

1. **Name** : Dr. F. M. Aminuzzaman
2. **Designation** : Professor
3. **Organization** : Department of Plant Pathology
Faculty of Agriculture
Sher-e-Bangla Agricultural University
Dhaka-1207, Bangladesh
4. **Date of Birth** : 31/10/1972
5. **Nationality** : Bangladeshi
6. **Contact** : Mail: aminsaupp@yahoo.com
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6. **Membership in Professional Societies**

- Member, Academic Council, Sher-e-Bangla Agricultural University (SAU)
- Member, Dean Executive Committee, Faculty of Agriculture, SAU, 2013 to till date
- Life member, Sher-e-Bangla Agricultural University Teachers' Association (SAUTA)
- Life Member, Bangladesh Phytopathological Society
- Life Member, Bangladesh Association of Environmental Science
- Life Member, Krishibid Institution of Bangladesh (KIB)
- Life Member, Sher-e-Bangla Agricultural University Alumni Association

7. **Education** :

- Postdoc in Plant Pathology, Institute of Microbiology, Beijing, P.R.China, 2009
- Ph.D. in Plant Pathology, Bangladesh Agricultural University (BAU), 2005
- MS in Plant Pathology, Bangladesh Agricultural University (BAU), 1999
- Bachelor of Science in Agriculture, Bangladesh Agricultural University 1993 (held in 1997)

8. **Training/seminar/symposia** :

Abroad

1. First International symposium on '**Fruit Science and Technology innovation among Belt and Road countries**' from October 22 to October 24, 2019, jointly organized by Research Institute of Pomology, Chinese Academy of Agricultural Sciences (CAAS) and Huludao Science and Technology Bureau, Huludao, Xincheng, P.R.China.
2. MoU signing ceremony between Sher-e-Bangla Agricultural University (SAU) and Chinese Academy of Agricultural Sciences (CAAS), organized by Chinese Academy of Agricultural Sciences (CAAS), Beijing, P.R.China on October 09, 2017 (Speaker as a plant pathologist and SAU representative).
3. VI International Conference on **Environmental, Industrial and Applied Microbiology** from October 28 to October 30, 2015, University of Barcelona, Spain, supported by The world Academy of Sciences (TWAS, Italy).
4. International training program on '**Fruit production techniques for developing country**' from June 25 to July 10, 2015, jointly organized by Department of International Cooperation of MOA, P.R.China and Research Institute of Pomology, Chinese Academy of Agricultural Sciences, Xincheng, P.R.China.

5. International symposium on '**Industrial Biotechnology**' from October 15 to October 18, 2014, jointly organized by The World Academy of Science and Chinese Academy of Science, Beijing, P.R.China.
6. International training workshop on '**Botanical Extracts Processing Technology**' from October 15 to November 3, 2011 organized by Hunan Agricultural University, P.R.China.
7. Participation in '**TWAS-ROESEAP Symposium on Industrial Biotechnology**' from August 26 to 30, 2011, jointly organized by The World Academy of Science and Chinese Academy of Sciences, Beijing, P.R.China.
8. Theoretical and practical course on "**Biologics: from discovery to development**" organized by International Center for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India. 27 October to 03 November, 2009.
9. Workshop on "**Insect Associated Fungi**" organized by Mycological Society of China. 26 to 27 September, 2008, Beijing, P.R.China.
10. Participation in "**China-Japan Pan Asia Pacific Mycology Forum**" organized by Mycology Society of China and Mycology Society of Japan, July 28 to August 05, 2008. Jilin Agricultural University, Changchun, Jilin, P.R.China.
11. Participation in "**Annual meeting of Mycological Society of China, 2008**" organized by China Mycology Society at Huazhong Agricultural University, Wuhan, P.R.China.

Home

1. Participation as a speaker on '**Diseases of field crops and their management**' organized by DAE, Khamarbari for DAE officers, on November 25, 2019.
2. Participation as a speaker on '**Diseases of cereal crops and their management**' organized by BADC for field officer's of contact growers, Dhaka circle on May 02, 2019.
3. Workshop on "**Manual for Quarantine Laboratory**" organized by Strengthening Phytosanitary Capacity in Bangladesh Project (SPCBP), Department of Agriculture Extension (DAE), Khamarbari, Farmgate, Dhaka, Bangladesh. 11-13 February 2014.
4. Workshop on "**Higher Education Quality Enhancement Project**" Jointly organized by University Grants Commission of Bangladesh and Sher-e-Bangla Agricultural University, Dhaka, Bangladesh held at SAU conference room on February, 2014.
5. Training on "**Curriculum Development and Teaching Learning Assessment**" organized by Higher Education Quality Enhancement Project (HEQEP), University Grants Commission, Bangladesh, held on 17 December to 21 December, 2013 at Sher-e-Bangla Agricultural University, Dhaka.
6. Training workshop on "**Curriculum Development and Evaluation**" organized by Higher Education Quality Enhancement Project (HEQEP), University Grants Commission, Bangladesh, held on June 22 to June 23, 2012 at Graduate Training Institute (GTI), Bangladesh Agricultural University, Mymensingh, Bangladesh.
7. Training workshop on "**Teaching Methods and Assessment of Learning**" organized by Higher Education Quality Enhancement Project (HEQEP), University Grants Commission, Bangladesh, held on June 09 to June 15, 2012 at Graduate Training Institute (GTI), Bangladesh Agricultural University,

Mymensingh, Bangladesh.

8. Training course on “**Pest Risk Analysis (PRA) of Maize**” organized by Eusuf and Associates and Department of Agricultural Extension (DAE), Ministry of Agriculture, Dhaka, Bangladesh held in January 2012.
9. Training course on “**Climate Change and Adaptation**”, jointly organized by Can Tho University (Vietnam), Independent University (Bangladesh) and Middlesex University (UK) held on 3 - 4 June, 2009.
10. Training course on ‘**Teaching Management and Learning Process**’ organized by Directorate of Outreach, Sher-e-Bangla Agricultural University, Dhaka, 2003.

9. Languages & Degree of Proficiency

Language	Speaking	Reading	Writing
English	Good	Excellent	Excellent
Bangla	Mother Tongue	Excellent	Excellent
Chinese	Few sentences	None	None

10. Countries of Work Experience: Bangladesh, China

11. Research area

Biological control, Biopesticide formulation, diversity of macro fungi, emerging crop diseases, molecular biology

12. Award Received: TWAS-ROESEAP Industrial Biotechnology Young Scientists Prize 2011

13. Employment Record

From: Nov, 2014	To till date
Employer	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
Position Held	Professor , Department of Plant Pathology, Faculty of Agriculture.
Duties	<ul style="list-style-type: none"> • Providing services as the supervisor of the Research works for the Post-graduate students (MS & PhD). • Conducting Research Methodology and Data Analysis Course, and Seminar Courses for the Post-graduate students. • Planning, supervising, monitoring and implementation of the research works based on the plant diseases, their management, pest-plant interactions for the post-graduate students.
From: Nov, 2010	To Oct, 2014
Employer	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
Position Held	Associate Professor , Department of Plant Pathology, Faculty of Agriculture.
Duties	<ul style="list-style-type: none"> • Providing services as the supervisor of the Research works for the Post-graduate students (MS & PhD). • Conducting Research Methodology and Data Analysis Course, and Seminar Courses for the Post-graduate students. • Planning, supervising, monitoring and implementation of the research works based on the plant diseases, their management, pest-plant interactions for the post-graduate students.

