

Journal of Mycology and Plant Pathology

August 2008

Volume 38(2)

Presidential Address	151
Molecular pathology assisted agriculture growth in India - C. D. Mayee	
New records and taxonomy of Agaricales from north-western Himalaya - Upadhyay RC, Kaur A, Kumari D, Semwal KC and Gulati A.	158
Integrated management of tomato collar rot caused by <i>Sclerotium rolfsii</i> - Banyal DK, Mankotia V and Sugha SK.	164
Dissemination and distribution of uredospores of <i>Puccinia arachidis</i> over crop canopy - Das S and Chakraborty A.	168
Correlation between phenolic compounds and susceptibility of pear fruit cultivars to <i>Phacidio pycnis piri</i> - Sharma RL.	173
Effect of bio-regulators and plant extracts on the yield attributes and incidence of tomato leaf curl - Kumar K, Shabnaz E, Razdan VK and Tewari AK.	175
Management of leaf curl disease of chilli with leaf proteins of <i>Clerodendrum aculeatum</i> - Meena R, Patni V and Arora DK.	178
Integrated management of wilt of tomato caused by <i>Ralstonia solanacearum</i> - Biswas S and Singh NP.	182
Location and transmission of <i>Curvularia penicillata</i> in pearl millet - Singh A, Meena RL and Chattopadhyaya C.	185
Phosphate solubilizing bacteria increases soil availability and uptake of phosphorus and yield in gram (<i>Cicer arietinum</i>) and Indian bean (<i>Dolichos lablab</i>) - Solanky KU, Mehta BP and Sabalpara AN.	190
Boll rot pathogens and secondary invaders in cotton - Krishna A and Naik SL.	193
Histopathology of infection in bacterial blight disease of rice - Khare N, Kotasthane AS and Thrimurthy VS.	197
Histological evidence on penetration of host tissues of mungbean (<i>Vigna radiata</i>) by <i>Rhizoctonia solani</i> - Tiwari A and Khare MN.	200
Anatomical changes and development of Cecidomyiid leaf gall of <i>Quercus leucotrichophora</i>- Himalayan white oak - Mishra P and Patni V.	203
Some hitherto unrecorded macrofungi from India - Beig MA, Dar GH, Ganai NA and Qazi NA.	208

