

CURRICULUM VITAE

1. Name : DR. MD. NAZMUL BARI
2. Father's name : Late Khairazzaman Mondol
3. Mother's name : Dulali Begum
3. Date of birth : 1st October, 1970
4. Address
- (a) Permanent Address : Village: Taraf fazil, P.O.: Sandiapur
Upazila: Shadullapur, Dist: Gaibandha,
Bangladesh.
- (b) Present Address : Senior Scientific Officer, Entomology Division
Bangladesh Rice Research Institute (BRI)
Regional Station, Shyampur, Rajshahi-6212.
Telephone: 0721-750168
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Email: mn_bari@yahoo.com
5. Nationality : Bangladeshi
6. Marital Status : Married
7. Academic Career :

Name of the Degree	Board/University	Year of Graduation	Division/Class
Doctor of Philosophy (PhD) in Entomology	Bangladesh Agricultural University, Mymensingh	2013	Pass
Masters of Science in Entomology	Bangladesh Agricultural University, Mymensingh	1997	First
Bachelor of Science in Agriculture	Bangladesh Agricultural University, Mymensingh	1992 (hold in 1996)	First
Higher Secondary Certificate (HSC)	Rajshahi Board	1987	First
Secondary School Certification (SSC)	Rajshahi Board	1985	First

8 (a). Major Subjects in M.S.: Insect Taxonomy I, Insect Taxonomy II, Insect physiology, Insect Ecology, Pesticide Management, Insect Nutrition and Biochemistry, Insect Pest Management, Insecticide Toxicology, Entomological Technique, Insect Pathology.

8 (b). Major Subjects in B.Sc.Ag: Entomology, Plant Pathology, Agronomy, Crop Botany, Soil Science, Horticulture, Genetics & Plant Breeding, Agricultural Extension, Agricultural Chemistry, Statistics, Mathematics I & II, Biochemistry, Rural Sociology, Animal Husbandry, Physical and Analytical Chemistry, Organic Chemistry.

09. Computer Knowledge: Sufficient knowledge & skill in Microsoft Word, Microsoft Excell, Power Point, IRRISSTAT, MSTAT and SPSS.

10. Research Experiences:

<u>Position</u>	<u>Duration</u>	
	<u>From</u>	<u>To</u>
Scientific Officer Hybrid Rice Project, Breeding Division, Bangladesh Rice Research Institute (BRRI), Gazipur-1701.	19-04-1998	27-02-1999
Scientific Officer Entomology Division Bangladesh Rice Research Institute Regional Station, Satkhira.	28-02-1999	07-02-2001
Scientific Officer Entomology Division Bangladesh Rice Research Institute (BRRI), Gazipur-1701.	08-02-2001	27-01-2007
Senior Scientific Officer Entomology Division Bangladesh Rice Research Institute (BRRI), Gazipur-1701.	28-01-2007	27-04-2014
Senior Scientific Officer Entomology Division Bangladesh Rice Research Institute (BRRI), Regional Station, Shyampur, Rajshahi-6212	28-04-2014	till date

11. Other Experiences:

Head In-Charge BRRI Regional Station, Satkhira	17-03-1999	07-02-2001
	25-02-2001	10-03-2001

12. Field of working, duties and responsibilities:

Now working in the field of Entomology specially on

- Bio-logical control of rice insect pests. The main objective of the work is to evaluate the role of natural enemies in controlling rice insect pests.
- Conservation of natural enemies through ecological engineering approaches. The main objective of this work is to conserve natural enemies by growing nectar-rich flowering plants in the bunds of rice field.
- Relationship between insect damage and yield loss. The main objective of the work is to determine the yield loss and recovering abilities of different rice varieties against major insect pest damage.
- Test of different insecticides against major insect pests. The main objective of the work is to evaluate the effectiveness of commercial formulations of different insecticides against major insect pests of rice.
- Survey & Monitoring of Rice Arthropods. The main objective of the work is to determine the incidence and abundance patterns of insect pests and their natural enemies at BRRI farm and in different AEZ's for better management of rice pests.
- Pest and natural enemies incidence in light trap. The main objective of the work is to know the incidence of insect pests and natural enemies to create a database.

