar, A. Khatun and Z. K. Hawlader. 2016. Evaluation of nutritional and grain quality for red and white pericarp rice germplasm of Bangladesh. Bangladesh Research Publications Journal. 12: 01–08.
	. Islam, S. M. M., A. Khatun , F. Rahman, A. T. M. S. Hossain, U. A. Naher and M. A. Saleque. 2015. Rice response to nitrogen in tidal flooded non-saline soil. Bangladesh Rice J. 19: 65–70.
	Mollah, M. I. U., M. S. U. Bhuiya, A. Khatun and S. M. A. Hossain. 2015. Increasing crop diversity and productivity of Rice (<i>Oryza sativa</i> L.) – Wheat (<i>Triticum aestivum</i> L.) cropping system. Bangladesh Rice J. 19: 37–46.
	Quais, M. K., M. M. R. Dewan, A. Khatun and H. Sultana. 2015. Rice yield gap minimization in central Bangladesh: Using and adapting existing technologies. Open Access Library Journal. 2: e1641. http://dx.doi.org/10.4236/oalib.1101641
	Mukul, M. H. R., M. A. Siddique, R. Barua, S. Naher and A. Khatun . 2011. A study on the status of jhum and jhumia farmers in Chittagong hill tract region of Bangladesh. Eco-friendly Agril. J. 4: 550–555.
	Hossain, M. I., A. Khatun , M. S. A. Talukder, M. M. R. Dewan and M. S. Uddin. 2010. Effect of drought on physiology and yield contributing characters of sunflower. Bangladesh J. Agril. Res. 35:113–124.
	Rahman, M. S., N. Sharma, A. Khatun , and M. A. Saleque. 2010. Growing degree days for boro rice varieties. Bangladesh Rice J. 15: 77 – 80.

	Saleque M. A., M. N. H. Mahmud, A. Khatun , M. M. Haque, A. T. M. S. Hossain and S. K. Zaman. 2009. Soil qualities of saline and non-saline Deltas of Bangladesh. Bangladesh Rice J. 14: 99–111.
	Mollah, M. I., M. S. U. Bhuiya, M. H. Kabir, A. Khatun and A. Saha. 2009. Nitrogen use efficiency of direct-seeded Aman rice under bed planting method in rice-wheat cropping system. Bangladesh Rice J. 14: 133–138.
	Mollah, M. I. , M. S. U. Bhuiya, A. Khatun , M. H. Kabir, M. S. Ali and A. H. Khan. 2009. Bed planting: A water saving technology in rice-wheat cropping system. Bangladesh Rice J. 14: 139–146.
	Saleque M. A., M. K. Uddin, A. K. M. Ferdous, A. Khatun and M. H. Rashid. 2009. An evaluation of nutritional constraints on irrigated rice yield. International Plant Nutrition Colloquium. University of California. http:// repositories.cdlib.org/ipnc/xvi/1083 .
	Haque, M. A., A. Khatun , D. E. Jharna and M. A. Saleque. 2008. Effect of tidal water flooding on growth and nitrogen uptake of rice. Inter. J. of Biores. 5:1–5
	Islam, M. S., K. P. Halder, M. J. U. Chowdhury and A. Khatun . 2008. Effect of different spacing on the yield under system of rice intensification (SRI) technique in T.Aman season. Inter. J. of Biores. 4:116–121.
	Saleque M. A., A. T. M. S. Hossain, A. Khatun and S. K. Zaman. 2008. Cattle and poultry manures as alternative to chemical phosphorus fertilizer for lowland rice. Bangladesh Rice J. 14: 49–54.
	Kabir, M. S., D. N. R. Paul, M. I. U. Mollah and A. Khatun . 2007. Extrapolation of domain of a proven resource conservation technology: Crop establishment by Chinese hand tractor seeder in rice – wheat systems. Bangladesh Rice J. 12:57 – 62.
	Rashid, M. H., A. H. Khan, A. Khatun and M. A. Quddus. 2004. Optimizing productivity of T. Aman – Potato – Boro cropping pattern by practicing double transplantation in Boro. J. Subtrop. Agric. Res. Dev. 2:19 –23.
	Kabir, M. H., A.H. Khan, A. Khatun and N.E. Elahi. 2003. Cropping patterns, area coverage, adoption and yield of modern variety of rice and strategies for improvement of Faridpur District. J. Agril. Edu. Tech. 6:75 –82.
	Quddus, M.A., M.H. Rashid, A.H. Khan, M. Ibrahim and A. Khatun . 2003. Evaluation of