From: Feb 2005	To November 2010
Employer	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
Position held	Assistant Professor , Department of Plant Pathology, Faculty of Agriculture
Duties	<ul style="list-style-type: none"> • Providing services as the supervisor of the Research works for the Post-graduate students (MS & PhD). • Conducting Research Methodology and Data Analysis Course, and Seminar Courses for the Post-graduate students. • Planning, supervising, monitoring and implementation of the research works based on the insect pests, their management, insect-plant interactions for the post-graduate students.
From: Sept,2002	To:February 2005
Employer	Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
Position held	Lecturer , Department of Plant Pathology, Faculty of Agriculture
Duties	Teaching & Research

14. Research Project (Ongoing)

From: Feb, 2019	To Jan. 2022 (Project-14)
Employer/Donor	Ministry of Education, BANBEIS, Bangladesh
Position Held	Principal Investigator , Pathogenic variation, molecular characterization, evolution and physiologic races of <i>Pyricularia oryzae</i> Cavara and searching resistant rice sources against rice blast.
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepare report and submit to the authority, submission of scientific article to a journal.

15. Research Projects (Completed)

From Sep. 2019	To Aug. 2020 (Project-13)
Employer/Donor	Sher-e-Bangla Agricultural University Research System, SAURES
Position Held	Principal Investigator , Effects of culture media and abiotic light factors for the growth and sporulation of wheat blast pathogen <i>Magnaporthe oryzae</i> .
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepare report and submit to the authority, submission of scientific article to a journal.
From Sep. 2018	To Aug. 2019 (Project-12)
Employer/Donor	Sher-e-Bangla Agricultural University Research System, SAURES
Position Held	Principal Investigator , Morphological variation of rice blast pathogen <i>Pyricularia oryzae</i> and efficacy of fungicides, botanicals and bioagents on it's growth and sporulation <i>in-vitro</i> .
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepare report and submit to the authority, submission of scientific article to a journal.
From Nov. 2017	Oct. 2018 (Project-11)
Employer/Donor	Sher-e-Bangla Agricultural University Research System, SAURES
Position Held	Principal Investigator , Biodiversity, distribution and conservation of fleshy and woody wild macro fungi from gajni forest region of Bangladesh
Duties	Prepared Complete Proposal of the project, organize training for the students, their

development related to the project activities; monitoring data collection procedure; analysis of data, prepare report and submit to the authority, submission of scientific article to a journal.

- From July 2016** **June 2017 (Project-10)**
Employer/Donor **Ministry of Science and Technology**
Position Held **Principal Investigator**, Biodiversity, distribution, molecular characterization and conservation of fleshy and woody wild mushrooms from mangrove forest regions of Bangladesh.
- Duties** Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
- From Jan 2016** **December 2016 (Project-9)**
Employer/Donor **University Grants Commission (UGC)**
Position Held **Principal Investigator**, Biodiversity, morphological characterization and preservation of mushroom collected from tropical evergreen and semi-evergreen forest region of Bangladesh.
- Duties** Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
- From Jan 2015** **June 2016 (Project-8)**
Employer/Donor **The World Academy of Sciences (TWAS, Italy)**
Position Held **Principal Investigator**, Evaluation of encapsulated *Paecilomyces lilacinus* in combination with arbuscular mycorrhizal fungus (AMF) *Glomus* sp. on plant growth and suppression of *Meloidogyne incognita* on tomato and eggplant in arsenic amended soil.
- Duties** Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
- From July 2014** **June 2015 (Project-7)**
Employer/Donor **Ministry of Science and Technology**
Position Held **Principal Investigator**, Evaluation of bioformulated *Paecilomyces lilacinus* and arbuscular mycorrhizal fungus (AMF) on plant growth and suppression of soil borne diseases of vegetables grown in arsenic amended soil.
- Duties** Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
- From Jan 2012** **To December 2012 (Project-6)**
Employer/Donor **Sher-e-Bangla Agricultural University Research System (SAURES)**
Position Held **Principal Investigator**, Effect of application time of biocontrol fungus *Paecilomyces lilacinus* on root knot (*Meloidogyne* spp.) and growth parameters of brinjal and tomato
- Duties** Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
- From: July,2010** **to June 2012(Project-5)**
Employer/Donor **International Foundation For Science (IFS)**
Position Held **Principal Investigator**, Identification and biocontrol potential of fungi associated with naturally infected eggs and females of root knot nematodes, *Meloidogyne* spp. in Bangladesh

Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
From: July, 2010	to June 2011 (Project-4)
Employer/Donor	Ministry of Science, Information and Communication Technology
Position Held	<u>Principal Investigator</u> , Effect of different levels of seed infection by <i>Bipolaris sorokiniana</i> and population density on leaf blight disease and healthy seed production of wheat
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
From: July 2008	to June 2009 (Project-3)
Employer/Donor	University Grants Commission, Peoples Republic of Bangladesh
Position Held	<u>Principal Investigator</u> , Effect of biocontrol fungus <i>Paecilomyces lilacinus</i> and fosthiazate on root knot (<i>Meloidogyne</i> spp.) of eggplant
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring data collection procedure; analysis of data, prepared a report and submitted to the authority, submission of scientific article to a journal.
From: Jan, 2006	To: December 2007 (Project-2)
Employer/Donor	Sher-e-Bangla Agricultural University Research System (SAURES)
Position held	<u>Principal Investigator</u> , Efficacy of indigenous plant extracts in controlling leaf blight (<i>Bipolaris sorokiniana</i>) of wheat
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring survey and data collection procedure; analysis of data, prepared a report and submitted to the authority, publication of scientific article in a journal.
From: Jan, 2005	To December 2006 (Project-1)
Employer/Donor	University Grants Commission, Peoples Republic of Bangladesh
Position held	<u>Principal Investigator</u> , Ecofriendly management of leaf blight (<i>Bipolaris sorokiniana</i>) of wheat
Duties	Prepared Complete Proposal of the project, organize training for the students, their development related to the project activities; monitoring survey and data collection procedure; analysis of data, prepared a report and submitted to the authority, publication of scientific article in a journal.