13. Training

Sponsored Institute/Organization	Topic of Training	Venue	Duration
Integrated Agricultural productivity Project (IAPP)	Natural Enemies Identification and Conservation through Ecological Engineering Approaches	International Rice Research Institute (IRRI), Philippines	03 months
Bangladesh Agricultural Research Council (BARC) Farmgate, Dhaka	Project Development and management	Training Auditorium, BARC, Dhaka	05 days
National Agricultural Technology Project, BARC, Dhaka	Implications of Molecular Tools in Crop Improvement under stress Environment	Plant Pathology Division BRRI, Gazipur	05 days
Food and Agricultural Organization and Royal Norwegian Embassy, Dhaka	Aqua Crop Modeling	Training Division BRRI, Gazipur	05 days
Crop Life Asia and Bangladesh Crop Protection Association	A Training of Trainers Workshop on Safe and Judicious Use of Pesticides	Hotel Sheraton , Dhaka	01 days
Bangladesh Agricultural Research Council (BARC) Farmgate, Dhaka	Safe Use of Pesticide in Agriculture	Training Division, BARC, Farmgate, Dhaka	02 days
Bangladesh Agricultural Research Institute, Gazipur	Commercial Production of Sex Pheromone	Library Conference room, Bangladesh Agricultural Research Institute, Gazipur	02 days
PETTRA Project, LITE sub-project	Success Case Replication	BRRI R/S Comilla and Entomology Division, BRRI HQ	08 days
PETTRA Project, LITE sub-project	Arthropod Taxonomy	Entomology Division, BRRI	02 days
Bangladesh Agricultural Research Council (BARC) Farmgate, Dhaka	Foundation Training Course for NARS Scientists**	Bangladesh Academy for Rural Development (BARD) Kotbari, Comilla	3.5 months
Bangladesh Rice Research Institute (BRRI), Gazipur	Rice Production, Communication and Office Management*	Training Division, BRRI, Gazipur	2.0 months
Hybrid Rice project	Hybrid Rice Training Course	Breeding Division, BRRI, Gazipur	02 weeks
Hybrid Rice Project	Hybrid Rice Cultivation and Management Practices	Breeding Division, BRRI, Gazipur	02 days

**Obtained Chairman's Award, * Obtained Distinction
NARS= National Agricultural Research Systems

14. List of the Publications

(A). Publications

(i). Journals (Full Paper)

(a). Paper published in peer reviewed reputed International Journal as a principal author:

1. **Bari**, M. N., Jahan, M., and Islam, K. S. 2015. Effects of Temperature on the Life Table Parameters of *Trichogramma zehri* (Hymenoptera: Trichogrammatidae), an Egg Parasitoid of *Diadisa armigera* (Chrysomelidae: Coleoptera). *Environ. Entomol.* 43: 999 ; DOI: <http://dx.doi.org/10.1603/EN13304>

Paper published in peer reviewed reputed International Journal as a co-author: (Full Paper)

2. Ahmed, N, Björn Holmquist, Sultana N, P. Ali, **Bari**, M. N., Begum, M. A., Nadira Afsana and Rabbi , M. F. 2013. Impact of Climate Change on Rice Insect Pests and Their Natural Enemies. International Conference on Climate Change Impact and Adaptation (I3CIA-2013). Center for Climate Change and Sustainability Research (3CSR), DUET, Gazipur, Bangladesh 4-16 November 2013.
3. Begum, Mahfuj Ara, Jahan Mahbuba, **Bari**, M. N., Hossain, M. M and Afsana, N. 2002. Potentiality of *Micraspis discolor* (F.) as a biocontrol agent of *Nilaparvata lugens* (Stal). *On Line J. Biol. Sci.* 2 (9) : 630-632.
4. Bhuiyan, M. K. H., Hossain, M. and **Bari**, M. N. 2002: Rearing and Management of *Apis cerana* (F.) and Occurrence of pest in Honeybee colony. *On Line J. Biol. Sci.* 2 (1): 14 -17.
5. Bhuiyan, K. H., Hossain , M., **Bari**, M. N. and Khanam, M. R. 2002. Identification of Bee plants and analysis of honey collected from different plant sources. *Pakistan J. Biol. Sci* 5 (11) :1199-1201.
6. Dipti, S. S. Hossain, S. T., **Bari**, M. N. and Kabir, K. A. 2002. Physicochemical and cooking properties of some fine rice varieties. *Pakistan J. Nutri.* 1 (4) :188-190.
7. Dipti, S., **Bari**, M. N. and Kabir, K. A., 2003. Grain Quality Characteristics of some Beruin Rice Varieties of Bangladesh. *Pakistan J. Nutri.* 2 (4): 242-245.
8. Hossain, M. M. Shahjahan M., M., Hossain M. M and **Bari**, M. N. 2002. Chlorophyll content of Brinjal plant influencing the resistance and susceptibility to Brinjal shoot and fruit borer, *Leucinodes orbonalis* Guenee. *Pakistan J. Biol. Sci.* 5 (8) :825-829.
9. Rahman, M. M., Islam B. N and **Bari**, M. N. 2002. Effect of Plant Extracts on the Development of Rice hispa (*Diadisa armigera*). *On Line J. Biol. Sci.* 2 (1): 5-7.

