# Bangladesh Journal of Plant Pathology

(Bangladesh J. Plant Pathol.)

Research Journal of Bangladesh Phytopathological Society (BPS)

Volume 39 No 1 & 2 2023

#### **Editorial Board**

**Prof. Dr. Mohammed Amin Uddin Mridha**Chief Editor

#### Prof. Dr. F. M. Aminuzzaman

**Executive Editor** 

Dr. Ashraf Uddin Ahmad	Member
Prof. Dr. M. Salahuddin Mahmood Chowdhury	Member
Prof. Dr. Md. Motaher Hossain	Member
Dr. Md. Iqbal Faruk	Member
Prof. Dr. Rashidul Islam	Member
Prof. Dr. Md. Mohidul Hasan	Member
Dr. Sayed Mohammad Mohsin	Member
Dr. Hamizuddin Ahmed	Member
Dr. Md. Lutfor Rahman	Member

Address for correspondence: Price of each volume

**Executive Editor** 

Bangladesh Journal of Plant Pathology
Department of Plant Pathology
Individual
Tk. 500.00
US\$ 10
Sher-e-Bangla Agricultural University
Institution
Tk. 1500.00
US\$ 25

Sher-e-Bangla Nagar, Dhaka, Bangladesh

E-mail: aminsaupp@yahoo.com

## **Bangladesh Phytopathological Society**

<b>Executive Commit</b>	tee
President:	Prof. Dr. Abdul Mannan Akanda
	Ex-Vice Chancellor, Bangabandhu Sheikh Mujibur Rahman Agricultural University
	(BSMRAU), Gazipur and Exim Bank Agricultural University of Bangladesh (EBAU),
	Chapainawabgonj & Univeristy Grants Commission (UGC) Professor.
Senior Vice	Dr. Md. Matiar Rahman
President:	CSO & Head, Plant Pathology Division, Bangladesh Agricultural Research Institute
i resident.	(BARI), Gazipur.
Vice President:	Prof. Dr. Md. Atiqur Rahman Khokon
vice i resident.	Department of Plant Pathology, Bangladesh Agricultural University (BAU), Mymensingh.
Treasurer:	Dr. Md. Salim Mian
Ticasurci.	PSO, Plant Pathology Division, Bangladesh Rice Research Institute (BRRI), Gazipur.
General Secretary:	Prof. Dr. M. Salahuddin Mahmood Chowdhury
General Secretary.	
I ' ( C ) 1	Department of Plant Pathology, Sher-e-Bangla Agricultural University (SAU), Dhaka.
Joint Secretary-1:	Dr. Md. Iqbal Faruk
	PSO, Plant Pathology Division, Bangladesh Agricultural Research Institute (BARI),
T 1 1 0	Gazipur-1701.
Joint Secretary-2:	Prof. Dr. Mohammad Shahjahan Monjil
0.00	Department of Plant Pathology, Bangladesh Agricultural University (BAU), Mymensingh.
Office Secretary:	Dr. Md. Siddiqur Rahman
	SSO, Plant Pathology Division, Bangladesh Agricultural Research Institute (BARI),
	Gazipur.
Members:	Dr. Tahmid Hossain Ansari
	CSO and Head, Plant Pathology Division, Bangladesh Rice Research Institute (BRRI), Gazipur.
	Dr. Md. Muzahid-E-Rahman
	SSO, Bangladesh Agricultural Research Institute (BARI), Burirhat, Rangpur.
	Prof. Dr. Md. Jihad Parvez
	Department of Plant Pathology, Patuakhali Science & Technology University (PSTU),
	Patuakhali.
	Prof. Dr. Md. Motaher Hossain
	Department of Plant Pathology, Bangabandhu Sheikh Mujibur Rahman Agricultural
	University (BSMRAU), Gazipur.
	Prof. Dr. F. M. Aminuzzaman
	Department of Plant Pathology, Sher-e-Bangla Agricultural University (SAU), Dhaka-1207.
	Prof. Dr. Md. Mahmodol Hasan
	Department Agronomy & Agricultural Extension, Rajshahi University, Rajshahi.
	Prof. Dr. Md. Mohidul Hasan
	Department of Plant Pathology, Hajee Mohammad Danesh Science & Technology
	University (HSTU), Dinajpur.
	Prof. Dr. Md. Rezaul Islam
	Department of Agrotechnology, Khulna University, Khulna.
	Prof. Dr. Abdul Muqit
	Department of Plant Pathology, Sylhet Agricultural University (SAU), Sylhet.
Ex-Officio Members:	Prof. Dr. Ismail Hossain
	Department of Plant Pathology, International University of Business Agriculture and
	Technology (IUBAT), Uttara, Dhaka.
	Prof. Dr. Md. Shakhawat Hossain
	Ex. Director (Research), Bangladesh Agricultural Research Institute (BARI), Gazipur.
Distinguished	Dr. Ismail Hossain Miah
Members:	Ex-Treasurer, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur.
THE THOUSE	Prof. Dr. Mohammed Amin Uddin Mridha
	Ex-Vice Chancellor, Pabna University of Science & Technology, Pabna
	LA THE CHARGENOI, I ADIA OTHERSTRY OF SCIENCE & TECHNOLOGY, I ADIA