Biocontrol of core rot in kinnow fruits with bioagents including an unrecorded genus of yeast (<i>Sporidiobolus pararoseus</i>) -	Sharma RN, Maharshi RP and Gaur RB.	211
Immunodetection of <i>Aspergillus flavus</i> in stored seeds of cowpea, lentil and mungbean -	Chakraborty U, De P and Chakraborty B.	216
New and interesting records of basidiomycetous fungi from Ratanmahal wildlife sanctuary, Gujarat, India -	Arya A, Albert S and Nagadesi PK.	221
Screening of phosphorus solubilizing Aspergilli isolates from soils of north Bengal and their effects on soybean -	Chakraborty BN, Chakraborty U, Saha A, Dey PL and Sunar K.	227
Effect of single super phosphate on <i>Anabaenopsis</i> during <i>Spirulina</i> cultivation-	Verma R and Sarin R.	234
Effect of arbuscular mycorrhizal fungi on growth of <i>Artocarpus heterophyllus</i> and <i>Syzygium cumini</i> seedlings in iron ore mine rejects -	Bukhari MJ and Rodrigues BF.	238.
Management of cumin (<i>Cuminum cyminum</i> L) blight using fungicides -	Pipliya BH and Jadeja KB.	243.
Prevalence of anthracnose of guava in Punjab and its management -	Singh A, Verma KS and Mohan C.	245.
Integrated management of white mold of <i>Phaseolus vulgaris</i> with special reference to <i>Trichoderma</i> species -	Jha AK, Upadhyay JP, Lal HC and Kumar A.	249
An on-line ready-reckoner for soybean diseases -	Kolhe S and Gupta GK.	253
Molecular diversity in <i>Fusarium solani</i> associated with sissoo (<i>Dalbergia sissoo</i>) wilt assessed by RAPD DNA markers -	Arif M, Zaidi NW, Haq QMR and Singh US.	258
Seasonal variation in occurrence of competitor moulds during cultivation of <i>Pleurotus</i> species -	Chhata LK and Thakore BBL.	261
Cultural and pathogenic variability in <i>Lasiodiplodia theobromae</i> causing mango fruit rot -	Bhatt HR and Jadeja KB.	264
Morphological, cultural and physiological diversity in isolates of <i>Alternaria</i> spp. infecting Bt-cotton -	Ramegowda G and Naik, MK.	267
Incidence and management of seedling diseases in cotton with seed dressers -	Nikum R, Krishna A and Naik SL.	272
Changes in enzymes and proline levels in leaves of downy mildew resistant and susceptible pearl millet genotypes -	Mahatma MK, Bhatnagar R and Rawal P.	277
Efficacy of carbendazim in controlling competitor and parasitic moulds of white button mushroom (<i>Agaricus bisporus</i>) -	Katyal P, Khanna PK and Kapoor S.	282
Comparison of weather based models to predict rust of lentil on cultivar Sehore 74-3 -	Lal HC, Upadhyay JP, Jha AK and Kumar A.	287
Diversity of the pathogens inciting rhizome rot disease of ginger in Assam and Arunachal Pradesh -	Gogoi R, Nath HKD and Borah TR.	291
Jaggery enhances yield of paddy straw mushroom, <i>Volvariella volvacea</i> -	Sangeetha G, Prakasam V and Krishnamoorthy AS.	295

Pseudomonas fluorescens , a potential bioagent for the management of blast in <i>Eleusine coracana</i> -	298
Patro TSSK, Rani Ch and Kumar GV.	
Genetic variability and antagonistic potential of <i>Trichoderma harzianum</i> isolates against <i>Sclerotium rolfsii</i> - Lavanya K, Raju KS, Chandrasekhararao C and Raju CA.	301
Deployment of organic and inorganic amendments to manage rhizome rot of turmeric - Devi GU.	307
Inoculation method of <i>Pectobacterium carotovorum</i> sub-sp. <i>carotovorum</i> and factors influencing development of bacterial soft rot in radish - Raju MRB, Pal V and Jalali I.	311
Association of VA mycorrhizal fungi with some liverworts from Mount Abu, Aravalli Hills, Rajasthan, India - Arora S.	316
Management of bacterial leaf spot of grapes with antibiotics - Ravikumar MR, Jahagirdar S and Khan ANA.	320
Incidence of leaf spot of som (<i>Persea bombycina</i>) in relation to weather and chemical management - Ranjana Das and Das K	322
Biological control of mango fruit rot with fructoplane bacteria - Jadeja KB and Bhatt HR.	325
Evaluation of <i>Volvariella</i> species on paddy straw for yield potential and substrate degradation capacity - Kumari K, Dhanda S, Kapoor S and Khanna PK.	328
Impact of paper mill effluent irrigation on arbuscular mycorrhizal fungi in wheat (<i>Triticum aestivum</i>) - Chaubey AK, Singh HP, Singh SR and Shahi UP.	333
Short Communications	
Evaluation of sugarcane (<i>Saccharum officinarum</i>) genotypes for resistance to red rot disease - Kumar B.	337
Biochemical and nutritional changes in lentil leaves infected by rust (<i>Uromyces fabae</i>) - Lal HC, Upadhyay JP, Jha AK and Kumar A.	339
Antifungal potential of ethyl benzalcyanoacetate and its C-phenyl derivatives - Sidhu A, Sharma JR and Rai M.	341
A new report of rust on two ground orchids from India - Bag TK.	344
Assessment of foliage and fruit rot of chestnut due to <i>Sclerotium rolfsii</i> - Tiwari A and Sikarwar HPS.	346
<i>Periconia jabalpurensis</i> Tiwari and Agarwal- a new fruit rot pathogen of pear (<i>Pyrus communis</i>) - Khurshid-Ahmad, Sagar V and Khan NA.	349
Occurrence of French bean rust in Himachal Pradesh - Gupta SK, Jarial K and Manish K.	352
Occurrence and development of stag head of white rust in rapeseed-mustard in Jharkhand - Akhtar J, Lal HC and Kumar A.	354
A new report on root rot of <i>Jatropha curcas</i> caused by <i>Macrophomina phaseolina</i> from Gujarat, India - Patel DS, Patel SI and Patel RL.	356
In vitro culture of <i>Sphacelia sorghi</i> and production of conidial inoculum - Kartik S and Rajasab AH.	358