(b) Other Journals (National/Int'l) as a principal author: (Full Paper)

10. **Bari**, M. N. and Sardar, M.A. 1998. Control strategy of Bean aphid with predator, *Menochillus sexmaculatus* (F.) and Insecticides . *Bangladesh J Entom.* 8 (1&2): 21-30.
11. **Bari**, M. N., Rabbi, M. F., Choudhury, D. A. M., Ameen, M.& Howlader, M. M. A 2005. *Trichogramma zehri* Polaszek sp.n. (Hymenoptera: Trichogrammatidae): It`s development period, sex ratio and parasitism pattern on rice hispa eggs. *Bangladesh J Entom.* 15 (1): 45-55.

12. **Bari, M. N.**, Uddin, A. B. M. A. and Rabbi, M. F. 2012. Assessment of Yield Losses due to Rice hispa damage in different rice varieties of three rice seasons. *Int. J. Sustain. Agril. Tech.* **8**(9): 13-18.
13. **Bari, M. N.**, Rabbi, M. F., Hasan, M. and Ali, P. 2012. Assessment of Yield Losses of Some Modern Rice Varieties due to Rice hispa infestation in different rice seasons of *Bangladesh*. *Bangladesh J Entom.* **22** (1): 47-59.

Other Journals (National/Int'l) as a Co- author: (Full Paper)

14. Ahmed, N., Hasan, M., **Bari, M. N.** and Nasrin, S. 2004. Biology of rice hairy caterpillar, *Laelia saffusa* Walker (Lepidoptera:Lymantridae). *Bangladesh J. Entom.* **14** (1): 79-85.
15. Ansary, A. B., Hossain. M. and **Bari , M. N.** 2001. Analysis of Honey and Incidence of Disease, Pests and Predators in the Colony of Honeybee (*Apis cerana*). *Bangladesh J. Entom.* **11**(1&2): 21-30.
16. Haidar, S. M. Z., Ahammad, M., Ahmed N., **Bari M. N.** and Mowla, M. G. 2003. Oviposition Behaviour of *Apantales obliquae* and its parasitism effect on *Spilarctia obliqua* (Walker). *Bangladesh J Entom.***13** (1): 15-22.
17. Ismat Ara, M., Haque, M. A. **Bari, M. N.**, Islam , N. and Ahmed. N. 2005. Development of rice meal moth, *Corcyra cephalonica* (Stainton) on different food media. *Univ. J Zool.* Rajshahi University, **24**: 17-21 .
18. Kamal, N. Q, **Bari, M. N.** and Cork, A. 2006. Rice stem borers: A dynamic species complex in Bangladesh. *Bangladesh J. Entom.* **16** (2): 75-90.
19. Khanam, M. R. Abedin, M. J., **Bari , M. N.** and Begum Mahfuj Ara and Uddin, M. J. 2003. Ion sorption behaviour under different moisture resimes in Ghatail soil series of Bangladesh. *SAARC J. of Agril.* **1**(1): 51-59.
20. Khanam , M. R., Abedin, M. J., **Bari, M. N.** Hossain , M. M. and Uddin , M. J. 2003. Effect of ionic concentration on ion sorption behaviour in five soil series of Bangladesh . *J. Assiat. Soc. Bangladesh, Sci.* **29** (1): 121-132.
21. Khanam, M. R., Abedin, M. J., **Bari, M. N.** and Dipti, S. S. 2004. Ion sorption behaviour under different moisture resimes in Shilmondi soil. *Bangladesh J. Agril. Res.* **29**(1): 37-46.
22. Rabbi, M.F., **Bari, M. N.**, Paul, D. N. R., Haq, M and Alam, S. 2009. Effect of weather factors (temperature, humidity and rainfall) on the parasitism rate of rice hispa egg and grub parasitoids. *Int. J. BioRes.* **7** (1): 70-77
23. Rabbi, M.F., **Bari, M. N.**, Uddin, A. B. M. A. and Hasan, M. 2010. Predatory preference of some common predators of rice field for rice hispa, *Di cladispa armigera* (Olivier). *Bangladesh J Entom.* **20** (2): 43-87.
24. Rabbi, M. F., **Bari, M. N.**, Uddin, A. B. M. A., Ferdous, J. and Alam, M. Z. 2011. Choice of rice hispa, *Di cladispa armigera* (Olivier) as a prey of two spider species of rice field. *Eco-friendly Agril. J.* (05): 614-618.
- 25 Rashid. M M , Jahan, M, Islam, K S, Bari M N and Haque S S 2014. Effect of Nutrient Management on Population Growth of Brown Planthopper, *Nilaparvata lugens* (Stål). *Bangladesh Rice J.* **17**(1&2): 42-52.

