

# CURRICULUM VITAE

## of

### BISWAJIT KARMAKAR

Senior Scientific Officer, Bangladesh Rice Research Institute



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#### Biswajit Karmakar

Senior Scientific Officer

Bangladesh Rice Research Institute (BRII)  
Regional Station, Shyampur, Rajshahi-6212  
Bangladesh

#### Permanent address:

Father's Name: Bijoy Krishna Karmakar

Mother's Name: Urmila Karmakar

Village + P O: Chechuri (9253)

Upazila: Dumuria, District: Khulna  
Bangladesh

Nationality : Bangladeshi by birth

Date of birth : September 10, 1969

Gender : Male, Blood group: O<sup>+</sup>

Marital status: Married

Religion : Sanatan (Hindu)

#### Educational Qualifications

<b>PhD in Agronomy</b>	On going
Sandwich program in Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh and International Rice Research Institute (IRRI), Philippines. Admitted in June 2009. Dissertation Proposal: <b>Response of Rice Genotypes to Management Practices in Drought Prone Rainfed Environment</b>	
<b>MS in Agronomy</b>	1st Class (Grade: A), 1996
Bangladesh Agricultural University, Mymensingh. Thesis title: "Effect of row arrangement, number of seedlings per hill and nitrogen rates on yield and yield components of late transplanted aman rice, cultivar: BR23".	
<b>Bachelor of Science in Agriculture (Honours)</b>	2nd Class, 1990 (Exam. held in 1994)
Bangladesh Agricultural University, Mymensingh	
<b>Higher Secondary Certificate (HSC)</b>	First Division, 1986
Shahpur Madhugram College, Khulna; Jessore Board	
<b>Secondary School Certificate (SSC)</b>	First Division, 1983
Chechuri K.B. High School, Khulna; Jessore Board	

#### Language Proficiency

Language	Reading	Speaking	Listening	Writing	Over all Band score
English (IELTS Score)	6.0	6.0	5.0	6.0	6.0
Bengali (Mother tongue)	Excellent	Excellent	Excellent	Excellent	Excellent

#### Field of specialization

1. Agronomy
2. Crop and Nutrient Management
3. Adaptive Research
4. Agricultural Extension
5. Participatory Reflection and Action (PRA)

## Professional affiliation

1. Life Member, Bangladesh Society of Agronomy (BSA), Reg. No. 124
2. Life Member, Bangladesh Agricultural Extension Society (BAES), Reg. No.190
3. Life member, Crop and Weed Science Society (CWSS), WB, India; Reg No. cwss-317
4. Life member, Crop Science Society of Philippines (CSSP), Philippines
5. Life Member, Seed Science Society of Bangladesh (SSSB), Reg. No. 176
6. Life Member, Weed Science Society of Bangladesh (WSSB), Reg. No. 23
7. Life Member, Bangladesh Entomological Society, Reg. No. 224
8. Life Member, Krishibid Institution Bangladesh, Reg. No. 01-90-6400
9. Life Member, Bangladesh Rice Research Institute Scientists Association (BRRISA)