### **CONTENT**

SL No.	Title and Author Name	Page No
1	Investigation of maize diseases in Dinajpur and Nilphamari districts of Bangladesh	1-7
	Md. Mobinul Islam, Md. Ahsan Habib, Md. Murad Hossain, Most. Aynun Nahar, Md.	
	Muzahid-E- Rahman and Md. Mohidul Hasan	0.12
2	Assessment of Bipolaris leaf blight (Bipolaris sorokiniana) incited yield loss of some	8-13
	selected wheat varieties in Bangladesh Md. Ahsan Habib, Md. Mobinul Islam, Shahin Alom, Kiswar-E-Mustarin and Md. Mohidul	
	Hasan	
3	Morphological and biochemical characterization of Xanthomonas citri pv. citri causing	14-24
	citrus canker, and its <i>in vitro</i> control using botanicals	
	F. Begum, M. S. M. Chowdhury and F. M. Aminuzzaman	
4	Evaluation of chitosan for the management of Rhizoctonia root rot and	25-38
	southern blight of tomato	
	N. Lubna, R. Jannat, M. M. Hossain, M. T. Rubayet, F. Tasnim and M. Z. Kamal	
5	In vitro assessment of the efficacy of organic acids against Botrytis gladiolorum causaing	39-44
	gladiolus leaf blight	
	M. A. Rahaman, M. S. M. Chowdhury, M. R. Islam, N. Sultana, M. R. Ali, N. Akhter and F. M. Aminuzzaman	
6	Determination of the effective management components at production stage against	45-52
0	Ralstonia solanacearum causing brown rot of potato in Bangladesh	43-32
	Mohammad Enayet-E-Rabbi, Sayed Mohammad Mohsin, F. M. Aminuzzaman, Nazneen	
	Sultana, Humayun Kabir and M. S. M. Chowdhury	
7	Eco-friendly management of fruit rot disease caused by Phomopsis vexans in eggplant	53-60
	for seed production	
	Asif Noor, Md. Rafiqul Islam, Abu Noman Faruq Ahmmed, Sayed Mohammad Mohsin and	
	Sougata Saha	
8	Fungi associated with anthracnose of chilli fruits and in vitro control of Colletotrichum	61-67
	capsici using plant extracts	
0	Kamrur Rashid*, F. Begum, J. A. Mahmud, M. Islam and F. Ahmed	(0.72
9	Factors affecting the deterioration of onion in storage conditions A. Bahrain, M. S. M. Chowdhury, M. R. Islam, F. M. Aminuzzaman and M. R. Ali	68-73
10	An overview of mycotoxin in cereals	74-84
10	F. M. Aminuzzaman and J. F. Tanni	/4-04
11	2023 Acknowledgment of BJPP reviewers	85
11	F. M. Aminuzzaman	0.5
1	1 . 1/1. / HIMINGEAUHUH	