

***Journal of Mycology  
and  
Plant Pathology***

**Volume 52, 2022**

**Consisting of 418**

**and xi pages**

**Author Index and Subject Index**

## Title Index

### *Journal of Mycology and Plant Pathology*

<b>Volume 52 (1)</b>	<b>March 2022</b>
<b>Fungicides in managing phyto-fungal diseases: The changing scenario</b> – TS Thind	1
<b>Determination of predominant CLCuD Begomovirus species infecting cotton in Northwest India in the current conditions</b> – Manisha Duhan, Shruti Godara, UK Bhattacharyya, M Elangovan, Pradeep Kumar Rupesh Arora, Man Mohan, Vivek Kumar Khare, Supratik Palchoudhury and Kajal Kumar Biswas	12
<b>Molecular characterization and enzymatic activity of <i>Pichia kudriavzevii</i> isolated from <i>Cucumis sativus</i> of Malabar region of Kerala</b> – Anju Joseph and Chandra M	25
<b>Seed bacterization with fluorescent <i>Pseudomonas</i>: Enhancement of the activity of antioxidant enzymes in chickpea</b> – Rathod Parashuram, Toshy Agrawal and Anil S Kotasthane	32
<b>Characterization of fusarium wilt tolerance in cotton</b> – Rani D Nimbalkar, Vivek P Chimote, Subhash S Mehetre and Bhausahab D Pawar	44
<b>Efficacy of microbial bio-antagonists and fungicides against damping-off disease of chilli caused by <i>Pythium aphanidermatum</i> (Edson) Fitz.</b> – Ayana Chakraborty	55
<b>Effect of plant extract and organic amendments for the management of collar rot of cowpea and lentil</b> – Halima Khatoun, Subrata Dutta, Dharmappa D Chavan and Raju Das	63
<b>Morpho-anatomical characterisation of some wild mushroom from Baramulla, Jammu and Kashmir, India</b> – Shaista Yousuf, Wasim Sajad Malik, Nayeema Jan, Abdual Hamid Wani, Mohd Yaqub Bhat and Mohd Ashaq Malik	71
<b>Zariya: A mini hotspot of basidiomycetes fungi of Valsad district Gujarat India</b> – Hirali D Patel, Hitesh A Solanki and Dilip D Patel	81
<b>Effect of various organic supplements on mycelial growth, yield and biological efficiency of milky mushroom (<i>Calocybe Indica</i> P&amp;C)</b> – M Elangovan, V Gopinath, C Shanmugaraj and Mohan Kumar Biswas	89
<b>Comparative efficacy of biosar tricho, biosar tricho Hz and biosar trichotwin against blast disease of rice caused by <i>Magnaporthe grisea</i></b> – Madhumita Choudhury Basu and Manish Gupta	93
<b>Fungal population dynamics in vermicompost and NADEP compost</b> – KK Pandey	97
<b>Diseases of field, horticultural crops and their management – Volume I and II [English &amp; Hindi]</b> – P Rawal	102
<b>Volume 52 (2)</b>	<b>June 2022</b>
<b>Biogenic role of silicon in abiotic and biotic stress management in plants</b> – Lipa Deb and Pranab Dutta	103
<b>Seed, soil and mechanical transmission of viruses causing maize lethal necrosis in maize</b> – FK Gatunzi, WD Miano, D Mukunya, Luka Atwok, C Ngaboyisonga and LM Suresh	123
<b>Effect of sowing period and disease severity grades of cotton leaf curl disease (CLCuD) on phenotypic characters of the American cotton in Punjab</b> – Tapish Pawar, Rupesh Kumar Arora, Gurjeet Singh Walia and Sikha Sharma	135