## Training/ Occupational experience

### A) In-country Training

SL #	Training course	Duration	Time	Organization and Venue
1	Rice Production, Communication and Office Management	2 months	Oct 18 to Dec 15, 1998	Bangladesh Rice Research Institute (BRI), Gazipur
2	Financial Administration	12 days	11-22 Jul 1999	Public Administration and Training Centre, Rajshahi
3	Computer Training (MS Word, Excel, Access, E-mail and Internet)	3 weeks	Nov 1-21, 1999	BARD, Comilla
4	Foundation Training	3.5 months	Oct 17, 1999- Jan 30, 2000	Bangladesh Academy for Rural Development (BARD), Comilla
5	Research Management Information System	2 weeks	Oct 22-28 to Nov 13-20, 2000	BRI, Gazipur
6	Participatory Reflection and Action (PRA)	8 days	Sep 22-29, 2001	PRA Promoters' Society- Bangladesh at BRAC, Saver, Dhaka
7	Seeder operation and maintenance	2 days	Oct 15-16, 2001	CIMMYT at Wheat Research center, BARI, Dinajpur
8	Testing of seed quality	5 days	Dec 18-22, 2004	Seed Certification Agency, Gazipur
9	Development Communication in Agriculture	3 days	Jul 23-25, 2005	Agriculture Information Service, Rajshahi
10	Participatory Variety Selection and Socioeconomic components in experimental sites	3 days	30 Jun to 02 Jul, 2008	Organized by International Rice Research Institute (IRRI) at BRI, Gazipur
11	Safe use of herbicide and effective weed control	5 days	16-20 Jan 2011	CIMMYT Bangladesh and ACIAR Australia at RDRS Rangpur
12	Seed quality management	3 days	6-8 May 2014	BARC, Dhaka
13	Use of ARMIS and its operation	1 day	23 Dec 2014	BARI, Gazipur

## B) Abroad Training

SL #	Training course	Duration	Time	Organization and Venue
1	Farming Systems Research and Development	2 months	Jan 24 to Mar 17, 2001	Farming Systems and Soil Resources Institute UPLB, Philippines
2	Developing Integrated Nutrient Management Options for Delivery (DINMOD)	3 weeks	11 Feb to 01 Mar 2002	IRRI, Philippines
3	Application of Participatory Approaches to Agricultural Research and Extension	2 weeks	21 Nov to 02 Dec 2005	IRRI, Los Banos, Philippines
4	Drought screening for rice genetic improvement	5 days	08-12 Nov 2008	Birsa Agricultural University Ranchi, Jharkand, India organized by IRRI

## C) Participated in International Seminar, Workshop, Rice congress etc.

SI #	Program	Duration	Time	Venue	Organized by
1	Annual workshop of Stress Tolerant Rice for Africa and South Asia	4 days	09-12 March 2010	Birsa Agricultural University Ranchi, Jharkand, India	IRRI, Philippines
2	International Rice Congress	3 days	9-11 November 2010	National Convention Center Hanoi, Vietnam	IRRI, Philippines
3	Annual Review and Planning Workshop of Stress Tolerant Rice for Africa and South Asia (STRASA)	2 days	09-10 April 2013	NASC Complex Delhi, India	IRRI, Philippines
4	International Rice Congress	3 days	27-31 October 2014	Bangkok International Trade and Exhibition Center (BITEC) Bangkok, Thailand	IRRI, Philippines

## D) Computer Skill

i) Microsoft Word ii) Microsoft Excel, iii) Microsoft Power Point, iv) Statistical analysis using CropSTAT

## (E) Professional positions held/Job Experiences

Designation	From	To	Place of Posting
Senior Scientific Officer	29/04/2013	To date	Adaptive Research Division, Bangladesh Rice Research Institute, Gazipur
Senior Scientific Officer	07 July 2006	28/04/2013	Bangladesh Rice Research Institute Regional Station, Rajshahi
Senior Scientific Officer	01 June 2006	06 July 2006	Adaptive Research Division, Bangladesh Rice Research Institute, Gazipur
Scientific Officer	20 August 1998	31 May 2006	Bangladesh Rice Research Institute, Regional Station, Rajshahi

