

## CV FOR F.M. Moinuddin



1.	<b>Name</b>	<b>: F. M. MOINUDDIN</b>
2.	Father's name	: Late: Mohammad Jonab Ali Fakir
3.	Mother's name	: Late: Momiran Nesa
4.	Husband's name (if applicable)	: NA
5.	Gender	: Male
6.	Designation	: Chief Scientific Officer, Rice Farming Systems Division
7.	Institution	: Bangladesh Rice Research Institute
8.	Date of joining in the present position	: 30 May, 2001
9.	Date of joining in service	: 01 January, 1989
10.	Date of birth and age	: 16 October, 1958 and 54 years 6 months

### 11. Educational Qualification:

Degree/Diploma Certificate	Class/Grade/Division	University/Institute/Board	Year
S.S.C.	2nd Division	Dhaka	1974
H.S.C.	2nd Division	Jessore	1976
B. Sc. Ag (Hons.)*	2nd Class	Bangladesh Agricultural University, Mymensingh	1984
M. Sc. (Ag) in Agronomy*	2nd Class	Bangladesh Agricultural University, Mymensingh	1986
PhD			

### 12. Field of Specialization:

- (i) **Rice based Farming System, Development of Cropping Pattern, Applied Research, Location-based BRRI Rice Variety Selection and Technology Dissemination, Crop Management Specialist, Farm Management Specialist.**
- (ii) **Administrative, managerial and Farm Management**
- (iii) **Trained up the SAAO, DAE Personnel and Farmers for Rice Cultivation Technology and Rice Production and Management System.**
- (iv) **Expert on Breeder and Quality Seed production, Management, Seed Processing, Storage and Seed Technology.**

**13. Training:****(a) In Country:**

Organization	Year	Duration		Name of programme
		Mont hs	Days	
Soil Resource Development (SRDI) and Directorate of Agriculture Extension (DAE)	1999	0	07	থানা নির্দেশিকা ব্যবহার
News Net Work House No. 1, Road No. 5, Dhanmondi, Dhaka, Bangladesh	1999	0	03	In depth Reporting on Democracy and Human Rights.
BRI	2001	0	05	Breeder Seed Production with the Financial Assistance of Poverty Elimination Through Rice Research Assistance (PETRA)
Government of the people's Republic of Bangladesh Ministry of Agriculture Financial Management unit	2002	0	06	Government Financial Management
BRI	2004	02	0	Rice Production, Applied Research Communication and Administration.
BRI	2005	0	03	Breeder Seed Production and Preservation.
BARC	2007	0	15	Administrative and Financial Management.
BRI	2008	0	03	Breeder Seed Production and Preservation of Rice.
Bangladesh academy for rural development, Kotbari, Comilla	2007	0	15	Administrative and financial management
BRI	2011	0	03	Breeder seed production and preservation of rice

**(b) Abroad:**

Country	Year	Duration		Name of programme
		Months	Days	
ChiangMai University, ChiangMai, Thailand	2012	01	00	Agricultural research management at economic frontier research for development HUB (EFRDH)

**14. Experience:**

Position	Period		
	From	To	Total (Yr/Mo)
SO	01-01-1989	31-12-1997	9 years
SSO	07-09-1997	30-05-2001	4 years
PSO	30-05-2001	17-04-2014	13 years
<b>SO-PSO</b>	<b>01-01-1989</b>	<b>17-04-2014</b>	<b>26 years</b>

**15. Publication (SO to PSO):**

List of all publications, photocopies of journal publications, photocopies of first page of other publications are attached (**Attachment no.**  )

(a)	Scientific journals	No. of publication
	(i) Full paper	25
	(a) Paper published in the Reputed International Journal	
	Principal author	18
	Co-author	7
	(b) Other National & International Journal	6
	Principal author	6
	Co-author	-
	(ii) Short Communication	1
	Principal author	-
	Co-author	-
(b)	Books/Monographs/Bulletins	
	(i) Books	-
	Principal author	-
	Co-author	-
	(ii) Monographs	
	Principal author	-
	Co-author	-
	(iii) Bulletins	10
	Principal author	10
	Co-author	-
(c)	Seminar/Workshop/Symposium Proceedings	
	(ii) International	-
	Principal author	-
	Co-author	-
	(ii) National	12
	Principal author	12
	Co-author	-

16. Research achievement (as PSO) (Lists duly endorsed by Director Research) – Lists attached (**Attachment no. 6**)

(i) No. of Technology Developed: 58

(ii) No. of Research Programme:

(a) Developed: 52

(b) Supervised: 52

(c) Executed: 52

17. Outstanding achievement (SO to PSO) (List duly endorsed by Director Research) (Outstanding/Notable Research Contribution, Award received, Supervision of MS/PhD thesis, Patent Registered). – List attached (**Attachment no. 7**)

Signature of Applicant: .....

