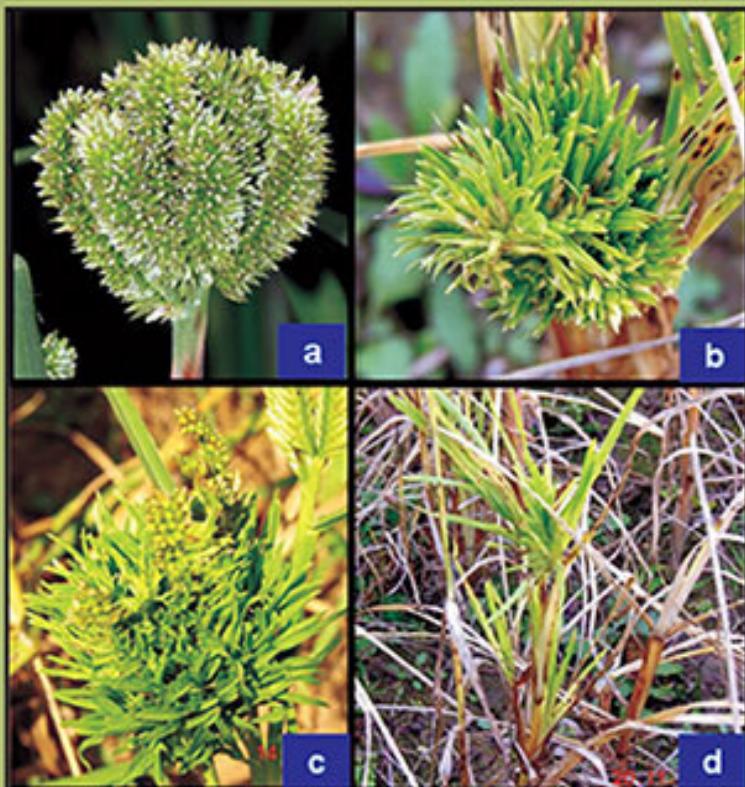


VOLUME 54
NUMBER 1
APRIL 2016

ISSN 0971-3719

JOURNAL OF MYCOPATHOLOGICAL RESEARCH



AN
OFFICIAL JOURNAL
OF THE
INDIAN MYCOLOGICAL SOCIETY

JOURNAL OF MYCOPATHOLOGICAL RESEARCH

VOLUME 54 NUMBER 1 APRIL 2016

CONTENTS

REVIEW

A. Nagaraja, Bijendra Kumar, A.K Jain and A.N. Sabalpara : Emerging

Diseases : Need for

Focussed Research in small millets

1

FULL LENGTH

Shikha Pahare and R. V. Shukla : Occurrence of keratinophilic fungi in paddy fields and infestation of field workers of Chhattisgarh, Central India

11

U. N. Bhale and V. S. Sawant : Mycorrhizal association of Solanaceous vegetables from vast Deccan Plateau Zone of India

19

A. Nagaraja, C.R. Ravishankar, H. R . Raveendra and K. S. Shubha Shree : Eco-friendly management of Foot rot of Ragi caused by *Sclerotium rolfsii* Sacc.

25

Sanchari Roy and Srikanta Das : Cultural, morphological and biochemical variations of *Alternaria* spcausing diseases on different vegetables

29

Rahul Sharma : Some keratinophilic fungi new to India

35

Atma Nand Tripathi : Occurrence of vascular wilt incidence in fibre crop of flax caused by *F. oxysporum* f. sp. *lini* Schlecht

41

B. Manjunath, Neetha Jayaram, B. M. Ravikumara, A. C. Kirankumar and H. K. Ramappa :

Physiological and nutritional studies on the growth and sporulation of *Colletotrichum lindemuthianum* (Sacc. & Magnus) Lams. Scri causing Anthracnose of Field bean *Lablab purpureus*

45

Mahendra Pal, Segni Shimelis, P.V. R. Rao, N. Samajpati and A.K. Manna : Rhinosporidiosis : An enigmatic pseudofungal disease of humans and animals

49

N. C. Sowjanya and C. Manoharachary : Carbon and nitrogen nutritional dynamics of *Microsporum gypseum* Bodin

55

Rajib Kumar De : Comparison of three methods (leaf, soil and stem) of inoculation for stem rot jute (*Corchorus olitorius* L. and *C. capsularis* L.) caused by *Macrophomina phaseolina* (Tassi) Goid.