## Publications

### A) Scientific papers published in Journal

- Karmakar B**, Sarkar MAR 2015. Optimizing seedling age of promising rice genotypes in rainfed environment. *J. Crop and Weed*. 11(Special Issue):149-160.
- Karmakar B**, Sarkar MAR, Ali MA, Haefele SM 2014. Optimizing plant density of the promising rice genotypes in northwest Bangladesh. *Bangladesh Rice J.* 18(1&2): 1-8.
- Islam AKMS, Rahman MA, Hossen MA, Ansari TH, **Karmakar B** 2013. Evaluation of mechanical transplanter in unpuddled transplanting of wet season rice in sandy loam soil. *J. Agril. Mech. Bioresour. Eng.* 6(1&2): 59-67.
- Swamy BPM, Ahmed HU, Henry A, Mauleon R, Dixit S, Vikram P, T Ram, Verulkar SB, Perraju P, Mandal NP, V Mukund, Robin S, Chandrababu R, Singh ON., Dwivedi JL, Das SP, Mishra KK, Yadaw RB, Aditya TL, **Karmakar B**, Satoh K, M Ali, Kikuchi S, Leung H, Kumar A 2013. Genetic, physiological, and gene expression analyses reveal that multiple QTL enhance yield of rice mega-variety IR64 under drought. *PLoS ONE* 8(5):1-11, e62795. doi:10.1371/journal.pone.0062795. Publisher: Public Library of Science (PLOS). Impact factor 3.53.
- Karmakar B**, Haefele SM, Ali MA, Ansari TH, Aditya TL and Islam AKMS 2012. Yield and yield components of rice genotypes as affected by planting dates in drought prone rainfed environment. *Bangladesh Agron. J.* 15: (1): 71-79.
- Islam AKMS, Hossain MM, Saleque MA, Rahman MA, **Karmakar B** and Haque ME 2012. Effect of minimum tillage on soil properties, crop growth and yield of Aman rice in drought prone north west Bangladesh. *Bangladesh Agron. J.* 15(1): 43-51.
- Karmakar B**, Ali MA, Islam AKMS, Bhuiyan MR, Hossain MM and Mazid MA 2011. Seeding and weeding options on weed infestation and productivity of wet season rice. *Bangladesh J. Weed Sci.* 2(1&2): 33-39.
- Bhuiyan MR, Rashid MA, Roy D, **Karmakar B**, Hossain MM and Khan MAI 2011. Sound weed management option for sustainable crop production . *Bangladesh J. Weed Sci.* 2(1&2): 79-86.
- Aditya TL, Goshal S, Islam MR, Majumder RR, Khatun H, Bhuiyan R, Moinuddin FM, **Karmakar B** and Ansari TH 2010. General and specific adaptability through genotype-environment interactions of some somaclonal lines in rice. *Bangladesh Prog. Sci. & Tech.* 8(1): 005-008.
- Ali MA, Ansari TH, **Karmakar B**, Alam MS and Archer SA 2010. Characterization of *R. solani*: The rice sheath blight pathogen in relation to temperature and pH. *Echo-friendly Agril. J.* 3(1): 32-37.
- Rahman S, Ali MA, **Karmakar B**, Alam MS, Meah A and Miah B 2010. Evaluation of wheat genotypes for the performance of germination against seed borne fungi. *Int. J. BioRes.* 8(1): 45-50.
- Islam MR, Harun ME, **Karmakar B**, Kabir MH and Miah MAT 2008. Improvement of seed quality and yield in T. Aman. *Bangladesh J. Prog. Sci. & Tech.* 6(1): 221-224.
- Saha PK, **Karmakar B**, Hossain MM, Islam MR and Ahmed M 2008. Selection of Aus rice cultivars tolerant to Shyama weed (*Echinochloa crus-gali* L.). *Echo-friendly Agril. J.* 1(1): 32-36.
- Haque MF, **Karmakar B**, Hossain M, Parveen S and Islam MR 2006. Effect of leaf curl disease on growth and yield of different cultivars of Tomato. *Intl. J. BioRes.* 1(4):26-30.

Salma MU, Hossain MS, **Karmakar B**, Islam N and Razzaque MA 2005. Effect of planting time and seedling numbers on growth and yield of hybrid rice. *The Agriculturists*. 3(1&2):84-88.

**Karmakar B**, Ali MA, Mazid MA, Duxbury J and Meisner CA 2004. Validation of System of Rice Intensification (SRI) practice through spacing, seedling age and water management. *Bangladesh Agron. J.* 10: (1 & 2): 13-21.

Hossain M, Mazid MA, **Karmakar B**, Kamal MM, Islam MSh, Ali MA and Zami MA 2004. Agronomic management of hybrid rice for better yield. *Bangladesh Agron. J.* 10(1 & 2): 23-30.