Address: F. M. Moinuddin  
Principal Scientific Officer and Head  
Rice Farming Systems Division  
Bangladesh Rice Research Institute  
Gazipur

## SCORE SHEET OF EVALUATION FOR PROMOTION (CSO)

**Name: F. M. Moinuddin**

Designation: Principal Scientific Officer and Head

Division/Discipline: Rice Farming Systems Division

Organization: Bangladesh Rice Research Institute

### 1. Academic Record :

Degree	Division/Grade/Class	Marks
S.S.C	2nd	-
H.S.C	2nd	-
B.Sc.Ag/Equivalent	2nd	3
M.Sc (Ag)/ M.S/ Equivalent	2nd	3
Ph. D	-	-
<b>Total Marks obtained:</b>		<b>6</b>

### 2. Service Experience :

Service Length	Year	Month	Marks
As SO	9	-	18
As SSO	4	-	8
As PSO	13	-	39
<b>Total Marks obtained:</b>			<b>65</b>

### 3. Performance:

(a) Publication (SO to PSO)

List and photocopies of journal papers and first page of other publications are attached:

(i) Scientific Journals (Full papers)

Publication In Journal	Nos.	Marks
As Principal Author	18	54
As Co-author	6	6
<b>Total marks obtained:</b>		<b>60</b>

\* Three marks/ year of service for Regional Station (Head of the Regional Station)

Total marks obtained for service experience: 30

(ii) Scientific Journals (Short communications)

Publication In Journal	Nos.	Marks
As Principal Author	-	-
As Co-author	-	-
<b>Total marks obtained:</b>		

(iii) Books/Monographs/Bulletins

Books/Monographs/Bulletins	Nos.	Marks
As Principal Author	10	10
As Co-author	-	-
<b>Total marks obtained:</b>		<b>10</b>

(iv) Seminar/ Workshop/Symposium proceedings

iv) Seminar/ Workshop/Symposium proceedings/Abstract	Nos.	Marks
As Principal Author	12	12
As Co-author	-	-
<b>Total marks obtained:</b>		<b>12</b>

**Total marks obtained for all publications: 35**

(b) Research achievement as PSO

Lists of technology developed, research programme developed, research programme supervised and research programme executed are given in separate sheet and certified by competent authority

	Nos.	Marks
(i) No. of technology developed:	58	<b>6</b>
(ii) No. of research program developed:	52	
(iii) No. of research program supervised:	52	
(iv) No. of research program executed:	52	

(c) Relevant activities and achievements (SO to PSO)

	Nos.	Marks
List of relevant activities and achievements are given in separate sheet	35	<b>4</b>

**Grand total : 91**

Signature :

Date :

Name : F. M. Moinuddin

Address or Seal : PSO and Head, Rice Farming Systems Division  
Bangladesh Rice Research Institute, Gazipur

## SCORE SHEET OF EVALUATION FOR PROMOTION (CSO)

Name: F.M. MOINUDDIN

Designation: Principal Scientific Officer and Head

Division/Discipline: Rice Farming Systems Division

Organization: Bangladesh Rice Research Institute

### Academic Record:

Degree	Division/ Grade/Class	Marks
S.S.C	2nd	-
H.S.C	2nd	-
B.Sc.Ag. (Hons.)*	2nd	
M.Sc (Ag) in Agronomy*	2nd	
PhD		
Total Marks obtained:		

### Service Experience:

Service Length	Year	Month	Marks
SO	9	0	
SSO	4	0	
PSO	13	0	
Total Marks obtained:			0

### Performance:

- 1) Publication (SO to PSO)  
And photocopies of first of all publications are to be attached (Attachment # 1):
- 2) Scientific Journals (Full Papers)

Publication In Journal	Nos.	Marks
Principal Author	15(Int.)+06(Nat.)	
Co-Author	01(Int.)+05(Nat.)	
Total Marks obtained:		

### Scientific Journals (Short Communications):

Publication In Journal	Nos.	Marks
Principal Author	01	
Co-Author		
Total Marks obtained:		

**iii) Books/Monographs/Bulletins**

Monographs	Nos.	Marks
As Principal Author As Co-Author		
Bulletins	10	
As Principal Author As Co-Author	10 -	
Total Marks obtained:		

**iv) Seminar/ Workshop/Symposium proceedings**

iv) Seminar/ Workshop/Symposium proceedings/Abstract	Nos.	Marks
As Principal Author As Co-Author	0 (Int.)+12(Nat.) -	
Total Marks obtained:		

**Total Marks obtained for all publications:****(b) Research achievement as PSO**

List of technology developed, research program developed, research program supervised and research programme executed are to be given in separate sheet and must be certified by component authority (Attachment # 5):