<b>Volume 52 (2)</b>	<b>June 2022</b>
<b>Molecular marker based screening of resistance in promising Taro (<i>Colocasia esculenta</i> var. <i>antiquorum</i>) cultivars against <i>Phytophthora</i> blight</b> – Dharmappa D Chavan, Halima Khatoon and Jayanta Tarafdar	145
<b>Molecular characterization of <i>Lasiodiplodia mahajangana</i> Begoude, Jol. Roux &amp; Slippers: A new record to Indian mycoflora</b> – Rashmi Dubey and Amit Diwakar Pandey	151
<b>Integrated management of leaf blight of gerbera (<i>Gerbera jamesonii</i> Bolus ex. Hooker F) caused by <i>Botrytis cinerea</i> (Pers.; Fr.)</b> – Bishal Saikia, Nirmal Mazumder, Sailen Gogoi and Pranab Dutta	155
<b>Exploring the potentials of botanicals and bio-agents for seedling vigour and management of damping-off of tomato</b> – Ayana Chakraborty	172
<b>Biointensive management of leaf spot disease of turmeric, <i>Curcuma longa</i> L. caused by <i>Colletotrichum</i> spp.</b> – Madhusmita Mahanta, Pranab Dutta, T Rajesh, Jyotim Gogoi and Lipa Deb	184
<b>Effect of organic amendments, biofertilizer consortia and microbial antagonists on soil health and incidence of sheath rot disease</b> – Budha Bora and Bikram Borkotoki	193
<b><i>In vitro</i> and <i>in vivo</i> efficacy of fungicides against <i>Taphrina deformans</i> (Berk.) Tul.</b> – Vinay Kumar Kardam, AK Gupta, Arti Shukla, SK Sharma and Naveen Kumar	200
<b>Occurrence of new fungal diseases on medicinal plants of Kahikuchi campus, Assam Agricultural University, Guwahati, Assam</b> – Nirmal Mazumder	206
<b>Evaluation of different fungicides against loose smut (<i>Ustilago tritici</i>) of wheat</b> – Pradeep Kumar, SK Bairwa and JR Verma	212
<b>Volume 52 (3)</b>	<b>September 2022</b>
<b>Viability and infection potential of wheat powdery mildew pathogen (<i>Blumeria graminis</i> f.sp. <i>tritici</i>) conserved under different temperature regimes and conditions</b> – P Nallathambi, C Uma Maheswari, BAarthy, P Ravikumar, Santosh G Watpade and PL Kashyap	215
<b>Development of rapid novel detection assay for <i>Dickeya dadantii</i> based on loop-mediated isothermal amplification</b> – Sujata Singh Yadav, Yogendra Singh and Anshul Arya	233
<b>Biotic stress (Cotton Leaf Curl Virus Disease) affects the biochemical components and trichomes in cotton crop in Punjab, India</b> – Rupesh Kumar Arora, Prinka Goyal, Jasreet Kaur and Manpreet Singh	241
<b>Effect of abiotic factors on the development of wet bubble disease (WBD) caused by <i>Mycogone pernicioso</i></b> – Kanika Mahajan, Anil Rao, Sunil Kumar and Ambrish Kumar Mahajan	252
<b>Integrated management of bean anthracnose caused by <i>Colletotrichum lindemuthianum</i></b> – Arun Chandra Jha, Sonika Jamwal, Reena, Parmendra Singh and AP Singh	258
<b>Study on seed-borne fungi of <i>Vigna sinensis</i> during storage</b> – Deepti Sharma	261
<b>Abstract of ISMPP 41<sup>st</sup> Annual Conference and National e-Symposium on “Innovative Approaches in Plant Health Management” at University of Horticultural Sciences, Bagalkot from 28-30 January, 2021</b>	269

Volume 52 (4)	December 2022
<b>Studies on spore biology and epidemiology of late blight of potato caused by <i>Phytophthora infestans</i></b> – Subham Dey, Ashis Chakraborty, Sanjeev Sharma, Subrata Dutta and Nayan Kishor Adhikary	333
<b>Diversity and characterization of rhizosphere mycobiome of medicinal plant halobiont <i>Trillium govanianum</i> growing in Kashmir Himalayas</b> – Zahar Sultan, Meesa Jan, Abdul Hamid Wani, Waseem Sajad Malik and Mohd Yaqub Bhat	346
<b>Efficacy of fungicides and bioagents against tomato wilt caused by <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i></b> – Sunita, Amit Trivedi, Pokhar Rawal, Suresh Kumar and R K Fagodiya	356
<b>Synthesis and testing of rapid water dispersible tablet formulation of <i>Trichoderma viride</i></b> – Satharla Sailaja and Lalit Mahatma	365
<b>Fungicides for the management of blight and powdery mildew of cumin</b> – L K Chhata, P Rawal, J R Verma and Riya Arya	374
<b>The genus <i>Agaricus</i> from Mount Abu, Rajasthan, India</b> – R Chouhan, C Panwar and S Kaur	380
<b>Cultural, morphological and pathogenic variability of <i>Colletotrichum gossypii</i> causing anthracnose of cotton</b> – Nilima Makwana and Pokhar Rawal	395
<b>Evaluation of antimicrobial activity of ethyl acetate extract of <i>Euphorbia nerifolia</i> Linn. plant</b> – Shashilata Pal, Shail Bala Singh Baghel and Shweta Hingwasiya	405
<b>Nutrient alteration study on coriander infected with <i>Alternaria poonensis</i> Raghunath</b> – Dongre Mayur Arun	409
<b>Assessment of Forest and Garden Waste Substrates on Performance Potential of <i>Ganoderma lucidum</i></b> – Rajneesh Kumari Sharma, Dushyant Singh Chauhan and Dharmesh Gupta	414
<b>Title Index</b>	ii
<b>Author Index</b>	v
<b>Subject Index</b>	vi
<b>Guidelines for Manuscript Preparation and Submission</b>	vii
<b>ISMPP Membership Application Form</b>	xi

