

## Curriculum Vita

**Dr. Abhijit Saha, CSO, RFS Division, BRRI**

1.	Name	: Dr. ABHIJIT SAHA
2.	Father's name	: Late Manomohan Saha
3.	Mother's name	: Late Shova Rani Saha
4.	Gender	: Male
5.	Designation	: Chief Scientific Officer
6.	Institution	: Bangladesh Rice Research Institute
7.	Date of joining in the present position	: 15 July, 2018
8.	Date of joining in service	: 20 November, 1988
9.	Date of birth and age	: 01 January, 1961

### 10. Educational Qualification:

Degree/Diploma Certificate	Class/Grade/Division	University/Institute/Board	Year
S.S.C.	1st Division	Charsindur High School, Dhaka Board	1976
H.S.C.	2nd Division	Notre Dame College, Dhaka Board	1978
B. Sc. Ag (Hons.)	1st Class	Bangladesh Agricultural University, Mymensingh	1983 <sup>a</sup>
M. Sc. (Ag) in Agronomy	2nd Class	Bangladesh Agricultural University, Mymensingh	1985 <sup>b</sup>
PhD	Not Applicable	Bangladesh Agricultural University, Mymensingh	2007 <sup>c</sup>
Post-doctoral Fellowship	Not Applicable	Iwate Universty, Morioka, Japan	2014

a- Held in 1985; b- Held in 1989; c- Certificate awarded in 2009.

### 11. Field of Specialization: Rice Farming Systems Agronomist

12. Training:

(a) In Country:

Organization	Year	Duration		Name of programme
		Months	Days	
GTI, BAU,	1986	-	15	Administration, Office Management and Communication
BRRI-BARC	1989	-	15	Irrigation and Water Management for Rice Production
BARI-BARC	1989	-	20	Survey and Sampling Technique
BRRI-BARC	1990	-	15	Research Planning and Evaluation
BRRI	1991	3	-	Rice Production
GTI, BAU	1992	-	20	Farming Systems Research and Development
BARD	1994		7	Ecological Farming

(b) Abroad:

Country	Funding	Year	Duration		Name of programme
			Months	Days	
Philippines	IRRI	1990	04	-	Farming Systems Research /Extension
Japan	JICA	1995	09	-	Rice Cultivation Technology
Korea	KOICA	2000	-	20	Rice Production

13. Experience:

Position	Period		
	From	To	Total (Yr/Mo)
SO	20 November, 1988	20 May, 1998	09 Yrs. 06 Months
SSO	20 May, 1998	25 November, 2009	11 Yrs. 06 Months
PSO	25 November, 2009	14 July, 2018	05 Yrs. 03 Months
CSO	15 July, 2018	Cont'd.	
Total	20 November, 1988	Cont'd.	26 Yrs. 03 Months

14. Publication: SO to PSO (Attachment no. 1. List of all publications)

(a)	Scientific journals	No. of publication
	(i) Full paper	24
	(a) Paper published in the Reputed International Journal	4
	Principal author	1
	Co-author	3
	(b) Other National & International Journal	20
	Principal author	5
	Co-author	15
(b)	Seminar/Workshop/Symposium Proceedings	19
	(i) International	01
	Principal author	0
	Co-author	01
	(ii) National	18
	Principal author	05
	Co-author	13

15. Research Contribution in important Donor Funded Project:

- Actively involved as Program leader (BRRI part) in planning, designing and execution of research activities of Cereal Systems Initiative for South Asia (CSISA) project research platform for Bangladesh.
- Actively involved in planning, designing, validation and dissemination of Rice Crop Manager (previously Rice Nutrient Manager) for Bangladesh.
- Actively involved as Principal Investigator of ACIAR funded project entitled 'Policy Issues in Rice Based Farming Systems Research in Bangladesh'.
- Actively involved in planning, designing and execution of research activities of ARMP funded Farming Systems Research and Development activities of BRRI.
- Actively involved in rain fed upland research activities of Barura Site, Comilla funded by IFAD.

**List of Publications (SO to PSO):**

**(A) Scientific journals**

**(i) Full paper: 24**

**(a) Paper published in the Reputed International Journal: 4**

**Principal author: 1**

1. **Saha, A.**, R. K. Sarkar and Y. Yamagishi. 1998. Effect of time of nitrogen application on spikelet differentiation and degeneration of rice. Bot. Bull. Acad. Sin. 39: 119-123.