Kader MA, Mazid MA, **Karmakar B**, Ahmed N and Julfikar AW 2003. Performance of promising rice hybrids in Northern-West part of Bangladesh under irrigated ecosystem. *Bangladesh J. of Agril. Sci.* 30(2): 295-298.

Acharjee UK, Roy AK, Sikdar B, Rahman MM and **Karmakar B** 2003. Economic performance of intercropping of Bean with four lines of Amaranths. *J. of Sci.* Vol. 31:155-161.

**Karmakar B**, Sarkar MAR, Uddin MR and Biswas M 2002. Effect of row arrangements, number of seedlings per hill and nitrogen rates on yield and yield components of late transplant Aman rice. *Bangladesh J. Agril. Sci.* 29(2): 275-281.

Kader MA, Mazid MA, Karmakar B, Hossain M and Julfikar AW 2002. Synchronization in flowering of parental lines of hybrid rice by phosphorus fertilizer. *J. Bio-Sci.* 10: 65-69.

**Karmakar B**, Mazid MA, Ali MA, Kader MA and Sikdar B 2002. Varietal performance of hybrid and inbred rice affected by different level of nitrogen, *Bangladesh J. of Genet. Biotechnol.* 2002. 3(1 & 2): 21-24.

Mazid MA, Hossain M, Hamid Miah MA and **Karmakar B** 2001. Vegetative propagation of hybrid rice as a seed savings device. *Bangladesh J. Genet. Biotechnol.* 2(1 & 2): 01-07.

Uddin MR, Mamun AA, Mazid MA, Anwar MP and **Karmakar B** 2001. Performance of hybrid, inbred and local improved rice under different methods of planting. *Bangladesh J. Crop Sci.*12(1 & 2): 123-130.

**Karmakar B**, Kader MA, Sikdar B and Hossain M 2001. Agronomic responses of hybrid and inbred rice to nitrogen fertilizer. *J. Bio-Sci.* 9: 31-38.

## **B) Short communication**

Alam MS, Bhuiyan MR, Karmakar B and Hossain MM. 2008. Heterosis of yield contributing traits in rice. *Intl. J. BioRes.* 4(3):91-93.

## **C) Poster Paper**

**Karmakar B**, Haefele SM, Kumar A, Aditya TL, Ansari TH and Raman A 2012. Performance of Hybrid rice genotypes in drought prone rainfed environments. Poster presented in the 6<sup>th</sup> International Hybrid Rice Symposium. 10-12 Sep 2012. Hyderabad, India. In: Proceedings of the 6th Intl. Hybrid Rice Symposium. pp.82.

Islam AKMS, Hossain MM, Saleque MA, Haque ME, Bell RW and **Karmakar B**. 2011. Effect of minimum tillage and residue retention on maize productivity. Poster presented in the 5<sup>th</sup> World Congress of Conservation Agriculture incorporating 3<sup>rd</sup> Farming Systems Design Conference, Brisbane, Australia. 26-30 September 2011.

**Karmakar B**, Haefele SM, Aditya TL, Ali MA, Islam MT and Islam MR. 2010. Evaluation of rice germplasm under drought prone rainfed environment in northwest Bangladesh. Poster presented in the 3<sup>th</sup>

International Rice Congress. 8-12 Nov 2010, Hanoi, Vietnam. In: Proceedings of the 3<sup>rd</sup> Intl. Rice Congress. pp. 49.

Aditya TL, Kumar A, Raman A, Serraj R, Karmakar B, Islam T, Pervin S, Islam R, Ahmed HU, Haefele S 2010. Recent progress on the development of drought tolerant variety under rainfed lowland rice ecosystem in Bangladesh. Poster presented in the 3<sup>th</sup> International Rice Congress. 8-12 Nov 2010, Hanoi, Vietnam. In: Proceedings of the 3<sup>rd</sup> Intl. Rice Congress. pp. 16.