**Author Index**  
**Volume 52 (1 to 4), 2022**

Aarthy B	215, 285, 290	Balodi R	302	Chavan D D	63, 145
Abdul Kareem M	304	Balol G	284, 313	Chetia R	322
Adhikari S K	281	Banerjee A	290	Chhata L K	374
Adhikary N K	333	Barnwal M K	294, 328	Chikkanna G S	330
Aditya	308, 309	Basavaraj K	283, 291	Chimote V P	44
Aggarwal R	292	Basavarajappa M P	277, 284, 289, 316	Chinthan K N	332
Agrawal T	32	Basu M C	93	Chiranjeevi N	304
Aishwarya S	297, 323	Benjamin J	300	Choudhary B	328
Ajjappalavar P S	304	Bhanwar R R	289	Chouhan R	380
Allolli T B	304	Bharti S	284	Chouhan T	310
Amarananjundeshwara H	285, 312	Bhat A S	323, 331, 332	Daivasikamani S	312, 314
Amaresh H	323	Bhat I A	320	Das I K	328
Amaresh Y S	326	Bhat M Y	71, 346	Das R	63
Ambika D S	289, 330	Bhatia J N	308	Daunde A T	331
Angadi A P	305	Bhattacharyya U K	12	Deb B	323
Anitha T	282, 296	Biradar B D	286, 287	Deb L	103, 184
Anoranjitham S K	331	Biradar M S	278	Desh Raj Shri Bharati	276
Anusha B	316	Biradar S	321	Devana P	281
Appu H K	288	Biswas K K	89, 280	Devappa V	272, 291, 321
Archana S	282	Biswas S K	291, 297	Devi D	293, 296, 307
Archana T	277, 284, 307 316	Bora B	193	Devi J	304
Arora A	327	Bora L C	294, 301	Devi P	326
Arora R K	135, 241	Bora P	294	Dey S	333
Arya A	233	Bora P K	322	Dhadeech A	301
Arya R	374	Borah M	323	Divya S	293
Aswathanarayana D S	326	Borah P K	294	Dobhal A	301
Athoni B K	283, 286, 287, 332, 286	Borkotoki B	193	Dongre M A	409
Atwok L	123	Bunker R N	301	Dubey R	151
Babar S	287	Buttar	299	Duhan M	12
Babu C S V	293	Chakraborty A	55, 172, 333	Dutta P	103, 155, 184
Bag M K	290	Chandel S	303	Dutta S	63, 276, 278, 333
Baghel S B S	405	Chandra M	25	Dwivedi S	308
Baig K S	331	Chandrashekar G S	299, 312	Edke P D	286, 287, 332, 283
Bairwa R K	298	Channaveeresh P	285	Ekabote S D	313
Bairwa S K	212	Chaubey A K	315	Elangovan M	12, 89
Bakode S	328	Chauhan A	296	Evoor S	289
		Chauhan D S	414	Fagodiya R K	356

Gadade T P	313	Hegde R	310	Kashyap P L	215
Gahlot V S	297	Hegde V	314, 324	Kaur J	241
Gatunzi F K	123	Hegde Y R	278, 284, 303, 316, 317	Kaur S	380
Geetika	299	Hingwasiya S	405	Kaur Y	327
Ghatak A	284	Hiremath I G	317	Kavitha T R	303
Ghatanatti S	321	Hiremath S	285, 326	Kavya B S	303
Gholve V M	313	Hosamani J	288, 309	Kerakalamatti M	309
Ghorai A K	325	Hosmath J A	277, 298	Khadiri M	292
Ghuman R S	329	Hubballi M	291, 299, 321	Khan F	323, 316
Gireesha D	277, 298	Huilgol S H	317	Khan P	301
Giri M S	312, 314	Huilgol S N	284	Khare U K	321
Godara S	12	Jahagirdar S	301	Khatoon H	63, 145
Gogoi J	184	Jain D	274	Khokhar M K	302
Gogoi R	275, 283	Jamwal S	258	Kirankumar K C	302
Gogoi S	155	Jan M	346	Koshik M K	301
Goldar S	276	Jan N	71	Kotasthane A S	32
Gopinath V	89	Jarial K	309	Koulagi S	307
Gowda A P M	325	Jarial R S	309	Krishnamoorthi R	304
Goyal P	241	Jash S	278	Krishnamoorthi S	305
Gunasekaran M	326	Jaya Lakshmi S K	326	Krishnamoorthy A S	271, 306, 307
Gupta A K	200	Jayalakshmi R	310	Krishnaveni D	327
Gupta D	414	Jayappa J	285	Kudada N	294
Gupta M	93	Jayasudha S M	302	Kulkarni	310
Gupta P K	321	Jeberson M S	285	Kulkarni M S	331
Gupta S	295, 303	Jha A C	258	Kulkarni S	277, 298, 315, 321
Gupta S K	332	Jhaleghar J	320	Kumar D	297, 332
Gurav N P	283, 291	Jogaiah S	276, 280, 281, 282, 287	Kumar J	297
Gutha V R	279	Joseph A	25	Kumar K C K	277, 284, 289, 316, 320, 327
Hadimani A	331	Joshi A	301	Kumar K S M	317
Hadimani S	287	Joshi S M	276, 282	Kumar L	321
Hanchinamani C N	332	Kalyanasundaram A	295	Kumar N	200, 291, 297
Hariprasad B	329	Kammar M R	305	Kumar P	12, 212
Hariprasad K	318	Kanabur H L	288, 309	Kumar R	276, 294
Harish B S	317	Kannan R	310	Kumar S	252, 311, 330, 356
Harish S	302	Kansara S S	311	Kumar V K	200
Harshitha K N	331	Kantharaju V	323, 331	Kumari B	283, 286, 287, 332
Haveri N	318, 304, 319, 330	Kapadia C V	321	Kumari P	275, 283
Hegade V	320	Karthiba L	308	Kumawat G L	315
Hegde G M	274, 278, 284, 301, 316, 321	Karthikeyan G	293, 307, 308, 331		