16. Other Project related activities

From: Jan 2017	To July 2017
Employer	Department of Agricultural Extension (DAE) on behalf of Development Technical Consultants Pvt. Ltd.
Position Held	<u>Plant Pathologist</u> for Pest Risk Analysis (PRA) of <i>Globodera</i> in Bangladesh under Strengthening Phytosanitary Capacity in Bangladesh (SPCB) Project
Duties	The major responsibilities are: <ul style="list-style-type: none"> • Assist the team for design and develop sample frame • Worked the PRA Team for survey questionnaire including FGD, KII, LG guidelines and semi structure questionnaire • Conduct field-testing & Organize training of enumerators and supervisors • Data collection monitoring and supervision • Assist Team Leader for report writing

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- From: Jan 2016** **To July 2016**
Employer Department of Agricultural Extension (DAE) on behalf of Development Technical Consultants Pvt. Ltd.
- Position Held** **Plant Pathologist** for Pest Risk Analysis (PRA) of **Cucurbits** in Bangladesh under Strengthening Phytosanitary Capacity in Bangladesh (SPCB) Project
- Duties** The major responsibilities are:
- Assist the team for design and develop sample frame
 - Worked the PRA Team for survey questionnaire including FGD, KII, LG guidelines and semi structure questionnaire
 - Conduct field-testing & Organize training of enumerators and supervisors
 - Data collection monitoring and supervision
 - Assist Team Leader for report writing
- From: Jan 2016** **To June 2016**
Employer Department of Agricultural Extension (DAE) on behalf of Development Technical Consultants Pvt. Ltd.
- Position Held** **Plant Pathologist** for Pest Risk Analysis (PRA) of **Cut Flower & Foliage** in Bangladesh under Strengthening Phytosanitary Capacity in Bangladesh (SPCB) Project
- Duties** The major responsibilities are:
- Assist the team for design and develop sample frame
 - Worked the PRA Team for survey questionnaire including FGD, KII, LG guidelines and semi structure questionnaire
 - Conduct field-testing & Organize training of enumerators and supervisors
 - Data collection monitoring and supervision
 - Assist Team Leader for report writing
- From Feb 2015** **June 2015**
Employer/Donor Ministry of Science and Technology, GoB
- Position Held** **Co-Investigator** for Development of mass-rearing protocol for egg parasitoid, *Trichogramma evanescens* (Westwood) and its eco-friendly management along with insect sex pheromone traps against brinjal shoot and fruit borer
- Duties** Provided services for planning, designing and implementation of the research works on identification of effective management options of brinjal shoot and fruit borer and their effect on the beneficial insects.
- From Jan 2012** **To December, 2013**
Employer/Donor **University Grants Commission (UGC) of Bangladesh, Ministry of Education, Government of Bangladesh**
- Position Held** **Member, Survey Team**, Self Assessment Exercise, Faculty of Agriculture, Sher-e-Bangla Agricultural University.
- Duties** Prepared proposal of the sub-project; participation in training program for teaching learning; development of questionnaire for collecting data from different stakeholders; collection of data from teachers, students, officers, alumni and employer of the alumni. Data entry, data analysis and report writing, organize seminar and preparing final report.
- From: April, 2006** **To March 2008**
Employer **Sher-e-Bangla Agricultural University**
- Position held** **Assistant Provost**, Kabi Kazi Nazrul Islam Hall, Sher-e-Bangla Agricultural University, Dhaka
- Duties** Providing services as the Assistant Provost, Kabi Kazi Nazrul Islam Hall, Sher-e-Bangla Agricultural University, Dhaka regarding Academic, Administrative and Financial matters.
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17. Editorial Board Member

1. Research Journal of Cell and Molecular Biology (RJCMB)
2. International Journal of Applied Research on Medicinal Plants

18. Post Graduate (MS & PhD) Students Supervision

MS Thesis Supervisor: 47 Thesis submitted

Thesis Title: Phenotypic and molecular identification of blast resistance genes in rice germplasm

Program: Master of Science in Plant Pathology

Publication Year: December, 2019

Name & Registration No. of Student: Montasir Ahmed, Reg. No. 08-02819

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Diversity, distribution and morphological characterization of wild macro fungi from Gajni forest

Program: Master of Science in Plant Pathology

Publication Year: December, 2019

Name & Registration No. of Student: Debosri Rani Biswas Sonchita, Reg. No. 13-05284

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Survey on wheat blast and morphological characterization and *in-vitro* management of *Magnaporthe oryzae triticum* through botanicals

Program: Master of Science in Plant Pathology

Publication Year: December, 2019

Name & Registration No. of Student: Mst. Rehena Khatun, Reg. No. 18-09044

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Assessment of wheat blast intensity in south west of Bangladesh and characterization of *Magnaporthe oryzae triticum* on different culture media

Program: Master of Science in Plant Pathology

Publication Year: December, 2018

Name & Registration No. of Student: Mst. Laila Ashrafi, Reg. No. 17-08256

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Occurrence, diversity, distribution and morphology of wild mushrooms collected from Gajni forest of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2018

Name & Registration No. of Student: Md. Arifa Afrin Joty, Reg. No. 12-05051

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Survey on wheat blast and morphological variability of *Magnaporthe oryzae triticum*

Program: Master of Science in Plant Pathology

Publication Year: June, 2018

Name & Registration No. of Student: Tanjina Akhter, Reg. No. 12-05031

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Survey on rice blast in some selected area of Bangladesh and *In vitro* evaluation of selected fungicides against *Pyricularia oryzae*

Program: Master of Science in Plant Pathology

Publication Year: June, 2018

Name & Registration No. of Student: Md. Rayhanul Islam Reg. No. 12-05022

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Isolation, molecular identification and screening of *Fusarium* mycotoxin DON (Deoxynivalenol) degrading bacteria in European wheat samples

Program: Master of Science in Plant Pathology

Publication Year: June, 2018

Name & Registration No. of Student: Israt Jahan Reg. No. 12-04785

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity, distribution and morphological characterization of macrofungi in some parks and gardens of Dhaka city

Program: Master of Science in Plant Pathology

Publication Year: June, 2017

Name & Registration No. of Student: Jannatul Ferdous Tanni

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity, distribution and morphological characterization wood decay fungi on *Dalbergia sissoo*

Program: Master of Science in Plant Pathology

Publication Year: June, 2017

Name & Registration No. of Student: Mst. Asmaul Husna, 11-04321

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity, distribution and morphological characterization of *Ganoderma* spp. in tropical moist deciduous forest regions of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2017

Name & Registration No. of Student: Mst. Mafia Islam, 11-04293

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Isolation and identification of soil microorganisms in selected potato fields of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2016