(ii). Books/Monographs/Bulletins

(a). Book as a Co-author

১. নূর আহাম্মদ, ড. এ ডবিউ জুলফিকার, ড. ফরহাদ জামিল এবং tg: bRgj evix 2000. হাইব্রিড ধানের প্রযুক্তি, evsjv`k avb MteIYv Bbv÷UDU,cKvkbv b !i "#, \$%c&v

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(b). Monograph as principal author

"(tg: bRgj evix 20"2(বাদামী গাছ ফড়িং। ছমি-বিসিপিএ-ও ত্রৈমাসিক সাময়িকী। ৩য় সংখ্যা, ৫-৬ পৃষ্ঠা

©. Bulletin as a principal-author

"(tg: bRgj evix 20""(বাদামী গাছ ফড়িং। আমার খামার আমার জীবন। ৭ম সংখ্যা, আশ্বিন-কার্তিক ১৪১৮ বঙ্গাব্দ, ৯-১০ পৃষ্ঠা।

Bulletin as a co-author

১. ড. নাজিরা কোরাইশী কামাল, tg: bRgj evix এবং নূর আহাম্মদ ২০০৪. ধানের ক্ষতিকর পোকামাকড় ব্যবস্থাপনার বর্তমান ও ভবিষ্যৎ। কৃষিকথা (ধান সংখ্যা) জ্যৈষ্ঠ ১৪১১, পৃষ্ঠা ৮৬-৮৭.
২. ড. মাইনুল হক, মো: ফজলে রাব্বী এবং tg: bRgj evix ২০০৫. বৃহত্তর সিলেট অঞ্চলে পামরী পোকাকার নতুন আক্রমণ। ধান গবেষণা সমাচার, ষোড়শ বর্ষ, প্রথম সংখ্যা, আষাঢ় - কার্তিক-১৪১২, পৃষ্ঠা-৫।

(iv). Proceedings of Seminar/Workshop as a principal author (National):

1. **Bari, M. Nazmul.**, Rabbi, M. Fazle, Choudhury, D.A.M. and Sarker, P. K. 2005. Alternate Hosts of Rice Hispa. Bangladesh Rice Research Institute, Publication No. 163, pp 25-30. In Proceedings of the Workshop on Ecology and Management of Rice Hispa in Bangladesh 24-25 April, 2004, 48 P.

Proceedings of Seminar/Workshop as a co- author (National):

1. Choudhury, D.A.M., M. Fazle Rabbi and **M. Nazmul Bari** 2005. Effect of Plant Age and Nitrogenous Fertilizer on the Development of Rice Hispa. Bangladesh Rice Research Institute, Publication No. 163, pp 31-34. In Proceedings of the Workshop on Ecology and Management of Rice Hispa in Bangladesh 24-25 April 2004, 48 P.
2. Rabbi, M. Fazle, S. Shamiul Haque, M. Mosaddeque Hossain and M. Nazmul Bari. 2005. Rice Hispa Incidence in Endemic and Non-Endemic Areas of Bangladesh. Bangladesh Rice Research Institute, Publication No. 163, pp 19-23. In Proceedings of the Workshop on Ecology and Management of Rice Hispa in Bangladesh 24-25 April, 2004, 48P.
3. Kamal, N. Q., N. Ahmed, M. Mosaddeque Hossain, M. M. Hossain, M.A. Begum, M. N. Bari, N. Afsana and N.A. Kohinoor. 2004. Emerging Technologies to Combat Rice Insect Pests. Bangladesh Rice Research Institute, Publication No. 159, pp 19-23. In Proceedings of the Workshop on Modern Rice Cultivation in Bangladesh 19-21 April, 2004, 359P.

Proceedings of Seminar/Workshop as a principal author (International):

1. **Bari, M.N.**, S. Rahman, Muhammad Ali Siddiquee, N. Ahmed, M. F. Rabbi & M. A. L. Shah 2012. Pollutants in rice: Probable sources. *In*: Proceedings of the seminar on ‘Organic pollutants in food, agricultural products and environment’ University of Dhaka, Dhaka Bangladesh, 17-18.

15. Driving: Motor cycle and light Motor car

17. Membership:

- Member of the Bangladesh rice Research Institute Scientists’ Association (BRRISA)
- Life Member of the Entomological Society of Bangladesh
- Member of the Krisibid Institution Bangladesh

18. Distinction/Award :

- i. **Distinction** obtained in the final evaluation of the Training “Rice Production, Communication and Office Management” hold at BRRI Gazipur during 12 July 1999 to 5 September 1999.
- ii. Obtained "**Chairmans Award**" in the final evaluation of the “Foundation Training Course for the National Agricultural Research Systems Scientists” hold at BARD, Comilla during 12 March 2001 to 25 June 2001.

19. References:

- | | |
|---|---|
| i. Dr. Md. Mostofa Kamal
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Signature

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