Kumbar B	313	Mesta R K	273, 277, 284, 289,	Oviya R	277, 310
Kuppusamy P	296		302, 304, 309, 316, 320, 327	Padiwal N K	301
Kurubetta K	304	Meti S	327	Padmodaya B	327
Lakshmi A M	320	Miano W D	123	Pal S	405
Lingan R	295	Mirajkar K	301	Palanna K B	279
Lokesh R	311, 329	Mishra K K	315	Pandey A D	151
Machenahalli S	312, 314	Mogali S	284, 313, 316	Pandey K K	97
Mahajan A K	252	Mohan V	304, 305	Pandya J R	300, 321, 322, 324
Mahajan G	328	Mohanraj M	285	Panwar C	380
Mahajan K	252	Mohiddin F A	274	Paradkar V K	328
Mahanta M	184	Motagi B N	286, 287	Parashuram R	32
Mahapatra S D	290	Mukhopadhyay S	278	Patel A V	322
Mahatma L	365	Mukunya D	123	Patel D D	81
Mahendra K	275	Muniswamy S	326	Patel D R	321, 322
Mahendra M	304	Murali Sankar P	282, 296	Patel H D	81
Mahesh Y S	323	Muthamilan M	300	Patel J V	300
Maheshwarappa H P	291, 299,	Muthamizhan M	295	Patel R K	324
	320, 321, 329	Naganur S	310	Patel V	321
Maheswari U C	215, 285, 290	Nagaraj M S	325	Pathak S	276
Maiti D	290	Nagesh	279	Patil M B	271
Makwana N	395	Naidu B R T	294	Patil B	314, 324
Malathi V G	279	Naik B G	318	Patil H B	327
Malempati S S S	321	Naik G	329	Patil P V	277, 286, 287, 298
Malik M A	71	Naik K R	323	Patil S	318, 329
Malik W S	71, 346	Naik M K	314, 324	Patil Sneha R	272
Malviya D	306	Naik U	319, 330	Patroti P	328
Manasa T S	307	Nakkeeran S	275, 278, 282,	Paul D	306
Mandal S N	278		292, 300	Paul S	306
Mangrauthia S K	327	Nallathambi P	215, 269, 285, 290	Pawar B D	44
Manivannan N	326	Narayanaswamy H	314, 324	Pawar T	135
Manjunath B	286	Nataraj K H	331	Poonacha T T	284, 316
Manjunatha S E	324	Navale M D	313	Prabakar K	316
Manoranjitham S K	307, 308, 317	Nayak M S	326	Pradeep	329
Mastan A	293	Nayana H U	297, 323	Prasad P S	299, 312
Math G	284, 313	Neema S	321	Prasanya C	305
Mazumder N	155, 206	Ngaboyisonga C	123	Prashantha A	307
Meena R	312	Nikhil S R	284	Praveena R	320
Mehetre S S	44	Nimbalkar R D	44	Prema G U	283, 288, 318, 332
Mehetre S T	310	Nirmalakumari A	325	Premalatha K	310
Mehta N	283, 291	Nishani S	332	Priya I N	273