## **D) Workshop/Seminar/Symposium Proceedings/Abstract**

**Karmakar B**, Ali MA, Islam AKMS, Bhuiyan MR, Hossain MM and Mazid MA. 2011. Seeding and weeding options on the performance of modern aman rice. In Proceedings of the 2nd Biennial Conference on Weed Management for Sustainable Crop Production. SAU, Dhaka. p.39.

Mazid MA, **Karmakar B** and David Johnson. 2011. Weeding Control in Direct-seeded rice: Options for north-western part of Bangladesh. In Proceedings of the 2nd Biennial Conference on Weed Management for Sustainable Crop Production. SAU, Dhaka. pp.39-40.

Islam ShM, Karmakar B and Saleque MA. 2009. Effect of nitrogen and time of planting on growth and yield of BRRI dhan27 in T Aus season. Twenty first Bangladesh Science conference organized by Bangladesh association for Advancement of Science (BAAS), BARI, 18-20 February 2009. pp.12-13.

Orr A, Jabbar MA, Mazid MA and **Karmakar B**. 2006. Decision making for Rabi cropping in the high Barind Tract, Bangladesh: A farmer perspective. Paper presented at the Workshop on Improving agricultural productivity in rice-based systems of the High Barind Tract, Bangladesh, BRAC Centre, Dhaka, 4-5<sup>th</sup> March, 2006.

Jabbar MA, Orr A and **Karmakar B**. 2006. Direct Seeded Rice in the high Barind Tract: Economics and Farmer evaluation. Paper presented at the Workshop on Improving agricultural productivity in rice-based systems of the High Barind Tract, Bangladesh, BRAC Centre, Dhaka, 4-5<sup>th</sup> March, 2006.

**Karmakar B** and Ali MA. 2005. Rice production Technology. In Proceedings of the Regional Workshop on Transfer of Agricultural Technology, Rajshahi Region. Bangladesh Agricultural Research Council. Farmgate, Dhaka. pp.1-9.

Ali MA and **Karmakar B**. 2004. Problems and probability of Rice technologies at Rajshahi region. Paper presented in the Regional Workshop of Agricultural technology Transfer, Rajshahi region held at Zila Parishad Conference room in 2-3 June, 2004.

Mazumdar RK, Ali MH, Ali MA, **Karmakar B**, Sarker P and Mazid MA. 2005. Intervening T. Aman growth period and drought management. Paper presented in the workshop on "Drought management in T. Aman cropping pattern" held at AKM Gias Uddin Milki auditorium, DAE, Khamarbari, Dhaka-1205.

**Karmakar B**, Ali MA, Mazid MA and Husain MM. 2005. Evaluation of Drum seeder in direct wet seeding rice at Rajshahi region. Paper presented in the workshop on direct seeded rice using Drum Seeder held in 19-20 June, 2004 at the Bangladesh Rice Research Institute, Gazipur-1701.

**Karmakar B** and Ali MA. 2005. Basmati and other fine rice production: Probability and feasibility. Paper presented in the workshop on "Fine rice production in Barind tract" on 13 September 2005 at BMDA, Bagmara, Rajshahi.

Ali MA and **Karmakar B**. 2005. Fine Rice: Performance and Research progress. Paper presented in the workshop on Inter Institutional collaboration of fine rice production and marketing" on 29 June 2005 at BMDA, Rajshahi.

Mazid MA, Mortimer MA, Riches C, Orr A, **Karmakar B**, Ali A, Jabbar MA, Wade LJ. 2005. Rice establishment in drought-prone areas of Bangladesh. In: Rice is Life: Scientific perspectives for the 21st century: Proceedings of the World Rice Research Conference held at Tsukuba, Japan on 5-7 November 2004, ed. by Toriyama K, Heong KL, Hardy B, pp193-195, ill. Los Banos, Leguna: IRRI; Tsukuba, Japan: JIRCAS, 2005.