Name & Registration No. of Student: Musfika Ahmed Nitu, 15-06879

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Macrofungal biodiversity and distribution in the sal (*Shorea robusta*) forest

Program: Master of Science in Plant Pathology

Publication Year: June, 2016

Name & Registration No. of Student: Sanjida Rahman, 10-03816

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity, distribution and morphological characterization of macrofungi in Sylhet and

Moulvibazar under tropical evergreen and semi-evergreen forest regions of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2016

Name & Registration No. of Student: Tanzim Ahmed, 15-06961

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Morphological characterization and distribution of macrofungi in Gajni forest of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2016

Name & Registration No. of Student: Moumita Momi, 10-04117

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Morphology and ecology of mushroom in the tropical evergreen and semi-evergreen forest regions of Cox's Bazar in Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: June, 2016

Name & Registration No. of Student: Md. Attaul Guni

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Evaluation of *Purpureocillium lilacinum* and arbuscular mycorrhizal fungus (AMF) on plant growth and control of eggplant wilt in arsenic contaminated soil

Program: Master of Science in Plant Pathology

Publication Year: December, 2015

Name & Registration No. of Student: Md. Golam Rasul, 10-03862

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity, distribution and morphological characterization of macrofungi in Chittagong hill tracts and adjacent areas.

Program: Master of Science in Plant Pathology

Publication Year: December, 2015

Name & Registration No. of Student: Marzana Afrose, 15-06885

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Seed borne fungi and seedling vigour of wheat seeds collected from south western region of Bangladesh.

Program: Master of Science in Plant Pathology

Publication Year: December, 2015

Name & Registration No. of Student: Nishat Tasnim Siddika, 14-06345

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Evaluation of *Purpureocillium lilacinum* and *Glomus* on plant growth and control of *Meloidogyne incognita* of eggplant in arsenic contaminated soil

Program: Master of Science in Plant Pathology

Publication Year: June, 2015

Name & Registration No. of Student: Khalid Hasan, 09-03598

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Root colonization and persistence of *Purpureocillium lilacinum* in rhizosphere as influenced by some crop species and *Meloidogyne incognita*

Program: Master of Science in Plant Pathology

Publication Year: June, 2015

Name & Registration No. of Student: Md. Mostaqur Rahman, 09-03692

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Morphological characterization of mushrooms associated with forest tree of national botanical garden, Dhaka

Program: Master of Science in Plant Pathology

Publication Year: December, 2014

Name & Registration No. of Student: Rubina Hoque, 13-05754

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Efficacy of different application rate of *Purpureocillium lilacinum* against different inoculum density of root-knot nematode (*Meloidogyne incognita*) of tomato

Program: Master of Science in Plant Pathology

Publication Year: December, 2013

Name & Registration No. of Student: Afrin Akter Faria, 07-02424

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biodiversity and morphological characterization of mushrooms at the tropical moist deciduous forest region of Bangladesh

Program: Master of Science in Plant Pathology

Publication Year: December, 2013

Name & Registration No. of Student: Md. Romainul Islam, 08-02753

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effects of *Meloidogyne incognita* inoculum density and application rate of *Paecilomyces lilacinus* on biocontrol efficacy of bioagent against root knot of brinjal

Program: Master of Science in Plant Pathology

Publication Year: June, 2013

Name & Registration No. of Student: Most. Sinthia Sarven, 06-01870

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Impact of *Paecilomyces lilacinus* application time on plant growth and suppression of root knot nematode (*Meloidogyne incognita*) in some selected vegetables

Program: Master of Science in Plant Pathology

Publication Year: December, 2012

Name & Registration No. of Student: Afroga Islam Mitu, 06-02150

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: The effects of Biocontrol fungus, *Paecilomyces lilacinus* and fosthiazate on root knot (*Meloidogyne* spp.) and yield of eggplant

Program: Master of Science in Plant Pathology

Publication Year: June, 2012

Name & Registration No. of Student: Jebunnesa Shammi, 10-04218

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Physiological, cultural and Morphological variation of *Bipolaris sorokiniana*

Program: Master of Science in Plant Pathology

Publication Year: June'2011

Name & Registration No. of Student: Md. Mamunur Rahman, 05-01805

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effect of different levels of seed infection (*Bipolaris sorokiniana*) and plant population density on leaf blight severity and yield of wheat

Program: Master of Science in Plant Pathology

Publication Year: June'2011

Name & Registration No. of Student: Md. Nurul Islam, 09-03725

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Biological control potentiality of fungi associated with root knot nematodes (*Meloidogyne* spp.)

Program: Master of Science in Plant Pathology

Publication Year: June'2011

Name & Registration No. of Student: Sayada Nasrin Jahan, 05-01567

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effect of different levels of seed infection (*Bipolaris sorokiniana*) and population density on leaf blight development and healthy seed production of wheat

Program: Master of Science in Plant Pathology

Publication Year: December'2010

Name & Registration No. of Student: Fatima Begum, 08-03268

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Influence of Arbuscular Mycorrhizal Fungi on Growth and Nutrient Uptake of Some Vegetable Crops

Program: Master of Science in Plant Pathology

Publication Year: June'2008

Name & Registration No. of Student: Md. Momraz Ali, 27607/00751

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effect of different levels of seed infection by *Bipolaris sorokiniana* on seedling vigor, leaf blight development and quality seed production of wheat

Program: Master of Science in Plant Pathology

Publication Year: June'2008

Name & Registration No. of Student: Shukti Rani Chowdhury, 03-01101

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Eco-friendly management of leaf blight (*Bipolaris sorokiniana*) of wheat

Program: Master of Science in Plant Pathology

Publication Year: June'2008

Name & Registration No. of Student: Romana Zaman, 03-01206

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Potentiality of plant extract in controlling leaf blight (*Bipolaris sorokiniana*)

Program: Master of Science in Plant Pathology

Publication Year: December'2007

Name & Registration No. of Student: Md. Alaul Islam, 00943

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Management of leaf blight of wheat caused by *Bipolaris sorokiniana*

Program: Master of Science in Plant Pathology

Publication Year: December'2007

Name & Registration No. of Student: Saila Yesmin, 00805

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Evaluation of fungicides and some ecofriendly treatments against *Bipolaris sorokiniana*

Program: Master of Science in Plant Pathology

Publication Year: December'2007

Name & Registration No. of Student: Rokshana Panna, 00872

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Efficacy of selected fungicides in controlling sheath blight (*Rhizoctonia solani*) disease of rice

Program: Master of Science in Plant Pathology

Publication Year: December'2007

Name & Registration No. of Student: Md. Homayon Kabir, 27563/00725

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Efficacy of selected fungicides in controlling some foliar diseases of rice