	improved cropping patterns in the medium highland rice ecosystem. J. Agron. 3:175 – 178.
	Hossain, M. I., M. S. A. Talukder, A. Khatun , M. A. B. Faruquei, and W. B. Shadat. 2003. Effect of drought on morphology and yield contributing characters of sunflower. J. Agric. Sci. Tech. 4:49 – 57.
	Mollah, M. I. U., N. E. Elahi, A. Khatun and M. M. Alam. 2002. Increasing productivity of upland ecosystem through row and mixed intercropping of pigeonpea with rice-blackgram crop sequence. Pakistan J. Agron. 1: 34 – 37.
	Mollah, M. I. U., A. Khatun , M. M. Alam, A. H. Khan and N. E. Elahi. 2002. Hedge row intercropping of pigeon pea in rainfed upland ecosystems of Bangladesh. On Line J. Bio. Sci. 2:133 – 135.
	Mondal, S., J. Hasan, P. L. Biswas, E. Ahmed, T. Halder, M. P. Ali, A. Khatun , M. Nasim, T. Islam, E. S. Ella and E. M. Septiningsih. Nitrogen Use Efficiency in Rice under Abiotic Stress: Plant Breeding Approach. DOI: http://dx.doi.org/10.5772/intechopen.94038
	Other publications
	<p>অনলাইন পত্রিকায় প্রকাশিত</p> <ol style="list-style-type: none"> 1. করোনা সংকট ও হাওড় অঞ্চলের কৃষকের বোরো ধান ঘরে তোলার চ্যালেঞ্জ মোকাবেলা (কপি সংযুক্ত) । 2. জুমে উচ্চ ফলনশীল আউশ ধানের আবাদ বৃদ্ধিকরণ করোনা পরিস্থিতিতে জুমিয়াদের মাঝে আশার আলো সঞ্চার করবে (কপি সংযুক্ত) । 3. করোনায় ফার্মিং সিস্টেমস কর্মকাণ্ডে গ্রামীণ নারীদের অধিকতর সম্পৃক্তকরণ এখন সময়ের দাবী (কপি সংযুক্ত) । 4. পাহাড়ে কাজুবাদাম চাষ সম্ভাবনার এক নতুন দিগন্ত (কপি সংযুক্ত) । <p>মাসিক কৃষি বিষয়ক ম্যাগাজিন: “আমার খামার আমার জীবন” এ প্রকাশিত</p> <ol style="list-style-type: none"> 5. রোপাআমন-আলু-বোরো একটি লাভজনক টেকসই শস্যবিন্যাস (T.Aman -Potato-Boro: a

profitable and sustainable cropping system).

6. কৃষি উন্নয়নে গ্রামীণ মহিলাদের ভূমিকা (Contribution of rural women in agricultural development).
7. ধান ক্ষেতের আইলে সবজির চাষ (Cultivation of vegetables on the ail of rice plot).
8. বসত বাড়ির আঙ্গিনায় সবজির মাচার নিচে আদা চাষ (Zinger cultivation under vegetable trails).
9. সেচ সুবিধাপ্রাপ্ত উঁচু ও মাঝারী উঁচু জমিতে সবজি চাষ একটি লাভজনক উদ্যোগ (Vegetable cultivation in high & medium high land utilizing irrigation facilities is a profitable initiative).
10. টমোটো চাষে বিশ্বকর সাফল্য (An amazing success in tomato cultivation).

No. of Popular article in Bengali published in *Dhan Gobeshona Shomachar* (Rice Research Information):

11. ধানভিত্তিক মসয় বিন্যাসে সরিষা চাষ একটি লাভজনক উদ্যোগ (Inclusion of mustard in a rice-rice cropping system is a profitable initiative), Special issue (25th year), June-July, 2014.

Radio Talk in “Krishikotha” broadcasted from Bangladesh Betar, Barisal on:

12. *Aus dhaner onistakari poka babosthapon* (Harmful insect management in Aus rice) dated on 10 May, 2007.
13. *Ropa aman dhaner jat nirbachan o bijtolar jotna* (Variety selection in T. Aman rice and care of seedbed) dated on 13 July, 2007.
14. *Aman dhaner khatikar pokamakor o tar protikar* (Harmful insects in Aman rice and its management) dated on 11 October, 2007.
15. *Drum seeder poddhotite boro dhan chash* (Boro cultivation using drum seeder)

dated on 1 December, 2007.

16. *Aus dhaner jat nirbachan o chash poddhoti* (Variety selection and cultivation method of Aus rice) dated on 3 March, 2008.
17. *Fosholer agasa domone balainashak baboher* (Herbicide use for controlling weed in crop land) dated on 21 April, 2008.
18. *Aman dhaner jat nirbachan o bijtola toirir koushol* (Variety selection in T. Aman rice and preparation technique of seedbed) dated on 9 May, 2008.
19. *Adhunik poddhotite ropa aman dhaner chash poddhoti* (Modern cultivation technique of T. Aman rice) dated on 11 July, 2008.
20. *Bonnakalin o bonnaporoborti shomoye aman dhaner bijtola toiri o bijtolar jotna* (Seedbed preparation and preservation technique of Aman rice during flood and after flood) dated on 13 July, 2008.
21. *Dhan chita houar karon o nabi ropa aman dhaner chash poddhoti* (Causes behind sterility and production technique of Late T.Aman rice) dated on 30 August, 2008.
22. *Aman dhaner bibhinna roog o tar protikar* (Various diseases of Aman rice and its control measures) dated on 13 September, 2008.
23. *Aman dhaner bijkhet nirbachan, bij shongraha o shongrokkhon poddhoti* (Field selection, collection and preservation of seed for T.Aman rice) dated on 18 October, 2008.
24. *Boro dhaner bijtola toiri o charar jotna* (Seedbed preparation and care of seedling of Boro rice) dated on 8 November, 2008.
25. *Unnayaner lokkhe krishi unnoyone bhalo bijer gurutta* (Importance of quality seed in agricultural development) dated on 26 November, 2008.

	<p>26. <i>Drum seeder poddhotite borodhan chasher upokarita o chash poddhoti</i> (Boro rice cultivation using Drum seeder & its benefits) dated on 30 December, 2008.</p> <p>27. <i>Borodhan Khete urea shar uporiproयोग o antaporichaja</i> (Urea topdressing and intercultural operation in boro rice field) dated on 9 January, 2009</p>			
10.	Award			
	a) “Integrity Award, 2020-21” b) “Joyeeta Award, 2017”			
11.	Employment			
	Designation	Institute/ Organization	Duration	Responsibility/Duties/Field
	Scientific Officer	BIRRI	20/08/1998-19/08/2006	Research planning, execution, report writing of Farming systems research
	Senior Scientific Officer	BIRRI	20/08/2006-30/01/2019	Research planning, execution, report writing of Farming systems research
	Principal Scientific Officer	BIRRI	31/01/2019 to till date	Research planning, execution, report writing of Farming systems research