**Co-author: 3**

1. Ladha, J. K., M. Alam, W. Faisal, S. Sharma, **A. Saha**, S. Noor and A. Rahman. Improvement of cereal-based cropping systems following the principles of conservation agriculture under changing agricultural scenarios in Bangladesh. Field Crops Research (Paper accepted for publication Ms. Ref. No.: Field-D-14-00853R1).
2. Sarkar, R. K., **A. Saha** and Y. Yamagishi. 1998. Leaf positional changes in the rates of photosynthesis and specific leaf weight, chlorophyll, nitrogen content and their relationship in rice. Indian J. Plant Physiol. 3(2): 135-139.
3. Sarkar, R. K., **A. Saha** and T. Furutani. 1997. Photosynthesis and productivity of rice at two levels of nitrogen. ORYZA. 34: 28-33.

**(b) Other National & International Journal: 20**

**Principal author: 5**

1. **Saha, A.**, M. K. Quais, M. M. R. Dewan and M. H. Ali. 2011. Evaluation of transplanting and drum seeding of *Boro* rice under different planting time. Intl. J. Bio. Res. 11 (5) 28-33.
2. **Saha, A.**, A. R. Sarkar, S. M. A. Hossain, M. I. U. Mollah and S. Mondal. 2009. Effect of nursery management practices on seedling growth and their carryover effect on yield of *Boro* rice. International J. Bio Res.6 (5) 37-42.
3. **Saha, A.**, A. R. Sarkar, S. M .A. Hossain and H. Kabir. 2008. Evaluation of SRI in perspective to maximize yield and profitability of *Boro* rice. Bangladesh Rice J. 13 (1) 99-105.

4. **Saha, A.**, H. H. Kim, R. K. Sarkar and M. Ibrahim. 2001. Flowering response of Mizuho and IR8 rice cultivars at different photoperiod. *Bangladesh Rice J.* 10(1&2): 95-99.
5. **Saha, A.**, N. E. Elahi, M. J. Abedin, M. A. Quddus and T. Das. 1995. Nitrogen doses for wet-seeded and transplanted BR 14 rice variety. *Bangladesh Rice J.* 6(1&2): 101-104.

**Co-author: 15**

1. Mollah, M. I. U., M. S. U. Bhuiya, M. H. Kabir, S. M. A. Hossain and **A. Saha**. 2009. Evaluation of transplant *Aman* rice on raised bed in rice-wheat cropping sequence. *Bangladesh Rice J.* 14 (1 & 2): 127-132.
2. Mollah, M. I. U., 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 (1 & 2): 133-138.
3. Mollah, M. I. U., **A. Saha**, M. M. R. Dewan, S. Pramanik, S. Mondal and M. K. Quais. 2009. Growth of transplant *Aman* rice under raised bed planting method in rice-wheat cropping system. *Eco-friendly Agril J.* 2(8): 751-756.
4. Kabir, M. H., **A. Saha**, I. U. Mollah, M. S. Kabir and F. Rahaman. 2008. Effect of crop establishment methods and weed management practices on the productivity of *Boro* rice in lowland ecosystem. *Intl. J. Bio Res.* 5(2) 42-51.
5. Kabir, M. H., **A. Saha**, M. A. H. Khan, M. M. R. Dewan and M. S. A. Talukder. 2008. Utilization of fallow land under major cropping pattern in Barisal Division. *Intl. J. Bio Res.* 5(3) 53-59.
6. Kabir, M. H., M. S. U. Bhuiya, M. I. U. Mollah, **A. Saha**, and N. E. Elahi. 2008. Effect of crop establishment methods, nitrogen application technique and weed management practices on the productivity of *Boro* rice in lowland ecosystem. *Bangladesh J. Prog. Sci. & Tech.* 6(2) 385-388.
7. Husain, M. M., M. S. Islam, **A. Saha**, M. A. Zami and M. A. Afzal. 2002. Effects of organic materials on salinity level, organic matter content and rice yield in coastal saline soil. *Bangladesh J. Agril. Res.* 27(3) 341-348.
8. Rashid, M. H., A. H. Khan, M. A. Quddus, N. E. Elahi and **A. Saha**. 2002. Performance of photosensitive modern rice varieties in the medium highland phase-2 after Boro rice. *Pakistan Journal of Agronomy* 1 (2-3): 71-73.