- Mazumder RK, Haque A, **Karmakar B**, Ali MA, Mazid MA, Das BH, Karim R and Mahmud ML. 2004. Experiences with modern hybrid rice varieties in Barind and high land ecosystem. Paper presented in the Twentieth national workshop on Rice Research and Extension in Bangladesh. Held at the Bangladesh Rice Research Institute, Gazipur, Bangladesh. 19-21 April 28, 2004.
- Mazid MA, Mortimer M, Riches C, Orr A, **Karmakar B**, Jabbar MA and Wade LJ. 2004. Issues related to rice establishment in drought prone areas of Bangladesh. Paper presented in the World rice conference at Tsukuba, Japan on 4-7 November, 2004.
- Mazid MA, Duxbury J, **Karmakar B**, Lauren J and Meisner CA. 2003. Rice productivity under water inputs in conventional paddy, SRI and Bed planted rice: An experience from BRRI, Rangpur and Rajshahi. Paper presented in the workshop on System of Rice Intensification (SRI) held in at IDB Bhaban, Dhaka on 24 December 2003.
- Mazid MA, Lauren J, **Karmakar B**, Meisner CA and Duxbury J. 2001. Intensifying the Rice-Wheat cropping system with infusion of a dual-purpose legume. Paper presented in the International workshop on Conservation Agriculture for food security and environment protection in Rice-Wheat cropping systems. Lahore, Pakistan, 6-9 February 2001. p35.
- Mazid MA, Hossain M, **Karmakar B**, Riches C, Mortimer M and wade LJ. 2001. Long term studies of productivity and sustainability in rainfed lowland rice cropping system. In Proceedings of the annual Review and Planning workshop: Improving Lowland Rice Production and Weed management held at BRRI Gazipur on 27-28 March 2001. pp13-17.
- Mazid MA, Islam MS, Bakkar RB and **Karmakar B**. 2001. Performances evaluation of different Seeding machines and weed control methods of Wheat in north-western region of Bangladesh for sowing at high Barind. In Proceedings of the annual Review and Planning workshop: Improving Lowland Rice Production and Weed management held at BRRI Gazipur on 27-28 March 2001. pp18-20.
- Mazid MA, Mortimer M, Riches C and **Karmakar B**. 2001. On farm studies of yield gaps due to weeds in T-Aman rice. In Proceedings of the annual Review and Planning workshop: Improving Lowland Rice Production and Weed management held at BRRI Gazipur on 27-28 March 2001. pp22-23.
- Jabbar MA, Mazid MA, **Karmakar B** and Robinson EZ. 2001. The socioeconomic context of weed management. In Proceedings of the annual Review and Planning workshop: Improving Lowland Rice Production and Weed management held at BRRI Gazipur on 27-28 March 2001. pp24-27.

#### **E) Popular Articles:**

- Zaman SK, Ali MA and **Karmakar B**. 2008. Mixed crop of Potato and Pointed gourd in Barind tract: Experience of a farmer. Krishi Barta, Dhaka. October 2008. 7(1): p20.
- Karmakar B**, Ali MA and Mazid MA. 2004. Rice-Chickpea cropping pattern in Rainfed Barind tract: A promising technology. Krishi Biplob, Dhaka, Bangladesh. 14-28 April, 2004. 5(14): p6.
- Karmakar B**, Ali MA, Choudhury DAM, Muniruzzaman MM and Nahar MA. 2004. Good rice seed ensures good yield. Dainik Jugantar. Dhaka. 29 January 2004. p17.
- Karmakar B**. 2004. Seedling production technique of Boro rice. Krishi Katha. A monthly Agril. Magazine published by Agriculture Information service, Farm gate, Dhaka, Bangladesh. January-February 2004. 10: pp.298-299.
- Karmakar B**, Ali MA and Mazid MA. 2004. Major harmful weeds and its control measures. Krishi Katha, Dhaka, Bangladesh. April-May, 2004. 1: pp.3-4
- Karmakar B**. 2004. Transplanting technique of Boro seedling. Krishi Biplob, A fortnightly Agril. National Newspaper, Dhaka, Bangladesh. 28 February-14 March 2004. 5(11): p21.
- Karmakar B**, Ali MA, Muniruzzaman MM & Choudhury DAM. 2004. Rice seed production preservation technology at Farmers level. Souvenir of Seed and Agril. Fair of Rajshahi district published by Department of Agricultural Extension. March 2004. p1214.