	Nos	Marks
(i)No. of technology developed:	58	
(ii)No. of research program developed:	52	
(iii)No. of research program supervised:	52	
(iv)No. of research program executed:	52	

**(c) Relevant activities and achievement (SO to PSO)(attachment #4):**

	Nos.	Marks
List of Development activities and achievements are to be given in separate sheet	35	

Grand total :  
Signature of evaluator :  
Date :  
Name :  
Address or Seal :



## Summary Score Sheet CSO

Name : F.M. MOINUDDIN  
 Designation : Principal Scientific officer and Head  
 Division/Discipline : Rice Farming Systems Division  
 Organization : Bangladesh Rice Research Institute (BRRI)

Sl. No	Criteria	Full Marks	Equivalent	Marks given by evaluators				
				1	2	3	Total	Average
1.	Academic	15						
2.	Experience	30						
3.	Publications	35						
4.	Research achievements	10						
5.	ACR/AER							
6.	Oral	10						
	Total	100						

Remarks if any

Signature of evaluators

Date

Name

Address of Seal

#### **14. List of Publications (SO to PSO): 24+18= 42**

**(a) Scientific journals: 21**

**(i) Full paper: 21**

**(a) Paper published in the Reputed International Journal: 15**

#### **Principal author: 18**

1. F. M. Moinuddin, A.J. Mirdha and Nilufar Chowdhury. Farmers' participatory evaluation of integrated rice-fish culture in T. Aman season in coastal area of Bangladesh. IJAFS: ISSN 1997-2598, Volume 3, Issue, 1, 2010. Int. J. Ani. Fish. Sci. 3(1): 267-269, February 2010, website: [www.gscience.net](http://www.gscience.net) or [www.gurpukur.com](http://www.gurpukur.com).
2. F. M. Moinuddin, A.J. Mirdha and Nilufar Chowdhury. Evaluation of different aged seedlings, collected from different seasons of farmers field on growth and yield of BRRI dhan29 in Faridpur region. JSARD: ISSN, 1811 -8976, Volume 8, Issue 1, 2010. Agric. Res. Dev. 8(1): 768, February 2010, website: [www.gscience.net](http://www.gscience.net) or [www.gurpukur.com](http://www.gurpukur.com).
3. F. M. Moinuddin and Nilufar Chowdhury. Performance of a new cropping pattern as Boro-Jute-T. Aman compare to the existing cropping pattern (Wheat-Jute-Fallow) in medium high land, Int. J. Sustain. Agril. Tech. 5(7): 84-87, October 2009.
4. F. M. Moinuddin and Nilufar Chowdhury. Farmers' participatory evaluation of rice in Jute+ Rice (RABI) cropping Patterns under different nitrogen levels in Faridpur region. Int. J. Sustain. Agril. Tech. 5(9): 61-63, December 2009
5. F. M. Moinuddin and Nilufar Chowdhury. Effect of different number of seedlings transplanting per hill on growth and yield of BRRI dhan29 in Faridpur region, Int. J. Sustain. Agril. Tech. 5(9): 64-66, December 2009
6. F. M. Moinuddin and Nilufar Chowdhury. Minimizing the yield gap by exploiting BRRI technologies in Boro-Fallow-T. Aman cropping system. Int. J. Sustain. Agril. Tech. 6(1): 64-65, January 2010
7. F. M. Moinuddin and Nilufar Chowdhury. Effect of splitted tillers from mother plant of Boro rice on grain yield and its economic importance. Int. J. Sustain. Agril. Tech. 6(1): 61-63, January 2010
8. F. M. Moinuddin, A. J. Mridha and Nilufar Chowdhury. Farmers' participatory evaluation of integrated Rice-Fish culture in T. Aman season in coastal area of Bangladesh. Int. J. Ani. Fish. Sci. 3(1): 267-269, February 2010
9. F. M. Moinuddin, A. J. Mridha and Nilufar Chowdhury. Integrated Rice + Fish culture in deep water rice after Boro in Boro-DWR cropping system. Int. J. Ani. Fish. Sci. 3(1): 274-276, February 2010
10. F. M. Moinuddin and Nilufar Chowdhury. Evaluation of different aged seedling(s) collected from different locations of farmers' field on growth and yield of BRRI dhan29 in Faridpur region. J. Subtrop. Agric. Res. Dev. 8(1): 766-768, February 2010
11. F. M. Moinuddin and Nilufar Chowdhury. Maximizing the rice yield through BRRI technologies and varieties at farmer's field. Int. J. Sustain. Agril. Tech. 6(2): 43-47, February 2010