59

Ayon Roy and Prateek Madhab Bhattacharya : Shelf life of *Trichoderma harzianum* in carrier and pellet based formulation

65

Ayon Roy : In vitro evaluation of some new fungicides against Blast and Sheath blight pathogens in rice

71

Shrawan Kumar, M.R. Dabbas, Omita Mishra and Sanjiv Kr. Singh : Effect of chemical management against Wilt disease of vegetable pea caused by *Fusarium oxysporum* f.sp. *pisi*

77

S. Sarkar, S.K. Beura, A. Nandi ,S. Das,S.K. Dash, N. Senapati, G. Pandeyand A. Patnaik :	
Management of Early Blight of Tomato (<i>Alternaria solani</i> Ellis and Martin) by chemicals and biocontrol agents under field condition	81
S. Sarkar , A. Nandi , S.K. Dash, N. Senapati, G. Pandey, S. Das and A. Patnaik	
: Bioefficacy of different fungicides along with bioagents against Chilli Anthracnose (<i>Colletotrichum capsici</i>) disease under field condition	85
Mahendra Pal : First mycological investigation of dermatophytosis in camels due to <i>Trichophyton verrucosum</i> in Ethiopia	89
Suchismita Chakraborty, Samir K. Mukherjee, Jayanta Tarafdar, and Sanjoy Guha Roy :	
Biocontrol and plant growth promoting activity of bacterial strain <i>Pseudomonas aeruginosa</i> KUCd1 in root rot disease of Chilli (<i>Capsicum sp.</i>) caused by <i>Phytophthora capsici</i> Leonian under in vivo conditions	93
Basudeb Dasgupta, Solanki Sarkar and Partha Datta : Variation in spore morphology and relative virulence among isolates of <i>Phytophthora parasitica</i> causing Foot rot and Leaf rot of betelvine (<i>Piper betle</i> L.)	101
Purushottum Kumar Mishra, Ruchi Garg, Awadhesh Bahadur Rai, Manish Vishwakarma and Sujoy Saha : Studies on the cultural and morphological variability among different isolates of <i>Alternaria brassicae</i> inciting Blight disease of cauliflower in Uttar Pradesh, India	105
Santoshreddy Machenahalli, V. B. Nargund, and S. Ravichandran : Host range, cross inoculation and interaction of <i>Colletotrichum capsici</i> with other Fruit Rot pathogens in Chilli	113
B. N. Chakraborty, U. Chakraborty, A. P. Chakraborty and P. Sashankar :	
Serological and molecular detection of <i>Bipolaris sorokiniana</i> Sacc. causing Spot blotch disease of wheat	117
B.N. Chakraborty, A. Acharya and U. Chakraborty : Biochemical changes in <i>Persea bombycina</i> following infection with <i>Colletotrichum gloeosporioides</i>	127
S. Maharana, S. K. Beura, Bhagyashree Khamari and S. R. Beura : Evaluation of antifungal potency of plant extracts, bioagents and fungicides against <i>Alternaria porri</i> (Ellis) Cif the incitant of Purple blotch of onion	135
SHORT COMMUNICATION	
A. Swain and B. Mishra : Studies on the Fungus associated with Eriophyid mite disease of coconut	141
Laxmi Rawat, A. Nagaraja and Arun Bhatt : First Record of Leaf Blast on Little Millet (<i>Panicum sumatrense</i> Roth ex Roemer and Schultes) from Mid Hills of Uttarakhand	145
N. C. Sowjanya and C. Manoharachary : In vitro Biological control of <i>Microsporum gypseum</i> Bodin	149
Mahendra Pal : First record of respiratory mycosis in chicks due to <i>Aspergillus fumigatus</i> in Debre Zeit, Ethiopia	151
Sahar Murmu, Subham Dey and Ashis Chakraborty : Studies on effect of intercropping on management of Early Blight of potato	155
S. K. Sarkar : Seed discolouration of jute and its impact on quality parameters	159
S.K. Sarkar, P. Bandopadhyay, S. Mukherjee, S. Debnath and Anupam Jana : Occurrence of Anthracnose (<i>Colletotrichum gloeosporioides</i>) in tossa jute	163

(*Corchorus olitorius*) in India

M. K. Rout, K. B. Mohapatra, J. K. Mohapatra and P. Mohanty : Influence of substrate, organic additive and seasonal effect on biological efficiency of *Lentinus sajor-caju* 167

B. N. Panja, A. De, M. Mandal and J. Saha : First report on Leaf Tip Blight disease of Tuberose (*Polyanthes tuberosa L.*) caused by new *Phoma* sp., *Phoma mondouriensis* from West Bengal 171