Priya R	290	Saikia B	155	Sindushree D R	278
Pruthviraj	313	Saikia S	294	Singh A P	258
Pujar P	331	Sailaja K	304	Singh B	302
Raghavendra B	282, 293, 295, 296, 304, 308	Sailaja S	365	Singh D	299, 315
Rahman M	294	Sajjan A S	288, 309	Singh G	332
Rajamanickam S	282	Sajjan U	291, 321	Singh J	315
Rajendran L	293, 307, 331	Samdur M Y	328	Singh M	241
Rajesh M	325	Sandhya G C	312	Singh N	299
Rajesh T	184	Sandipan P B	324	Singh R	295, 298, 312
Rakholiya K B	311, 329	Sangeetha C	306, 307	Singh R P	258
Ramakrishnan P R	326	Sangeetha C G	272	Singh S	273, 283, 291, 306
Ramamoorthy V	277, 310	Santhana Krishnan V P	307	Singh S K	302
Ramanagouda S H	302	Santhosh G P	288, 309	Singh U B	306
Ramanjineyulu P	327	Santosh	215	Singh Y	233
Ranjini A P	312, 314	Sarada R	304	Solanki H A	81
Rao A	252	Saranya R	303	Soregaon D	283, 332
Rao N S	312, 314	Saravanan R	292	Sornakili A	295, 296
Rath P C	290	Satapute P	275	Sreenayana B	278
Rathod V	332	Saxena A K	306	Sridhara S	314, 324
Rautela A	297	Sen K	276	Srinivas T	327
Ravichandra N G	303	Shankarappa K S	273, 285	Srinivasan R	304
Ravikumar K	329	Shanmugapackiam	282, 296	Sruthy M	311
Ravikumar P	215, 285	Shanmugaraj C	89	Subbiah S	295
Rawal P	274, 301, 356, 374, 395	Sharma A	325	Subramani N	298
Reddy B A	317	Sharma D	261	Subramanian K S	300
Reddy B R	327	Sharma J	270	Sudarshan G K	325
Reddy L	285	Sharma K K	328	Sudha A	325
Reddy S D K	297, 323	Sharma R K	414	Sudha M	312, 314
Reddy U	321	Sharma R N	315	Sudha S	305
Renukadevi P	292	Sharma S	135, 325, 328, 333	Sultan Z	346
Revadi N	313	Sharma S K	200	Sunita	356
Revanappa S B	284	Shashidhar K R	318, 319, 330	Sunkad G	281
Rodrigues B F	305	Sheela J	308, 317	Suresh K A	320
Roy B A	276, 278	Shivamurthy	281	Suresh L M	123
Roy B C	290	Shravani	289, 327	Sushamani K	304, 305
Rudresh D L	289, 302	Shukla A	200	Swetha B	320
Ruppavalli M V	300	Siddappa R	299	Tarafdar J	145
Sadhotra S	295	Sidhu H S	329	Tatikundalwar V R	331
Sahu P K	306	Simon S	300	Tejashwini N K	289
		Sindhu P P	300	Thakur R	296



Theradimani M	310	Vaikuntavasan P	298	Vijaykumar K N	310, 315
Thesiya M R	311, 329	Valarmathi P	322	Vishnuvardhana	299
Thind S K	327	Vamsikrishna G	326	Walia G S	135
Thind T S	1	Vandana	320	Wani A H	71, 346
Thiribhuvanmala G	316	Vastrad S M	286, 287	Waseem M A	327
Thodsare N	310	Venkataravanappa V	285	Watpad G	215
Thoke S	320	Venkatesh H M	310	Yadahalli K B	316, 323, 324
Thulasiram K	318, 319, 330	Venkateshalu	289	Yadav S S	233
Tomar M	296	Verma J R	212, 374	Yamunarani K	295
Trivedi A	356	Verma K	311	Yogananada S B	325
Trivedi M	306	Vetrivelkalai P	293	Yousuf S	71

## Subject Index

## Volume 52 (1 to 4), 2022

Abiotic and biotic stress	103	Cormels yield	145	Lignocellulolytic	414
Agaricales	380	Cotton	12	Loop -mediated isothermal amplification	233
Agro forestry wastes	414	Cotton isolates	395	Loose smut	212
Alternaria burnsii	374	Cotton leaf curl disease (CLCuD)	135	Macrofungi	380
Alternaria poonensis	409	Cotton leaf curl virus disease	241	Magnaporthe grisea	93
Anthracnose	258	Crop debris	97	Maize chlorotic mottle virus	123
Antimicrobial activity	405	Cucumis sativus	25	Malabar region	25
Antimicrobials	103	Cultural	395	Management	103, 184
Antioxidant enzymes	32	Cumin	374	Medicinal plants	206
Ascospores	200	Cymbopogon winterianus	172	Microbial bio-antagonist	55
Asexual morph	151	Damping-off	55	Microbiome	346
Basidiomycetes	81, 380	Defense	103	Molecular taggin	44
Begomovirus	12	Detection	233	Morpho-molecular	151
Binder	365	Dickeya dadantii	233	Morphology	395
Bio-active products	206	Disease severity grades	135	Muktakeshi	145
Bio-antagonists	172	Disease incidence	12, 356	Mushroom	252
Biochemical components	241	Disintegrator	365	Mycoflora	71
Biofertilizer consortia	193	Diversity	71, 81	Mycogone perniciosa	252
Biological efficiency	414, 89	Edibility	71	NADEP	97
Biological control	93	Enzymes	25	National park	151
Bio-pesticides	172	Erysiphe poligoni	374	Natural products	1
Biotic stresses	241	Euphorbia neriifolia	405	New modes of action	1
Blast	93	French bean	258	North Kashmir	71
Blastospores	200	Friability	365	Nutrients	409
Blumeria graminis		Fungi	97	Organic amendments	193
f.sp. tritici	215	Fungicide	55, 356, 374	Organic carbon	193
Botanicals	172, 155	Fungicide resistance	1	Pathogen	333
Botrytis blight	155	Fusarium oxysporum	44	Pathogenic bacterial strain	405
Bt cotton hybrids	135	Germination	215	Pathogenic variability	395
Calocybe indica	89	Gossypium arboreum	44	Peach leaf curl	200
Carbendazim	258	Hardness	365	Phyophthora taro leaf blight	145
Chemicals	155	High throughput screens	1	Phytopathological fungi	206
Chickpea	32	Incidence	184	Pichia kudriavzevii	25
CLCuD	12	Infection potential	215	Pseudomonas spp.	32
Collar rot	63	Inheritance	44	Pythium aphanidermatum	55
Colletotrichum	258	Integrated management	155	Pythium damping off	172
Colletotrichum gossypii	395	ITS	151	Red gram flour	89
Combinatorial synthesis	1	Leaf spot disease	184	Regulatory pressure	1
Conidia	215	Ligninolytic	414	Relative humidity	333
Coriander	409				