12. F. M. Moinuddin, A. J. Mridha and Nilufar Chowdhury. Evaluation of different cropping patters in medium high land eco-system in Faridpur region. *Int. J. Sustain. Agril. Tech.* 6(3): 12-14, March 2010
13. F. M. Moinuddin, A. J. Mridha and Nilufar Chowdhury. Development of a new cropping pattern as Boro-T. Aus-Fallow replacing the existing cropping pattern (Boro-Fallow-Fallow) in medium low land eco-system in Faridpur region, *Int. J. Sustain. Agril. Tech.* 6(2): 48-52, February 2010
14. F. M. Moinuddin and Nilufar Chowdhury. Development of a new cropping pattern as Boro-B. Aman-Fallow where the existing cropping pattern in single Boro in medium low land ecosystem in Faridpur, *Int. J. Sustain. Agril. Tech.* 5(7): 88-91, October 2009
15. F.M Moinuddin. Contribution of splitting tiller from mother plant of T. Aman and its economic importance. *Int. J. Sustain. Agril.Tech.* 6(2): 38-42, April, 2010.
16. F. M. Moinuddin<sup>1</sup> and Nilufar Chowdhury<sup>2</sup>. Performance evaluation of direct wet –seeded rice using drum seeder. *Int. J. Sustain. Agril. Tech.* 5(6): 71-75, September 2009.
17. F.M. Moinuddin, A.J. Mirdha and Nilufar Chowdhury. Integrated rice-fish culture in deep water rice after Boro in Boro-DWR cropping system. *JSARD: ISSN, 1997-2008, Volume 3, Issue 1, 2010. Int. J and Fish Science* 3(1):274-376, February 2010, website: [www.gscience.net](http://www.gscience.net) or [www.gurpukur.com](http://www.gurpukur.com).
18. F. M. Moinuddin<sup>1</sup> and M. A. A. Mamun<sup>2</sup>. Quality seed production of BRRI rice varieties are at farmers' level in Boro and T. Aman season. *Int. J. Sustain. Agril. Tech,* 6(3): 36-38, March 2010.

**Co-author:**

1. M. M. Islam, A. Alam, Q. A. Rahman, F. M. Moinuddin and M. H. Kabir. The diseases of rose at Bangladesh Agricultural University campus, Mymensingh. *Int. J. Sustain. Agril. Tech.* 6(3): 15-20, March 2010
2. M.A. Hasan, M.A. Alam, F.M. Moinuddin, M.A.R. Choudhury & H.Q.M. Mosaddeque. Effect of inorganic fertilizers on the growth, yield and nutrient uptake by rice. *Eco-friendly Agril J.* 2(8): 722-726, 2009 (August)
3. M. A. Hasan, S. Dilruba, H Q M Mosaddeque, M A Alam and F M Moinuddin. Effect of vermicompost on the growth, yield and nutrient uptake by rice. *Eco-friendly Agril J.* 2(8): 746-750, 2009 (August)
4. M. A. Alam, H Q M Mosaddeque, M S Islam, A. Miah and F M Moinuddin. Farmers' characteristics associated with the participation on crop development activities in nine villages of Mymensingh district. *Eco-friendly Agril J.* 2(7): 666-670, 2009 (July)
5. T L Aditya, S Ghosal, N Sharma, M R Islam, R R Majumder, H Khatun, R Bhuiyan, F.M. Moinuddin, B Karmakar and T H Ansari. General and specific adaptability through genotype-environment interactions of some somaclonal lines in rice, *Bangladesh J. Prog. Sci. & Tech.* 8(1): 005-008; January 2010

**(b) Other National & International Journal: 6**

**Principal author: 6**

1. F. M Moinuddin. Inter cropping of Comilla cotton with different crops grown in hill area (CNT) of Bangladesh. Journal of the Asiatic society of Bangladesh. Volume 27, number-1, June-2001.
2. F.M. Moinuddin. Effect of sowing time on the growth and yield of Comilla cotton. Bangladesh Journal of Agri. Research, Volum-19, No-1, june-1994.
3. F.M. Moinuddin. Effect of P-foliar spray on Comilla cotton on growth and yield. Journal of Asiatic Society, of Bangladesh. Volume 28, No-2, June-2002
4. F.M. Moinuddin. Effect of sowing depth of seedling emergence and yield of Comilla cotton. Bangladesh Journal of Agricultural Research. Volume-20, June-1995 No.2.
5. F.M. Moinuddin. Effect of lime on the growth and yield of Comilla cotton. Journal of the Asiatic Society of Bangladesh, Volume-28, No-1 June-2002.
6. Effect of different fertilizer doses in Jhum crops. Bangladesh Journal of Agricultural Research, Volume-18, No.2