Program: Master of Science in Plant Pathology

Publication Year: December'2007

Name & Registration No. of Student: Fateh Un Tuli, 27586/00741

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Efficacy of plant extracts in controlling leaf blight of wheat caused by *Bipolaris sorokiniana*

Program: Master of Science in Plant Pathology

Publication Year: June'2007

Name & Registration No. of Student: Md. Mosiur Rahman, 27559/00722

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effect of fungicide in controlling leaf blight of wheat caused by *Bipolaris sorokiniana*

Program: Master of Science in Plant Pathology

Publication Year: December'2006

Name & Registration No. of Student: Md. Shah Zamal, 25201/00327

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Effect of manual seed sorting, seed solarization and seed treatment with vitavax and hot water on leaf spot (*Bipolaris sorokiniana*) and grain yield of wheat

Program: Master of Science in Plant Pathology

Publication Year: December'2006

Name & Registration No. of Student: Abu Sayed Md. Zobaer, 24912/00407

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Efficacy of selected plant extracts on leaf spot (*Bipolaris sorokiniana*) and grain yield of wheat

Program: Master of Science in Plant Pathology

Publication Year: December'2006

Name & Registration No. of Student: Md. Aminur Islam, 25105/00292

Organization: Department of Plant Pathology, SAU, Dhaka-1207

Position held: Research Supervisor

Thesis Title: Role of Arbuscular Mycorrhizal (AM) fungi on growth and nutrient uptake of some legumes
Program: Master of Science in Plant Pathology
Publication Year: December'2006
Name & Registration No. of Student: Md. Siful Alam, 26277/00560
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

Thesis Title: Varietal reaction of leaf blight of wheat caused by *Bipolaris sorokiniana*
Program: Master of Science in Plant Pathology
Publication Year: December'2006
Name & Registration No. of Student: Lutfunnaher Laila, 26214/00505
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

Thesis Title: Effect of physical and chemical seed treatments on leaf spot (*Bipolaris sorokiniana*) and grain yield of wheat
Program: Master of Science in Plant Pathology
Publication Year: December'2006
Name & Registration No. of Student: Md. Humayun Kabir, 23956/00194
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

Thesis Title: Effect of different levels of nutrient combination on leaf spot of wheat caused by *Bipolaris sorokiniana*
Program: Master of Science in Plant Pathology
Publication Year: December'2005
Name & Registration No. of Student: Ziaul Haque, 23898/00158
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

Ph.D: Two (2) ongoing research

Thesis Title: Morpho-molecular characterization of wild edible mushroom and integrated substrate treatment for healthy mushroom production
Program: Ph.D in Plant Pathology
First enrolled: July-December, 2018
Name & Registration No. of Student: Md. Nurul Islam, 0903725
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

Thesis Title: Morphological and pathogenic variation of *Magnaporthe oryzae* and management of rice blast through fungicides, botanicals and bioagents
Program: Ph.D in Plant Pathology
First enrolled: January-June, 2014
Name & Registration No. of Student: Lutfunnaher Laila, 26214/00505
Organization: Department of Plant Pathology, SAU, Dhaka-1207
Position held: Research Supervisor

19. Research Publications (Total No. 82)

1. D. R. B. Sonchita, **F. M. Aminuzzaman**, A. A. Joty, J. F. Tanni, M. N. Islam and M. Rahaman. 2020. Diversity, distribution and morphological characterization of wild macro fungi from Gajni Forest. *Asian Journal of Biology* 9(2): 19-32.
2. J. F. Tanni , **F. M. Aminuzzaman**, M. Ahmed and M. Rahaman. 2020. Diversity and distribution of macro fungi in some selected parks and gardens of Dhaka city, Bangladesh. *Asian Journal of Biology* 9(1): 23-43.
3. A. Tanjim, **F. M. Aminuzzaman**, M. Rahaman and J. F. Tanni. 2019. Biodiversity, distribution and morphological characterization of macrofungi in Sylhet and Moulvibazar under tropical evergreen and semi-evergreen forest regions of Bangladesh. *International Journal of Advanced Research* 7(11): 567-589.
4. M. H. Rahman, M. R. Islam, **F. M. Aminuzzaman**, A. Latif and H. Rahman. 2019. Morphological variability of the isolates of *Sclerotium rolfsii* causing foot and root rot disease of betelvine. *Journal of Bangladesh Agriculture*, 9 (1): 59-68.
5. M. H. Rahman , M. R. Islam, **F. M. Aminuzzaman**, A. Latif and S. Nahar. 2019. Evaluation of plant extracts, fungicides, bio-agent and soil amendments against foot and root rot disease of betelvine caused by *Sclerotium rolfsii* under field condition. *Bangladesh journal of agricultural research* 44(4): 669-677.
6. Salma Sarker, N. Sultana and **F. M. Aminuzzaman**. 2019. Field evaluation of some selected chemicals against bacterial blight in cotton. *Asian Journal of Biology*. 8(2): 1-10.
7. M. N. Islam, S. R. Chowdhury, **F. M. Aminuzzaman**, S. Saha and A. K. Mahato. 2019. Effect of black pointed seed and vermicompost on leaf and seed infection of wheat caused by *Bipolaris sorokiniana*. *International Journal of Bio-resource and Stress Management*. 10(3):266-275.
8. M. S. Sarven, **F. M. Aminuzzaman** and M. E. Huq. 2019. Dose-response relations between *Purpureocillium lilacinum* PLSAU-1 and *Meloidogyne incognita* infecting brinjal plant on plant growth and nematode management: a greenhouse study. *Egyptian Journal of Biological Pest Control*. 29: 26. **(Springer, IF: 0.381)**
9. M.N. Islam, F. Begum, N. Sultana and **F. M. Aminuzzaman**. 2018. Effect of different levels of seed infection with black point (*Bipolaris sorokiniana*) and population density on the leaf blight severity and yield attributes of wheat. *International Journal of Sustainable Crop Production*. 13(1):10-20.
10. M. M. Ali., M. N. H. Sani., M. Arifunnahar., **F. M. Aminuzzaman** and M. A. U. Mridha. 2018. Influence of Arbuscular mycorrhizal fungi on growth, nutrient uptake and disease suppression of some selected vegetable crops. *Azarian Journal of Agriculture* 5(6): 190-196.
11. M. Ahmed., N. N. Tonu., K. Hornaday., **F. M. Aminuzzaman.**, M. S. M. Chowdhury and M. R. Islam. 2018. Effect of chemical seed treatment and BAU-Biofungicide on Alternaria Blight (*Alternaria*

brassicae) of Mustard. Agricultural Sciences 9: 566-576.