Rhizospheric soil	346	Sporulation	333	Viability	215
Rice	93	Storage conditions	215	Vigna sinensis	261
Sawdust	89	Storage seed-borne fungi	261	Virus variants	12
Scanning electronic microscope (SEM)	241	Sugarcane mosaic virus	123	Volatile compounds	63
Sclerotium rolfsii	63	Tablet formulation	365	Water disintegrating	365
Seed cotton yield	135	Taphrina deformans	200	Well diffusion assay	405
Seed treatment	212	Telia	145	Wet bubble disease	252
Sheath rot disease	193	Tomato	356	Wheat	32, 212
Silicon	103	Trichoderma	155, 184	Wheat powdery mildew	215
Soil application	55	Trichoderma spp.	93	Wheat bran	89
Soil drenching	172	Trichoderma viride	365	Whitefly	12, 241
Sowing period	135	Trillium govanianum	346	Wilt	44, 356
Sporangium	333	Turmeric	184	Yield	89
Spores	380	Ustilago tritici	212	Zoospore	333
		Vermicompost	97		

## Journal of Mycology and Plant Pathology

### Guidelines for manuscript preparation and submission

The Journal of Mycology and Plant Pathology welcomes original research papers on fundamental or applied aspects of mycology and plant pathology, short communications, new records, mini reviews, letters to the editor on relevant issues and book reviews. All manuscripts be written in English in double-line space. Manuscripts for a **Full Length Paper** should not normally exceed 20 pages, a **Short Communication** 6 pages and a **Mini Review** 20-25 pages, including tables and figures. Letters to the editor and book reviews should be brief and well focused, not more than a page.

**All authors of a manuscript must be members of ISMPP.**

**A certificate of agreement signed by all co-authors must be included to verify that they have been involved in planning and conduct of experiments and preparation of the manuscript, and agree with the content.**

#### Submission of Manuscripts

**Online Submission at [www.ismpp.org.in](http://www.ismpp.org.in) and/or**

Two printed copies and a soft copy (word file by e-mail) of the manuscript, and a certificate of agreement signed by all coauthors should be sent to:

#### The Managing Editor

Indian Society of Mycology and Plant Pathology  
Department of Plant Pathology  
Rajasthan College of Agriculture  
Udaipur 313 001, Rajasthan, India  
Email: [managingeditorjmpp@gmail.com](mailto:managingeditorjmpp@gmail.com)

#### General Instruction

##### Plagiarism Policy

“Articles will be checked for plagiarism and articles below 10% Similarity Score only shall be accepted for Publication. Authors are advised to run through their own plag check and must ensure their plagiarism free manuscript. In case of any plagiarism allegation in any form even in a published article, the investigation will follow under ICMJE and COPE Guidelines. If proven, the article shall be retracted and further necessary actions may be taken”.

##### Research Article

**Title.** It should be short and informative; do not include names of authors of taxa, and higher taxonomic categories and capitalize the first letter of each proper noun. It should be in bold letters.

**Authors and their affiliation.** Just below the title include author(s) name(s) in bold and their affiliations in italics. Include e-mail of the corresponding author.

**Abstract.** It should be of about 200 words in a single paragraph; include objective, brief experimental methods and major research findings.

**Key words.** Just below the abstract provide 5-6 key words in alphabetical order to supplement the title. These are used for abstracting and indexing the article.

**Citation.** Include a reference citation of the paper as normally done in Journal of Mycology and Plant Pathology (*J Mycol Pl Pathol*).

**Heading.** Primary headings should begin at the left margin. Usual primary headings are Materials and Methods, Results, Discussion or combined as Results and Discussion, Acknowledgement and References.

**Introduction.** Heading for introduction is **not** required. This should include brief statements on the research problem, brief review of relevant literature and the objectives of the research.

**Material and Methods.** Clearly and briefly mention all the materials, such as plant, seed, pesticides, chemicals, isolates and equipments and their sources used in the study. There is no need to describe in detail the well-known methods/protocols, simply cite the references. Describe the details only if a new method has been developed in the study. Provide details of experimental designs, data collection, and methods and tools used in data analysis. For clarity, describe each method under specific subhead.

**Results.** Briefly describe the results by referring to relevant tables and figures; clearly indicate treatments showing significantly superior results; do not elaborate non-significant results; do not repeat methodology; do not discuss or speculate any

implications. Present results under subheads for better clarity, if needed.