**Co-author: -**

**(c) Seminar/ Workshop/Symposium/Proceedings:**

**i. International: -**

**Principal author: -**

**Co-author: -**

**ii. National: 18**

**Principal author: 18**

1. F. M. Moinuddin. গুটি ইউরিয়া ব্যবহার কলাকৌশল, উৎপাদন বৃদ্ধি ও ইউরিয়া সাশ্রয়।
2. F. M. Moinuddin. Technology developed by Bangladesh Rice Research Institute (BRI)
3. F. M. Moinuddin. কস্য বিন্যাসে স্বল্প জীবনকাল আধুনিক ধানের জাতের বৈশিষ্ট্য ও উৎপাদন কলাকৌশল।
4. F. M. Moinuddin. মধ্যম নীচু ও নীচু জমিতে এক ফসলী বোরো ধান এর জমিতে রোপা আউশ উৎপাদন কলাকৌশল।
5. F. M. Moinuddin. মধ্যম নীচু ও নীচু জমিতে বোরো এক ফসলী জমিতে বোনা আমন ধান উৎপাদন কলাকৌশল।
6. F. M. Moinuddin. Rice cultivation with modern Technologies.
7. F. M. Moinuddin. Integrated Rice-Fish culture and economic importance.
8. F. M. Moinuddin. Achievement of BRI dhan50 (Bangla moti) in Faridpur region.
9. F. M. Moinuddin. ধানের উৎপাদন বৃদ্ধি কলাকৌশল ও খাদ্য নিরাপত্তা।
10. F. M. Moinuddin. বোরো-ধৈষণা চাষ (সবুজ সার)- রোপা আমন শস্য বিন্যাস ও মাটির স্বাস্থ্য উন্নয়ন।
11. F. M. Moinuddin. LCC ব্যবহার ও ইউরিয়া সারের সাশ্রয় ও LCC ব্যবহার কলাকৌশল।
12. F. M. Moinuddin. Boro-Fallow-Fallow cropping pattern এলাকায় লক্ষীদিঘা ধানের সাথে মাছ চাষের কলা কৌশল।

**(d) Books/Monograph/Bulletins:**

**i. Books (Professional): -**

**Principal author: -**

**Co-author: -**

**ii. Monograph: -**

**Principal author: -**

**Co-author: -**

### iii. Bulletins:

**Principal author: 10**

1. F. M. Moinuddin. ব্রি ধান৪১ জাতের ধানের চাষাবাদ পদ্ধতি ও কলাকৌশল।
2. F. M. Moinuddin. লবণাক্ত এলাকায় ধান চাষে সেচ ব্যবস্থাপনা পদ্ধতি।
3. F. M. Moinuddin. ব্রি ধান৪৯ ধানের চাষাবাদ পদ্ধতি ও কলাকৌশল।
4. F. M. Moinuddin. ব্রি ধান৫০ (বাংলামতি)-র সাফল্য ও সম্ভবনাময়।
5. F. M. Moinuddin. বয়স্ক ধানের চারা পরিহার করুন, ৩০-৩৫ বয়সের চারা রোপন করুন।
6. F. M. Moinuddin. বোরো মৌসুম শেষে ধৈর্য চাষ-মাটির স্বাস্থ্য ভাল থাকে বার মাস।
7. F. M. Moinuddin. গুটি ইউরিয়ার ব্যবহার, ইউরিয়া সারের সাশ্রয়।
8. F. M. Moinuddin. ধানের পাতা পোড়া রোগে পটাশ সারের ভূমিকা ও প্রতিকার।
9. F. M. Moinuddin. শৈত্য প্রবাহে ধানের চারা রক্ষণাবেক্ষণ।
10. F. M. Moinuddin. শৈত্য প্রবাহে ধান ক্ষেতে সেচ ব্যবস্থাপনা।

**Co-author: -**

Submitted by:

(F. M. Moinuddin)  
PSO and Head  
Rice Farming Systems Division (RFSD)  
Bangladesh Rice Research Institute  
Gazipur

**15. Research achievement of F. M. Moinuddin**  
**Principal Scientific Officer, Rice Farming Systems Division**  
**Bangladesh Rice Research Institute, Gazipur (as CSO)**

**(i). List of Technology Developed: 58**

**As a working scientist (SO to PSO) involved in the development/validation/refinement/extension/ dissemination of the following cropping systems technologies.**

**A. Ecosystem: Irrigated medium highland to medium lowland (Phase-I), clay loam to clay soil in Faridpur, Rajbari district.**

1. TP Boro (BRRI dhan29/BRRI dhan28/BR14)- T. Aman (BR10/BR11/BRRI dhan30/BRRI dhan31/BRRI dhan32, BRRI dhan33/BRRI dhan39/BRRI dhan34)
2. Chickpea (BARI Chhola-2) – WS Aus (BR26) – WS Aman (BRRI dhan33)
3. Chickpea (BARI Chhola-2) – WS Aus (BR26) – WS Aman (BRRI dhan32)
4. WS Boro (BRRI dhan28) - Dhaincha - T. Aman (BR10/BR11/BRRI dhan31/BRRI dhan33)
5. Early Rabi (Mustard) - TP Boro (BRRI dhan28) – T. Aman (BRRI dhan33)
6. Early Rabi (BARI Motor-2)-TP Boro (BRRI dhan28)- T. Aman (BRRI dhan39)
7. Early Rabi (Potato) – TP Boro (BRRI dhan28) – T. Aman (BRRI dhan39).