12. **F. M. Aminuzzaman**, S. N. Jahan, J. Shammi, A. I. Mitu and X. Z. Liu. 2018. Isolation and screening of fungi associated with eggs and females of root-knot nematodes and their biocontrol potential against *Meloidogyne incognita* in Bangladesh. Archives of Phytopathology and Plant Protection. 51: 288-308. DOI: 10.1080/03235408.2018.1472359. (Taylor & Francis, IF: 0.560)
13. A. Marzana., **F. M. Aminuzzaman.**, M. S. M. Chowdhury., S. M. Mohsin and K. Das. 2018. Diversity and ecology of macrofungi in Rangamati of Chittagong Hill Tracts under Tropical Evergreen and Semi-Evergreen Forest of Bangladesh. Advances in Research. 13(5): 1-17.
14. M. Arifunnahar., M. A. U. Mridha and **F. M. Aminuzzaman.** 2018. Role of arbuscular mycorrhizal fungi on growth and nutrient uptake of cucumber. Bangladesh Agriculture 8(1): 15-22.
15. F. Begum., M. N. Islam., **F. M. Aminuzzaman** and M. R. Islam. 2017. Impact of seed infection level and plant density on the quality yield of wheat cv. Shatabdi. International Journal of Experimental Agriculture 7(3):19-33.
16. F. Begum., M. N. Islam., **F. M. Aminuzzaman** and M. R. Islam. 2017. Effect of seed infection level and population density on seedling infection and incidence of *Bipolaris sorokiniana* of wheat cv. shatabdi. International Journal of Sustainable Crop Production 12(3):22-30.
17. K. Akhter, M. Salahuddin M. Chowdhury and **F.M. Aminuzzaman.** 2017. Effect of sterilization of substrate by hot water treatment on prevalence of contaminants and yield attributes of oyster mushroom (*Pleurotus ostreatus*). Scholars Journal of Agriculture and Veterinary Sciences 4(11):464-471.
18. Most. Arifunnahar, Md. Momraz Ali, Rabiul Islam, Md. Amin Uddin Mridha and **F. M. Aminuzzaman.** 2017. Effect of arbuscular mycorrhizal fungi on growth and nutrient uptake of some vegetable crops. International Journal of Advanced Research. 3(3): 1-6.
19. K. Das and **F. M. Aminuzzaman.** 2017. Morphological and ecological characterization of xylotrophic fungi in Mangrove Forest Regions of Bangladesh. Journal of Advances in Biology & Biotechnology 11(4): 1-15.
20. H. Rubina, **F. M. Aminuzzaman**, M.S.M. Chowdhury and K. Das. 2017. Morphological characterization of macro fungi associated with forest tree of National Botanical Garden, Dhaka. Journal of Advances in Biology & Biotechnology 11(4): 1-18.
21. N. Nath, A. U. Ahmed and **F. M. Aminuzzaman.** 2017. Morphological and physiological variation of *Fusarium oxysporum* f. sp. *ciceri* isolates causing wilt disease in chickpea. International Journal of Environment, Agriculture and Biotechnology 2 (1): 202-212.
22. Salma Sarker, N. Sultana and **F. M. Aminuzzaman.** 2017. Biochemical Characterization of *Xanthomonas*

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- axonopodis* pv. *Malvacearum* Isolated from Infected Cotton Plant and It's in vitro Sensitivity against Some Selected Chemicals. *Advances in Research*. 11(4): 1-10.
23. Shahrar Ahmed Nayem, M. Salahuddin M. Chowdhury, **F. M. Aminuzzaman**, Belal Hossain and Sahadat Ali. 2017. Phytohormone-Induced Resistance against *Xanthomonas axonopodis* PV. *citrii* *Citrus aurantifolia*. *American Journal of Plant Sciences* 8: 1135-1147.
24. **F. M. Aminuzzaman** and K. Das. 2016. Morphological characterization of polypore macro fungi associated with *Dalbergia sissoo* collected from Bogra district under social forest region of Bangladesh. *Journal of Biology and Nature* 6(4): 199-212.
25. M. I. Hosen, Tai-Hui Li, **F. M. Aminuzzaman** and M. R. Islam. 2016. *Hygrocybe umbilicata* sp. nov., with first generic report for Bangladesh and its phylogenetic placement. *Phytotaxa* 280 (1): 070-076. (**Magnolia, IF: 1.230**)
26. K. Das, F. M. Aminuzzaman and N. Akhtar. 2016. Diversity of fleshy macro fungi in mangrove forest regions of Bangladesh. *Journal of Biology and Nature* 6(4): 218-241.
27. S. N. Rashid, **F. M. Aminuzzaman**, M. R. Islam, M. Rahaman and M. I. Rumanul. 2016. Biodiversity and distribution of wild mushrooms in the Southern Region of Bangladesh. *Journal of Advances in Biology and Biotechnology* 9(1): 1-25.
28. R. Parvin., **F. M. Aminuzzaman.**, M. S. Islam., N. Hasan., K. Begum and M. Z. K. Roni. 2016. In vitro efficacy of some fungicides, plant extracts and bio-agents against *Sclerotium rolfsii* and control of foot and root rot disease of betel vine. *International Journal of Business, Social and Scientific Research* 4(3): 211-220.
29. M. Rahaman., **F. M. Aminuzzaman.**, M. B. Hossain., S. N. Rashid and M. I. Rumanul. 2016. Biodiversity, distribution and morphological characterization of mushrooms in the south western region of Bangladesh. *International Journal of Advanced Research* 4(3): 60-79.
30. M. I. Rumanul and **F. M. Aminuzzaman**. 2016. Macro fungi biodiversity at the central and northern biosphere reserved areas of tropical moist deciduous forest region of Bangladesh. *Journal of Agriculture and Ecology Research International* 5(4): 1-11.
31. A. R. Sania., M. B. Hossain., **F. M. Aminuzzaman.**, P. S. Amith and S. M. Sydujjaman. 2015. Incidence and severity of brown spot (BS) and bacterial leaf blight (BLB) in hybrid and inbred rice varieties in Bangladesh. *AASCIT Journal of Biology* 1(4): 55-64.
32. M. I. Rumanul., **F. M. Aminuzzaman** and M. S. M. Chowdhury. 2015. Biodiversity and morphological characterization of mushrooms at the tropical moist deciduous forest regions of Bangladesh. *American Journal of Experimental Agriculture* 8(4): 235-252.
33. K. Begum., N. Hasan., S. Khandker., **F. M. Aminuzzaman.**, M. Asaduzzaman and N. Akhtar. 2014.