9. Munira, M. K., M. G. Rasul, M. A. K. Mian, M. Ibrahim and **A. Saha**. 2000. Field performance and character association of true potato seed (TPS) progenies. *Pakistan J. Biological Sci.* 3(3): 403-406.
10. Kabir, M. S., M. A. T. Mia, Q. S. A. Jahan, M. Ibrahim and **A. Saha**. 2001. Quality of farmer's seed of *Feni* district and effect of seed cleaning methods on seed borne fungi. *Bangladesh J. Seed Sci. & Tech.* 5(1&2) 35-39.
11. Husain, M. M., M. H. K. Khandaker, A. F. M. M. Hoque, **A. Saha** and M. A. Zami. 1999. Soil salinity and prospect of crop production in the coastal region of Bangladesh. *Bangladesh J. of Agri.* 24(1) 27-40.
12. Husain, M. M., **A. Saha**, M. A. Islam, M. A. Mutaleb and M. Rashid. 1999. Adaptability and performance of some salt tolerant rice genotypes under coastal saline soil. *Journal of Agricultural Education and Technology.* 2(1):13-16.
13. Husain, M. M., A. Hosain, **A. Saha**, M. A. Salam, and M. Rashid. 1998. Stability of grain yield and some other parameters in salt tolerant genotypes of rice. *Bangladesh Agron. J.* 8(1&2): 53-57.
14. Elahi, N. E., **A. Saha**, G. K. Bose, M. R. Siddiqui and M. A. Razzaque. 1997. Direct seeding of modern rice in puddled soils: a low-cost technology in rice culture. *Bangladesh J. Agri.* 22: 1-7.
15. Elahi, N. E., **A. Saha**, G. K. Bose and M. A. Razzaque. 1995. Productivity of BR varieties as transplanted and direct seeded late *Aman* crop under rainfed conditions. *Bangladesh J. Agril. Sci.* 22(2): 291-294.

**ii) Seminar/ Workshop/Symposium/Proceedings: 19**

**(a). International: 1**

**Principal author: 0**

**Co-author: 01**

1. Miah, M. N. I., N. U. Ahmed, M. R. Siddiqui, R. Amin, M. H. Ali, M. M. Alam, A. K. M. Faruque, N. Islam, **A. Saha**, M. Nasim and N. P. Magor. 1991. Report on cropping systems research at Sreepur, Mirzapur, Sitakund and Kamalganj FSR sites of BRRI, Bangladesh. *Proc. of the 22<sup>nd</sup> Asian Rice Farming Systems working group meeting.* Beijing, China. pp. 119-130.

**(b). National: 18**

**Principal author: 5**

1. **Saha A., 2014.** Amelioration of stresses in rice through physiological approaches. Paper presented in the Workshop on Sharing of Research Findings of the Post-doctoral fellows under PIU-BARC: NATP Phase1, 16 Nov. 2014.
2. **Saha A., M. K. Quais, M. A. Khatun, M. Nasim and M. U. Fakir. 2013.** Contribution of horticultural crops in rice based cropping systems research by BRRI. Paper presented in the Workshop held at BARC on 1-2 June, 2013.
3. **Saha A., J. K. Biswas, J. C. Biswas and M. S. Ali. 2012.** Rice research in Bangladesh: Achievements in variety and cropping pattern development and future challenges. Paper presented in the Workshop on Policy Issues in Rice Based Farming Systems Research in Bangladesh held at BRRI on May 28, 2012.
4. **Saha A., M. A. Quddus and N. E. Elahi. 1997.** Cropping patterns for irrigated heavy soils. Paper presented at Thursday Seminar of BRRI on 31 July, 1997.
5. **Saha A., M. A. Quddus and M. B. Rahaman. 1997.** Effect of time of nitrogen application on spikelet differentiation and degeneration of rice. Paper presented at Thursday Seminar of BRRI on 17 July, 1997.