**B. Ecosystem: Irrigated highland, clay loam to loamy soil.**

8. Rabi (Wheat: Kanchan/Shatabdi) – Jute-T. Aman (BRRI dhan39)
9. Potato (Diamont) – Jute – T. Aman (BRRI dhan39)
10. Potato (Diamont) – Mungbean (BARI Mug 5) – T. Aman (BRRI dhan39)

**C. Ecosystem: Rainfed highland to medium highland (Phase-I), clay loam to clay soil.**

11. T. Aus (BR26) – T. Aman (BR10/BR11/BRRI dhan31/BRRI dhan32)
12. T. Aus (BR26) – T. Aman (BR22/BR23/BRRI dhan32)
13. T. Aus – T. Aman (BRRI dhan32/BR22/BR23)
14. T. Aus (BR1/BR26) – T. Aman (BR22/BR23/BRRI dhan32)

**D. Ecosystem: Irrigated medium highland to medium low land (phase I) clay loam to clay soil.**

15. Competitive ability of rice cultivars against weed suppression in wet seedbed boro rice.
16. Screening of effective herbicide for weed control in wet seeded rice.
17. Super imposed weed control in the farmers field in Boro season.
18. Effect of new generation herbicide and herbicide mixture for weed management in rice.
19. Bio-efficiency of different pre and post emergence herbicide in single rice cropped area.
20. Evaluation of different aged seedlings collection from different locations of farmer's field on growth and yield of BRRI dhan29 in Faridpur region.
21. Effect of different number of seedlings transplanting per hill on growth and yield of BRRI dhan29 in Faridpur region.
22. Farmers participatory evaluation of rice in jute+ rice- rabi cropping patters under different nitrogen levels in Faridpur region.
23. Performance evaluation of direct wet seeded rice using Drum Seeder.
24. Minimizing the yield gap by exploiting BRRI technologies in Boro rice in Boro-fallow-T. Aman cropping system.

25. Quality seed production, dissemination and its achievement in Farmer's field in Faridpur region and Satkhira.
26. Breeder Seed production in a continuous programme.
27. Quality seed production of BRRI rice varieties at farmer's level in Boro and T. Aman season.
28. Evaluation of different cropping pattern in medium high land eco-system in Faridpur region.

Developed cropping pattern in Faridpur region:

29. Potato-Jute-BRRI dhan33
30. Onion-Jute-BRRI dhan39
31. Wheat-Jute-BRRI dhan33
32. Wheat-Jute-BRRI dhan39
33. Mustard – Jute – BRRI dhan34
34. Boro (BRRI dhan28) – Jute – T. Aman (BRRI dhan33)
35. Boro (BRRI dhan45) – Jute – T. Aman (BRRI dhan33)
36. Boro (BRRI dhan50) – Jute – T. Aman (BRRI dhan49)
37. Developed of a new cropping pattern as Boro-Jute – T. Aman where the exiting cropping pattern is wheat – Jute-Fallow in medium high land eco-system.
38. Contribution of splitted tillers from mother plant of Boro rice on grain yield and its economic importance.

**E. Ecosystem: Rainfed medium high land (Phase I) clay loam to clay soil in Satkhira region.**

39. T. Aman (BRRI dhan33) –Mugbean-Fallow.
40. T. Aman (BRRI dhan33) –Sesame-Fallow.
41. T. Aman (BRRI dhan33) –Pumpkin-Fallow.
42. T. Aman (BRRI dhan33) –Potato-Fallow.

**F. Ecosystem: Rainfed and irrigated medium to medium low land moderate saline soil.**

43. Boro (BRRI dhan47) – Fallow – T. Aman (BRRI dhan41)
44. Boro (BRRI dhan28) – Fallow – T. Aman (BRRI dhan41)
45. Boro (BRRI dhan47) – Shrimp culture

**G. Ecosystem: Rainfed Jhum cultivation in Chittagong Hill Tracts:**

46. Intercropping of Comilla cotton with different crops grown in hill area.
47. Effect of sowing time on the growth and yield of Comilla cotton.
48. Effect of sowing depth of seedling emergence and yield of Comilla cotton.
49. Effect of lime on the yield of cotton.
50. Effect of different fertilizers doses in Jhum crops.