**Discussion.** This section should focus discussing major findings of the study and their implications in furthering knowledge and applications; how the results will contribute to enhance the effectiveness of a disease management practice, increase productivity and benefit growers, simplify the existing methods, development of a new method etc. Discuss and analyze the findings in relation to the stated objectives of the study, compare and contrast with available findings in literature and indicate any shortcomings, and future research needs.

**Results and Discussion.** In some cases, when the research problem is new and available literature is limited, Results and Discussion can be combined. Present results along with discussion under specific subheads in an orderly way and make a brief conclusion.

**Papers on routine activities, such as screening germplasm/breeding lines for disease resistance in the field and in vitro seed germination, inhibition tests or nutritional studies on pathogens will not be accepted.**

**Scientific names.** Italicize all generic names as commonly practiced for all scientific publications. Citation of nomenclatural authorities is useful at the first citation in the text, table and figure.

**Tables.** Make simple data tables with minimum rows and columns to fit on a page in portrait format. If numerical data sets are too small to construct a table they can be better described in the text. For each data set, units of measurement should be clearly mentioned. Certain data sets require transformation to bring homogeneity, such as arcsin for percentage data, before statistical analysis. Check with your statistician/ biometrician if the data sets require transformation. Numerical data results must be appropriately supported by proper statistical analysis. Levels of statistical significance (LSD/CD) that can be mentioned without further explanation are \* =  $P \leq 0.05$ , \*\* =  $P \leq 0.01$  or \*\*\* =  $P \leq 0.001$ .

**Illustrations.** Designate all illustrations - photographs, graphs and line drawings as figures and number them consecutively. A plate of drawings or photographs may be treated as one figure with letters for each element or as several figures with each figure

numbered consecutively. Provide figure legends consecutively, in a paragraph just after References. Figures should be designed properly to fit in single column (8.0 cm) or two columns (16.5 cm) width by 22.8 cm height.

**References.** All references cited in the text must be included under References. Make sure that the spelling of author's name and dates are correct both in the text and in the Reference list. Several references cited together in the text should be arranged chronologically. Publications by the same author(s) in the same year should be listed as 2012a, 2012b etc. References must be cited in the text as a sequence number (1, 2, 3 .... etc) of references included in reference section. Use the following system for arranging your references.

**For periodicals**

**Reddy SM.** 2004. Mycotoxigenic fusaria – incidence, toxicology and their management. *J Mycol Pl Pathol* 34: 695-710.

**Khan MA and Gangopadhyay S.** 2008. Efficacy of *Pseudomonas fluorescens* in controlling root rot of chickpea caused by *Macrophomina phaseolina*. *J Mycol Pl Pathol* 38: 580-587.

**Aggarwal R, Sharma V, Kharbikar L L and Renu.** 2008. Molecular characterization of *Chaetiminum* spp. using URP-PCR. *Gen Mol Bio* 31: 943-946.

**For edited symposia, special issues, etc. published in a periodical**

**Thombre PG and Madrap IA.** 1981. Review on pigeonpea breeding in Maharashtra. In: Proc Int Workshop on Pigeonpea. Vol 2, 15-19 Dec 1980, Int Crop Res Inst for Semiarid Tropics (ICRISAT), Patancheru, Hyderabad, India, pp 173-177.

**Krishnaveni D, Neeraja CN, Saivishnupriya K, Prasad GSV and Muralidharan K.** 2004. Micro satellite markers-based analysis reveals location of resistance genes to tungro virus. World Rice Conf. 5-7 Nov 2004. Tsukuba Int Cong Ctr, Tsukuba, Ibaraki, Japan, p361 (Abs).

**For books**

**Pathak V N.** 1980. *Diseases of Fruit Crops*. Oxford & IBH Publishing Company, New Delhi. 309pp.

**Nagarajan S and Muralidharan K.** 1995. *Dynamics of Plant Diseases*. Padma Publishers. B11/F2, HIG II, Baghlingampally, Hyderabad 500 044. 247pp.

**Bilgrami KS, Jamaluddin S and Rizwi MA.** 1991. *Fungi of India*. Today and Tomorrow Printers and Publishers, New Delhi. 798pp.

#### *For edited books*

**Vanky K.** 1987. *Illustrated Genera of Smut Fungi. Cryptogamic Studies* Vol 1. J Walter (Ed) Gustav Fischer Verlag Stuttgart. New York. 159pp.

**Muralidharan K and Siddiq EA.** (Eds) 1993. *New Frontiers in Rice Research*. Directorate of Rice Res, Hyderabad, India. 400pp.

#### *For a chapter in multi-author books*

**Sharma N and Srivastava S.** 2003. An appraisal of morphotaxonomic species diversity in *Corynespora* Gussow in Indian Sub-continent. In: *Frontiers of Fungal Diversity in India*. GP Rao, C Manoharachary, DJ Bhat, RC Rajak and TN Lakhanpal (Eds). International Book Distributing, Lucknow, India. 906pp.