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- Evaluation of brinjal cultivars (*Solanum melongena*) against root-knot nematode *Meloidogyne* spp. Applied Science Reports. 3(3):129-134.
34. A. N. Faruq., M. A. Rahman., **F. M. Aminuzzaman.**, M. M. Rashid and S. Hoque. 2014. In vitro evaluation of plant extracts against seed borne bacteria and fungi of hybrid rice. Applied Science Reports 4(2): 61-68.
35. M. N. Haider., M. R. Islam., **F. M. Aminuzzaman.**, H. Mehraj and A. F. M. Jamal Uddin. 2014. Micronutrient and fungicides management practices to control the *Alternaria* blight of mustard. Journal of Bangladesh Academy of Sciences 38 (1): 61-69.
36. M. N. Haider., M. R. Islam., **F. M. Aminuzzaman.**, H. Mehraj and A. F. M. Jamal Uddin. 2013. Laboratory bioassay of four fungicides against mycelial growth of *Alternaria brassicae*. International Journal of Business, social and Scientific Research 1(1): 6-8.
37. L. Laila., **F. M. Aminuzzaman.**, M. R. Islam., S. J. Rayhan and S. N. Tania. 2013. Evaluation of some wheat varieties against leaf blight (*Bipolaris sorokiniana*). J. Sher-e-Bangla Agricultural University 7(2): 1-6.
38. M. S. M. Chowdhury., **F. M. Aminuzzaman.**, N. N. Tonu and M. R. Islam. 2013. Effect of different levels of black pointed seeds on disease incidence, leaf blight severity and healthy seed production of wheat. International Journal of Agriculture Innovations and Research 2(3): 280-286.
39. M. M. Rahman., **F. M. Aminuzzaman** and M. S. M. Chowdhury. 2013. Physiological, cultural and morphological variation of *Bipolaris sorokiniana*. Journal of Experimental Biosciences 4(1): 55-62.
40. **F. M. Aminuzzaman.**, H. Y. Xie., W. J. Duan., B. D. Sun and X. Z. Liu. 2013. Isolation of nematophagous fungi from eggs and females of *Meloidogyne* spp. and evaluation of their biological control potential. Biocontrol Science and Technology 23(2):170-182. (**Taylor & Francis, IF: 1.010**)
41. T. A. Siddiquee, M. R. Islam, **F. M. Aminuzzaman**, A. N. Faruq and M. M. Islam. 2011. Efficacy of foliar spray with seven fungicides and a botanical to control scab (*Elsinoe fawcettii*) and dieback (*Colletotrichum gloeosporioides*) diseases of lemon. The Agriculturists 9 (1 & 2): 99-105.
42. K. H. Alam., M. M. Haque., **F. M. Aminuzzaman.**, A. N. F. Ahmmed and M. R. Islam. 2010. Effect of different fungicides and plant extracts on the incidence and severity of gray blight of mustard. Int. J. Sustain. Agril. Tech. 6 (8): 06-09.
43. L. Laila, **F. M. Aminuzzaman**, M. R. Islam and M. A. Islam. 2010. Reaction of some wheat varieties to *Bipolaris sorokiniana*. IJBSM 1(3): 210-212.
44. A. Hossain, M. R. Islam, **F. M. Aminuzzaman** and R. Akter. 2010. Management of sheath blight (*Rhizoctonia solani*) of rice through selected chemicals and soil amendment. The Agriculturists 8 (1): 133-137.

45. **F. M. Aminuzzaman**, I. Hossain and F. Ahmed. 2010. Cultural variation and pathogenicity of *Bipolaris sorokiniana* on wheat in Bangladesh. International Journal of Agriculture, Environment and Biotechnology Vol. 3 (1): 93-98.
46. L. Laila, **F. M. Aminuzzaman**, M. R. Islam, M. A. Islam and M. A. Rahman. 2010. Varietal reaction of leaf blight of wheat. Int. J. Sustain. Agril. Tech. 6 (10): 18-21.
47. M. M. Islam, M. R. Islam, **F. M. Aminuzzaman**, A. N. Faruq and T. A. Siddiquee. 2010. Efficacy of fungicides and plant extracts on management of anthracnose (*Colletotrichum capsici*) of chilli (*Capsicum annuum* L). The Agriculturists 8 (1): 1-9.
48. R. Zaman, **F. M. Aminuzzaman**, M. R. Islam and S. R. Chowdhury. 2010. Eco-friendly seed treatments in controlling black point (*Bipolaris sorokiniana*) of wheat. Int. J. Sustain. Crop Prod. 5(3): 35-42.
49. S. R. Chowdhury, **F. M. Aminuzzaman**, M. R. Islam and R. Zaman. 2010. Effect of different levels of seed infection by *Bipolaris sorokiniana* on leaf blight severity, grain formation, yield and subsequent seed infection of wheat. International Journal of Agriculture, Environment and Biotechnology 3(2): 219-224.
50. H. Y. Xie, **F. M. Aminuzzaman**, L. L. Xu, Y. L. Lai, F. Li and X. Z. Liu. 2010. Trap induction and trapping in eight nematode-trapping fungi (Orbiliaceae) as affected by juvenile stage of *Caenorhabditis elegans*. Mycopathologia 169: 467-473. (Springer, IF: 2.452)
51. R. Zaman, **F. M. Aminuzzaman**, M. R. Islam and S. R. Chowdhury. 2009. Ecofriendly management of leaf blight (*Bipolaris sorokiniana*) of wheat. American Eurasian Journal of Sustainable Agriculture 3(3): 597-603.
52. R. Panna., **F. M. Aminuzzaman**, M. R. Islam and M. H. M. B. Bhuyan. 2009. Evaluation of some physical seed treatments against *Bipolaris sorokiniana* associated with wheat seeds. Int. J. Sustain. Crop Prod. 4(6): 40-44.
53. D. Yesmin, N. Akhtar, **F. M. Aminuzzaman** and M. T. Islam. 2009. Effect of black pointed seeds of different severity grades on leaf blight (*Bipolaris sorokiniana*) severity and grain yield of wheat. Intl. J. BioRes 6(1): 51-56.
54. S. R. Chowdhury, **F. M. Aminuzzaman** and M. R. Islam. 2009. Effect of different levels of seed infection by *Bipolaris sorokiniana* on quality and health of wheat (*Triticum aestivum* L.) seed. Bangladesh Journal of Agriculture 34 (2): 23-29.
55. S. Yesmin, **F. M. Aminuzzaman**, M. R. Islam and M. T. Islam. 2008. Effect of four fungicides on the incidence of black point of wheat. Bangladesh J. Seed Sci. & Tech. 12(1): 65-68.
56. M. M. Rahman, M. A. Islam, **F. M. Aminuzzaman** and M. R. Islam. 2008. Effect of seed treatment with