**H. Ecosystem: Irrigated medium highland (phase-II), low to lowland (Deepwater), clay loam to clay soil.**

51. TP Boro (BRRI dhan29/BRRI dhan28) – TP DW Aman/Fallow
52. Early Rabi (Mustard: Improved Tori-7) – TP Boro (BRRI dhan28)
53. TP Boro (BR14/BRRI dhan28) – T. Aman (BR22/BR23/BRRI dhan46)
54. TP Boro (BRRI dhan29) – T. Aman (BR22/BR23/BRRI dhan46)

**I. Ecosystem: Rainfed Medium lowland (Deepwater), silty loam to loam soil.**

55. Rabi (Wheat: Kanchan) – DW Aman (Laxmidigha, Hizoldigha)
56. Rabi (Potato: Malta/Diamond/Cardinal) – Sesame (Local) – DW Aman (Hijholidigha/Laxmidigha or sequential)



## **J. Ecosystem: Rainfed Medium Highland.**

57. DS Aus (BR21) – T.Aman (BR10/BR11/BRRRI dhan32/BRRRI dhan33/BRRRI dhan39)
58. T. Aus(BR26) – T.Aman (BR10/BR11/BRRRI dhan31/BRRRI dhan32/BRRRI dhan33/BRRRI dhan34)

### **(ii). List of Training/Research Programme (Developed, Supervised and Executed): 46**

1. One -day training course on rice production for SAAO, DAE personnel.
2. One-day farmer's rice production training
3. Annual research programme of BRRRI Regional Station, Bhanga for 2006-07, 2007-08, 2008-09, 2009 -10.
4. Annual research programme of BRRRI Regional Station, Satkhira for 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2010-2011, 2011-2012, 2012-2013.
5. Cropping pattern survey in different Upazila of Bangladesh
6. Multi-location testing of BRRRI dhan46 in Boro-Fallow-T. Aman and Boro-T. Aus-T. Aman, cropping pattern in different locations of Faridpur region.
7. Farmers' participatory evaluation of Boro-late T. Aman (photosensitive) cropping pattern in flood prone area
8. Nutrient management for Boro rice in Potato-Boro-T. Aman cropping pattern in eastern region.
9. Validation and dissemination of Jute+ Rice – Rabi cropping system for conservation agriculture and resource conservation technologies
10. Evaluation of BRRRI Aman varieties as DS Aman for Aman – Rabi cropping systems
11. Validation and dissemination of Rice – Potato – Maize cropping system for conservation agriculture and resource conservation technologies.
12. Effect of herbicide and nitrogen on the performance of rice yield
13. Response of MVs to added N in a rice-rice cropping pattern
14. Demonstration and dissemination of BRRRI dhan45, BRRRI dhan49, BRRRI dhan50 in Faridpur region.
15. Multi-location trial of promising BRRRI lines
16. Stability analysis of BRRRI varieties in Satkhira and Faridpur region
17. Evaluation of SCA provided hybrids
18. Breeder seed production
19. Truthful label seed production
20. Farmers participatory Evaluation of integrated Rice-Fish culture in T. Aman season in coastal area of Bangladesh.
21. Effect of different crop establishment methods and nitrogen management techniques in T. Aman and Boro rice in a T. Aman-Boro-Fallow cropping pattern.
22. Effect of planting density with different number of seedling per hill on growth and yield of BRRRI dhan41 in T. Aman and BRRRI dhan28 in Boro season.
23. Evaluation of different T. Aman-Rabi Fallow cropping patterns in South-west coastal region of Bangladesh.
24. Quality seed production and demonstration programme.
25. Evaluation of Salt-tolerant T. Aman and Boro Rice for the South Western coastal region of Bangladesh.
26. Effect of different doses of fertilizer on grain yield of T. Aman and Boro season on T. Aman-Boro-Fallow cropping pattern.

27. Varietal performance evaluation and stability of BRRI varieties in T. Aman and Boro season in the south-western coastal region of Bangladesh.
28. Effect of different doses of fertilizer on grain yield of PVS lines in Boro and T. Aman and compare with on station trial and farmer's field at coastal region of Bangladesh.
29. Effect of different number of seedlings per hill or growth and yield of newly released BRRI dhan40, BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
30. Effect of different doses of nitrogen and its management practices on growth and yield of BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
31. Effect of age of seedlings on growth and yield of BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
32. Effect of transplanting time on growth and yield of BRRI released MV rice in T. Aman.
33. Effect of planting density of BRRI release new variety BRRI dhan40 and BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
34. Comparative performance evaluation of inbred and BRRI hybrid rice varieties during Boro season.
35. Evaluation of salt-tolerant T. Aman lines for the south western coastal region of Bangladesh.
36. Quality seed production and demonstration programme.
37. Effect of different doses of fertilizer at coastal region in Satkhira on grain yield of PVS lines and compare with on station trail and farmer's practices.
38. Varietal performance evaluation and stability of BRRI varieties in T. Aman and Boro season in the south-western coastal region of Bangladesh.
39. Test of PVS lines on station and different areas in south-west coastal region of Bangladesh.
40. Influence the high and low tide of the river Betna and its effect on soil and water.
41. Optimum transplanting time and performance of fine rice varieties in coastal region.
42. Effect on N-Top dressing on growth and yield of quality Breeder seed production in Boro season.
43. Evaluation of different T. Aman – Rabi fallow cropping patterns in south-west coastal region of Bangladesh.
44. Evaluation of salt tolerant T. Aman and Boro lines for the south-west coastal region of Bangladesh.
45. Varietal performance evaluation and stability of BRRI varieties in T. Aman and Boro season in the south-west coastal region of Bangladesh.
46. Effect of different doses for fertilizer on grain yield of PVS lines in Boro and T. Aman and compare with on station trial and farmers field at coastal region of Bangladesh.