**Co-author: 13**

1. Quddus, M. A., M. H. Kabir, **A. Saha**, A. H. Khan, I. U. Mollah, M. Ibrahim and M. S. A. Talukder. 2008. Rice based improved cropping systems research of BRRI, Proc. of the national workshop on research and development of multiple cropping systems in Bangladesh. BARC, Farmgate, Dhaka. pp. 23-35.
2. Ahmed, N. U., M. R. Siddiqui, N. P. Magor, N. Islam, N. I. Miah, H. Ali, **A. Saha**, S. Alam and R. R. Saha. 1991. Impact of modern rice cultivation and future strategy in farming systems research. Proc. of the workshop on experiences with modern rice cultivation in Bangladesh, BRRI, Gazipur, pp. 166–187.
3. Ahmed, N. U., R. Amin, N. P. Magor, N. I. Miah, N. Islam, **A. Saha**, A. H. Khan and H. Ali. 1991. Livestock related FSR activities of the Bangladesh Rice Research Institute. Proc. of the workshop on livestock development in Bangladesh, BLRI, Savar. pp. 166-181.

4. Elahi, N. E., A. H. Khan, M. R. Siddique, **A. Saha**, M. Nasim, M. I. U. Mollah and S. M. Shahidullah. 1991. Existing cropping patterns of Bangladesh, potential technologies and strategies for improving systems productivity. Proc. of the workshop on modern rice cultivation in Bangladesh, BRRI, Gazipur. pp. 107 – 169.
5. Quddus, M. A., A. H. Khan, H. Ali, M. I. U. Mollah, **A. Saha**, M. Ibrahim, H. Rashid, M. S. A. Talukder, M. H. Rashid and M. R. Dewan. 2007. Agro-forestry activities of Rice Farming Systems Programme Area, BRRI. Paper presented in National workshop on agro-forestry held at BARC, Farm gate, Dhaka during 05-06 June, 2007.
6. Quddus, M. A., S. M. Shahidullah, M. I. U. Mollah, **A. Saha** and S.K. Zaman. 2007. Report on production demonstration of fodder crops in *Charlands* of southeast coastal region of Bangladesh. Paper presented in the Project Review Meeting held at CIMMYT- Bangladesh, Dhaka on May 31, 2007.
7. Mollah, M. I. U., **A. Saha**, M. A. H. Khan and M. A. Quddus. 2006. Communication strategy of BRRI. Submitted to the National Agro-forestry Working Group, Bangladesh (NAWGB), Bangladesh Agricultural Research Council, Dhaka 1215.
8. Quddus, M. A., A. H. Khan, M. H. Rashid, **A. Saha**, S. Islam, M. Ibrahim, A. Khatun, R. Begum, D. R. Das and N. E. Elahi. 2001. Completion report of ARMP funded FSR&D activities at Dashunaryanpur site, Kapasia, Gazipur. Presented at BARC, Dhaka on December, 2001.
9. Khan, A. H., M. H. Rashid, M. A. Quddus, S. Islam, **A. Saha**, M. Ibrahim, A. Khatun, R. Begum, D. R. Das. and N. E. Elahi. 2001. Expanded farming systems research and development program for technology dissemination in greater extrapolation areas of FSR&D site, Kapasia, Gazipur, under ARMP funding at BARC, Dhaka. October, 2001.
10. Elahi, N. E., M. A. Quddus, A. H. Khan, **A. Saha**, S. M. Shahidullah, M. Ibrahim, S. Islam, M. H. Rashid, A. Khatun, R. Begum and D.R. Das. 2001. Achievements, issues and potentialities of ARMP funded FSR&D site, Kapasia during 1997-2000. Presented at the meeting of Coordination and Management Committee at BARC, Dhaka, on June 6-7, 2001.



11. Elahi, N. E., A. Quddus, A. H. Khan, **A. Saha**, S. Islam, H. Rashid, F. Rahman, R. Begum, D. R. Das, M. K. Islam, K. Islam and S. Parveen. 2000. Brief progress report on farming systems research and development activities, Kapasia, Gazipur. Report presented in a meeting held at BARC, Dhaka on October 29, 2000.
12. Elahi, N. E., A. Quddus, A. H. Khan, **A. Saha**, S. M. Shahidullah, M. S. Islam, H. Rashid, F. Rahman, R. Begum, D. R. Das, K. Islam, M. K. Islam, and S. Parveen. 2000. Progress report of 1999-2000 and programme for 2000-2001. Kapasia, Gazipur. Report presented at the progress review and programme development workshop held at BARC, Dhaka on August 27-30, 2000.
13. Quddus, M. A., **A. Saha**, M. B. Rahaman, M. M. Kamal and M. M. Haque. 1996. Location specific package of technologies on cropping pattern basis under irrigated condition. Paper presented at the Farmer-Researcher-Extension workshop at BRRI R/S, Comilla on November 4, 1996.