#### *Online citation including URL or DOI*

**FAO.** 2004. FAO Statistical data, <http://faostat.fao.org/>

**Lawson W and Goulter K.** 2005. CRC for Tropical Plant Pathology, Australia URL: <http://www.lpp.uq.edu.au/>

#### *Abstracts, theses or dissertations*

**Verma RK, Soni KK, Sharma N and Jamaiddin.** 2004. Fungal diversity in forests of Satpura Plateau and Vainganga valley of central India. *J Mycol Pl Pathol* 34:972 (Abs).

**Binimol KS.** 2000. *Integrated management of Phytophthora rot in black pepper nursery*. M Sc

(Ag.) Thesis. Kerala Agricultural University, Thrissur, India. 105 pp.

#### *Short Communications*

Describe briefly the topic of investigation, materials and methods, results and discussion in different paragraphs without any headings/subheadings. Results must be appropriately supported by data tables and figures as required. Acknowledgement and references must be cited in text as done in a full paper. Keep references to the minimum. The total length should not exceed 6 pages.

#### *New Records*

Reports on new records of known pathogens will be accepted only when the crop is attacked by a pathogen for the first time in the country, but not in a state or a district. Wherever a new genus or species of pathogen is being reported, the authority for identification and the IMI, HCIO, ITCC, etc. for the type collection should be indicated. The report should be appropriately supported by tables, figures and references as required.

**Abbreviations and other useful hints.** Follow the CBI Style Manual for common abbreviations. Some of the commonly used abbreviations that do not need definition:

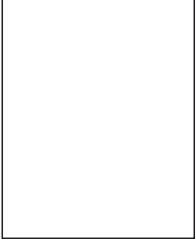
a.i. = active ingredient; ac = acre; avg = average; bp = base pair; cfu = colony forming units; cm = centimeter; cv. = cultivar; d = day; diam = diameter; Eq = equation; Exp = experiment; Fig = figure; g = gram; h = hour; ha = hectare; kg = kilogram; L = litre; m = meter; M = molar; mo = month; min = minute; nm = nanometer; no = number; ppb = parts per billion; q = quintal; rpm = revolutions per min; RH = relative humidity; s = second; sp., spp. = species (only after a genus); t = tone; temp = temperature; vs = versus; wk = week; yr = year; % = percentage.

For further details refer to the latest issue of *Journal of Mycology and Plant Pathology*.

Ph. 0294-2423792 Website: www.ismpp.org.in Email: secretaryismpp@gmail.com  
**INDIAN SOCIETY OF MYCOLOGY AND PLANT PATHOLOGY**  
 Department of Plant Pathology, RCA, MPUAT, Udaipur, 313 001 Rajasthan

**APPLICATION FORM FOR MEMBERSHIP**

**Member ship No.** \_\_\_\_\_ **Zone:** \_\_\_\_\_  
 (For office use)



**The Secretary/ Treasurer**  
 Indian Society of Mycology and Plant Pathology  
 Post Box No.154, Udaipur 313001 (Rajasthan)

Dear Sir,

Please enroll me as an Annual Member/Life Membership (30 years)/ Limited Life Membership (20 years/10 years) of the Indian Society of Mycology and Plant Pathology for the year 20\_\_\_. I am remitting Rs. \_\_\_\_\_ to cover the admission fee and Annual Membership fee /first/second installment for Life Membership (30 years)/ Limited Life Membership(20 years /10 years) by demand draft/cheque no/ NEFT \_\_\_\_\_, dated \_\_\_\_\_, Bank name \_\_\_\_\_.

Yours Faithfully,

Signature

Date \_\_\_ / \_\_\_ / \_\_\_\_\_

Name: \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Name (First)** \_\_\_\_\_ **(Middle)** \_\_\_\_\_ **(Last)** \_\_\_\_\_

**Complete Postal Address:** \_\_\_\_\_

**State** \_\_\_\_\_ **Pin** \_\_\_\_\_

**Email:** \_\_\_\_\_ **Mobile Number:** \_\_\_\_\_

Please Tick (✓)	Particulars	Membership Fee (2023)	
		India SAARC Countries (INR) and other developing countries	Developed countries (US\$)
	<b>Annual Membership(Calendar year)</b>		
	• For student*	1000*	120*
	• For Scientist/Teacher/RA/SRF/JRF/PDF	1500*	200*
	<b>Life membership</b>		
	• For 10 years	10,000*	500*
	• For 20 years	15,000*	750*
	• For 30 years	25,000*	1250*

\*Add Rs. 100 or \$ 10 for first time member admission fee. \*Institute certificate is required.

**Note:**

- Life Membership may payable in two equal installments within a calendar year.
- DD/Cheque may only be acceptable in the name of **Treasurer, Society of Mycology and Plant Pathology, Udaipur**, Payable at Udaipur, Rajasthan.
- Please add Rs. 50/- as clearance charges in case you are sending a cheque.

**Details for e-payment:** The ICICI Bank Ltd., Branch RCA, Udaipur Rajasthan, India, Account No. **693901418119**, **A/c Name: Society of Mycology and Plant Pathology, Udaipur**, Branch Code- 6939, MICR Code-313229014, IFSC Code- ICIC0006939, SWIFT Code-ICICINBBCTS