**Karmakar B**, Ali MA and Zaman SK. 2004. Drum seeder: Promising technology for direct seeded rice. Krishi Biplob. Dhaka, Bangladesh. Oct 31-Nov 14, 2004. 3: p7.

**Karmakar B**. 2004. Aus rice cultivation at Rajshahi region: A discussion. Krishi Biplob. Dhaka, Bangladesh. Nov 15-29, 2004. 4: p29.

**Karmakar B**. 2004. Transplanting technique of Boro rice seedling. Krishi Biplob. Dhaka, Bangladesh. Nov 15-29, 2004. 4: p64.

**Karmakar B**, Mazid MA and Ali MA. 2003. Cultivation of Mungbean in Rice-Wheat cropping pattern to increase soil fertility. Krishi Biplob, A fortnightly Agricultural National Newspaper, Dhaka, Bangladesh. 29 April-14 May, 2003. 4(15): pp.10-11

**Karmakar B**, Ali MA and Mazid MA. 2003. Management of Urea fertilizer through Leaf Color Chart (LCC). Krishi Biplob, Dhaka, Bangladesh. 15-29 June 2003. 4(18): p8 &29,

Ali MA, **Karmakar B** and Nahar MA. 2003. Sheath Blight disease in Barind tract and its management. Krishi Biplob, A fortnightly Agril. National Newspaper, Dhaka, Bangladesh. 14-28 April 2003. 4(14): p11 &13.

Choudhury DAM, Ali MA and **Karmakar B**. 2003. Control measures of harmful insects of Aman rice at Barind tract. Krishi Biplob, A fortnightly Agril. National Newspaper, Dhaka, Bangladesh. 1-16 October 2003. 5(1): p6.

**Karmakar B**. 2003. Intercultural operation of transplanted Aman rice field. Krishi Biplob, A fortnightly Agril. National Newspaper, Dhaka, Bangladesh. 1-16 October 2003. 5(1): p1.

### **Reviewer of Journal**

International Journal of BioResearch (ISSN 1819-8783)

### **Working experience**

Fourteen years experience in rice research through research program planning, designing, execution, data collection, data compilation, data analysis, report writing and evaluation of different research activities at on-station and on-farm. I joined at Adaptive Research Division, Bangladesh Rice Research Institute (BRRI) on August 20, 1998 as a Scientific Officer and promoted to Senior Scientific Officer in the same Division on June 01, 2006. Presently, I am working at the BRRI, Regional Station, Rajshahi.

I was also involved with research activities as co-investigator with several international projects such as Rainfed Lowland Rice Research Consortium (RLRRC-IRRI project), Consortium for Unfavorable Rice Environment (CURE-IRRI project) and System of Rice Intensification (SRI-CIMMYT project). While working with international project, I had great opportunity to work with several international scientists (Dr RJ Buresh, Dr BK Samson, Dr CA Meisner, Dr Alastair Orr, Dr Charlie Riches, Dr Martin Mortimer, Dr Stephan Haefele etc.) in different projects addressing the issue of nutrient management, crop establishment and weed management under rainfed and irrigated eco-system at north-west Bangladesh. Presently, I am working in the research project-Stress Tolerant Rice for Poor Farmers in Africa and South Asia (STRASA) funded by Bill and Melinda Gates Foundation (BMGF) that is executing at the drought prone north west region of Bangladesh.

### **On-going research projects**

- Effect of planting dates on the performance of rice genotypes in drought prone rainfed environment
- Nutrient use efficiency of rice genotypes in drought prone rainfed environment
- Response of rice genotypes to seedling age and transplanting dates in rainfed environment
- Participatory Variety Selection (PVS)
- On farm evaluation and dissemination of rice based technologies



## Referees

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