**Other Responsibilities (as PSO):**

1. Head, BRRI Regional Station, Satkhira (30 May 2001 to 6 June, 2006)
2. Head, BRRI Regional Station, Bhanga, Faridpur (7 June, 2006 to 12 January, 2010)
3. Head, BRRI Regional Station, Satkhira (13 January, 2010 to till now).

Submitted by:

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(F. M. Moinuddin)

PSO and Head, Rice Farming Systems  
Division

Bangladesh Rice Research Institute, Gazipur

**16. Outstanding achievement of F. M. Moinuddin**  
**Principal Scientific Officer, Rice Farming Systems Division**  
**Bangladesh Rice Research Institute, Gazipur (SO to PSO)**

**List of Outstanding/Notable Research Contribution, Award received:**

1. Trained about 1120 farmers and 250 SAAO on N management of rice by using LCC and USG and wet seeding of rice by using drum seeder in Faridpur, Rajbari, Satkhira and Narail districts.
2. Major contribution for development of profitable Rice+ Fish culture system for low land ecosystem.
3. Major contribution for development of Jute+ Rice Rabi cropping system for Medium high land in Faridpur under different levels of Nitrogen.
4. Validation and dissemination of N management of rice by using LCC in wheat-Jute-T. Aman ecosystem for enhancing livelihood of farmers.
5. Validation and dissemination of wet seeding of rice by using drum seeder in Boro-Fallow-T. Aman ecosystem for enhancing livelihood of farmers.
6. Validation and dissemination of rice-Wheat-mungbean cropping system for increasing productivity rice-wheat ecosystem.
7. Production enhancement of Boro and Aman rice of Faridpur district in 2008 through active collaboration with DAE.
8. Trained farmers and SAAOs of DAE of Faridpur, Rajbari, Narail district under NATP and Technology Transfer in Southern Region Project as rice production specialist.
9. Farmers participatory Evaluation of integrated Rice-Fish culture in T. Aman season in coastal area of Bangladesh.
10. Effect of different crop establishment methods and nitrogen management techniques in T. Aman and Boro rice in a T. Aman-Boro-Fallow cropping pattern.
11. Effect of planting density with different number of seedling per hill on growth and yield of BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
12. Evaluation of different T. Aman-Rabi Fallow cropping patterns in South-west coastal region of Bangladesh.
13. Quality seed production and demonstration programme.
14. Evaluation of Salt-tolerant T. Aman and Boro lines for the South Western coastal region of Bangladesh.
15. Effect of different doses of fertilizer on grain yield of T. Aman and Boro season on T. Aman-Boro-Fallow cropping pattern.
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18. Effect of different number of seedlings per hill on growth and yield of newly released BRRI dhan40, BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
19. Effect of age of seedlings on growth and yield of BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
20. Effect of transplanting time on growth and yield of BRRI released MV rice in T. Aman.
21. Effect of planting density of BRRI release new variety BRRI dhan40 and BRRI dhan41 in T. Aman and BRRI dhan28 in Boro season.
22. Comparative performance evaluation of inbred and BRRI hybrid rice varieties during Boro season.
23. Evaluation of salt-tolerant T. Aman lines for the south western coastal region of Bangladesh.

24. Quality seed production and demonstration programme.
25. Effect of different doses of fertilizer at coastal region in Satkhira on grain yield of PVS lines and compare with on station trail and farmer's practices.
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30. Effect on N-Top dressing on growth and yield of quality Breeder seed production in Boro season.
31. Evaluation of different T. Aman – Rabi fallow cropping patterns in south-west coastal region of Bangladesh.
32. Evaluation of salt tolerant T. Aman and Boro lines for the south-west coastal region of Bangladesh.
33. Varietal performance evaluation and stability of BRRI varieties in T. Aman and Boro season in the south-west coastal region of Bangladesh.
34. Effect of different doses for fertilizer on grain yield of PVS lines in Boro and T. Aman and compare with on station trial and farmers field at coastal region of Bangladesh.

Submitted by:

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(F. M. Moinuddin)  
PSO and Head  
Rice Farming Systems Division  
Bangladesh Rice Research Institute  
Gazipur