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- some botanicals on seedling growth and severity of *Bipolaris* leaf blight (*Bipolaris sorokiniana*) of wheat. J. Sher-e-Bangla Agric. Univ. 2(2): 30-33.
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59. D. Yesmin, N. Akhtar, **F. M. Aminuzzaman** and M.T. Islam. 2008. Effect of black pointed seeds of different severity grades on seedling vigour, grain formation and black point (*Bipolaris sorokiniana*) development of wheat. Eco-friendly Agril. J. 1(4): 226-231.
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61. T. Islam., M. R. Islam., **F. M. Aminuzzaman** and S. Yesmin. 2007. Management of damping off of vegetable seedlings through some selected chemicals and soil amendments. J. agric. Sci. technol. 8(1&2): 95-99.
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66. **F. M. Aminuzzaman**., S. Sharmin and I. Hossain. 2007. Evaluation of wheat genotypes against *Bipolaris sorokiniana* pathotype MS-HS-2-6 causing leaf blight disease. Journal of Subtropical Agriculture and Rural Development 5(2) : 221-226.
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73. M. M. Rahman., M. A. Islam., **F. M. Aminuzzaman** and M. R. Islam. 2006. Antifungal activity of indigenous plant extracts against *Bipolaris sorokiniana*. J. agric. educ. technol. 9(1&2): 101-106.
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81. F.Ahmed, I Hossain and **F. M. Aminuzzaman**. 2003. Effect of different pathotypes of *Bipolaris sorokiniana* on leaf blight severity and yield contributing characters of wheat cv. Kanchan inoculated at maximum tillering stage. Pakistan Journal of Biological Sciences 6(7): 693-696.
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20. Short communication

1. **F. M. Aminuzzaman.**, S. Sharmin and I. Hossain. 2007. Field evaluation of some wheat genotypes against leaf blight (*Bipolaris sorokiniana*). Bangladesh Journal of Agriculture 32(2):85-88.

21. Book and book chapter publication

1. S. Sarker, N. Sultana and **F. Aminuzzaman**. 2017. Biochemical Characterization of *Xanthomonas axonopodis* pv. *malvacearum* isolated from infected cotton plant and it's in vitro sensitivity against some selected chemicals. Current Research in Science and Technology. Chapter 10. Vol. 3. 114- 124.
2. M. A. U. Mridha, M. S. Alam and **F. M. Aminuzzaman**. 2012. Arbuscular Mycorrhizal Fungi and Crop Growth: Growth, Nutrient Uptake and Disease Control of Legumes. Lap Lambert Academic Publishing, Germany.
3. D. Yesmin, N. Akhtar and F. M. Aminuzzaman. 2012. Black pointed wheat seeds and leaf blight (*Bipolaris sorokiniana*) severity. Lap Lambert Academic Publishing, Germany.

22. Abstract

1. **F.M. Aminuzzaman**, S. N. Jahan, J. Shammi, A. I. Mitu and X. Z. Liu. 2015. Screening of fungi associated with eggs and females of root-knot nematodes in Bangladesh and their biocontrol potential.VI International Conference on Environmental, Industrial and Applied Microbiology from October 28 to October 30, 2015, University of Barcelona, Spain, supported by The world Academy of Sciences (TWAS, Italy).
2. **F. M. Aminuzzaman**, J. Shammi and X. Z. Liu. 2014. Evaluation of root-knot nematode suppression by a biocontrol agent *Purpureocillium lilacinum*, a chemical nematicide fosthiazate and their combination in eggplant. A paper presented on 2014 TWAS symposium, Institute of Microbiology, Beijing, P. R. China.
3. **F.M.Aminuzzaman** and X.Z.Liu. 2011. Biological control potentiality of *Paecilomyces lilacinus* newly recorded from Bangladesh. A paper presented on 2011 TWAS-ROESEAP symposium on industrial biotechnology, Towards a bio-based economy of developing countries, August 26-30, 2011, Beijing, China.

4. **F.M. Aminuzzaman.**, J. Shammi and X.Z. Liu. 2011. Dose response of granular formulation of biocontrol agent *Paecilomyces lilacinus* against root knot (*Meloidogyne* spp.) of brinjal and tomato. A poster presented on 2011 TWAS-ROESEAP symposium on industrial biotechnology, Towards a bio-based economy of developing countries, August 26-30, 2011, Beijing, China.
5. **F. Aminuzzaman**, W.J. Duan, H.Y. Xie and X.Z. Liu. 2009. Biological control of the root-knot nematode *Meloidogyne incognita* by alginate pellets of *Paecilomyces lilacinus* and *Pochonia chlamydosporia*. *Journal of Nematology* 41 (4), 302-302.
6. Mridha, M.A.U., Akhtar, B., Saha, N.K. and **Aminuzzaman, F.M.** 2008. Role of Arbuscular Mycorrhiza in crop growth in arsenic amended soil. A poster was presented in the 20th New Phytologist Symposium, University of Aberdeen, Scotland, U.K. 26-27 June, 2008.
7. **F. M. Aminuzzaman** and I. Hossain. 2006. Pathotype variation of *Bipolaris sorokiniana* on wheat in Bangladesh. International Symposium on Agriculturally Important Microorganisms: Conservation, Utilization, Bioremediation and Ecological Significance. 23-25 February, 2006. Indian Mycological Society, Department of Botany, University of Calcutta, Kolkata. India, P.6.

23. Report

1. **F. M. Aminuzzaman.** 2008. Potentiality of plant extracts in controlling leaf blight (*Bipolaris sorokiniana*) of wheat. The Third Biennial Report of the Sher-e-Bangla Agricultural University Research System (SAURES, 2006-2007), Sher-e-Bangla Agricultural University, Dhaka P.21.
2. **F. M. Aminuzzaman.** 2005. Effect of indigenous plant extracts on *Bipolaris sorokiniana* and seedling growth of wheat. The Second Biennial Report of the Sher-e-Bangla Agricultural University Research System (SAURES, 2004-2005), Sher-e-Bangla Agricultural University, Dhaka. P. 14.

24. My Thesis

1. **Postdoc.** 2009: Biological control of root knot nematodes. Key Laboratory of Systematic Mycology and Lichenology, Institute of Microbiology, Chinese Academy of Sciences, Beijing, P.R.China.
2. **Ph.D** 2005: Induction of resistance to wheat against leaf spot (*Bipolaris sorokiniana*). Department of Plant Pathology, BAU, Mymensingh, Bangladesh.
3. **M.S.** 1999: Comparative effect of recommended and yield targeted fertilizer application on leaf spot (*Bipolaris sorokiniana*) and grain formation of wheat. Department of Plant Pathology, BAU, Mymensingh, Bangladesh.

25. Computer Skills

- Skilled on all forms of computer operating system such as Windows, Microsoft Word and Excel, Access, Multimedia, & Internet Browsing, ” Also skilled in SPSS, STATA and MSTAT-C Computer Packages for Data Analysis.

26. Referee

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Signature



Date of Signing

28.07.2020
Day / Month / Year