Evaluation of germplasm accessions for resistance to two pathotypes of sorghum leaf blight pathogen <i>Exserohilum turcicum</i> - Bunker RN and Mathur K.	361
Brown leaf spot disease by <i>Corynespora cassiicola</i> on papaya in Bay Islands - Jayakumar V, Amaresan N, Kannamma G, Rani GU and Rajalakshmi S.	364
Chemical control of die back disease of custard apple - Rakholiya KB, Jadeja KB, Mayani NG and Chheladiya KK.	367
Proteolytic enzyme activity of Aspergilli from usar soil - Soni S.	369.
Evaluation of fungitoxicants against <i>Hainesia lythri</i> causing leaf spot of strawberry - Badri Z A, Ghani M Y, Qazi N A, Shahzad A and Ashraf S.	371
<i>Tetramyxa</i> - a new genus record from India - Kavale TR and Patil MS.	373
Morphological and pathogenic variability of <i>Alternaria alternate</i> infecting senna (<i>Cassia angustifolia</i>) - Teterwal ML, Rai PK and Shekhawat KS.	375
Evaluation of elite cultures for resistance to bacterial leaf blight of rice - Laha GS, Singh R, Krishnaveni D, Sunder S and Dodan DS.	378
<i>Termitomyces eurhizus</i> completes entire life cycle on specific media under defined conditions - Kabitarani A and Bhagirath Th.	381
Screening of datepalm germplasm for resistance to <i>Graphiola</i> leaf spot - Rathore GS, Pal V and Godara SL.	383
Effect of hydro-cooling on storage rots of tomato - Sharma RL.	385
Varietal screening of wheat for resistance against powdery mildew (<i>Erysiphe graminis tritici</i>) - Rana SK and Sharma SK.	387
Performance of maize (<i>Zea mays</i>) genotypes against southern leaf blight disease caused by <i>Drechslera maydis</i> - Kumar P and Saxena P.	389
Correlation of Karnal bunt incidence with weather parameters - Singh D, Aggarwal P, Kumar R, Singh A, Thakur HL and Gartan SL.	392
Effect of combined bio-fertilizers on nodulation and grain yield in chickpea - Majumdar VL and Sharma K.	394
Evaluation of bioagents and phytoextracts against <i>Curvularia penneseti</i> in pearl millet - Singh A.	396
Screening of sugarcane varieties against red rot caused by <i>Colletotrichum falcatum</i> by different inoculation methods - Mishra MK	398
Management of <i>Sclerotinia</i> rot of Indian mustard with plant extracts and fungicides - Ghasolia RP and Shivpuri A.	400
<i>Macrophomina phaseolina</i> in clusterbean (<i>Cyamopsis tetragonoloba</i>) seeds and its control - Jaiman RK and Jain SC.	403
Effect of antagonistic yeast (<i>Candida</i> sp.) and packaging materials on physico-chemical characters and decay reduction in guava (<i>Psidium guajava</i>) - Lal AA, Basha RA, Pandey VK, Bashyal BM, Kamil D and Gupta P.	405
