

ISSN 0971-9393 Print

ISSN 0975-4180 Online

# Journal of Mycology and Plant Pathology

Volume 49

Number 1 (1-110)

March 2019



**Indian Society of Mycology and Plant Pathology**

Maharana Pratap University of Agriculture and Technology

Rajasthan College of Agriculture, Post Box 154

Department of Plant Pathology, Udaipur-313 001

Rajasthan, India. [www.ismpp.org.in](http://www.ismpp.org.in)



## Contents



## Research Articles (Award Papers)

## K S Bilgrami Best Poster Award 2018 – Winner

- Xylem occlusion incited by endophytic bacteria leading to reduction of vase life in cut rose variety Taj Mahal – Sushmita Javalagaddi, S Nakkeeran and S Haripriya 1

## PR Verma PhD Award Paper 2017- Winner

- Morpho-pathogenic variability in *Albugo candida* isolates, causing white rust of indian mustard – K Basavaraj, A S Rathi, N P Gurav and Anil Kumar 12

## P R Verma M Sc Student Award Paper 2016 - Runner

- Effect of temperature, soil moisture and rhizo-microbiota of various crops influence survival and pathogenicity of *Sclerotium rolfsii* – Krishna Ray, Krishnendu Sen and Subrata Dutta 27

## Research Articles

- Expression analysis of pathogenesis related proteins induced by compatible and incompatible interactions of *Tilletia indica* in wheat plants – Prem L Kashyap, Satvinder Kaur and Pushpinder Pal Singh Panu 39

- Genetic diversity of *Fusarium oxysporum* f.sp. *ubense* as Revealed by 5.8s rRNA sequences and ISSR-PCR, the causal agent of *Fusarium* wilt of banana – Rajesh Kumar Ponnusamy, Rajesh Subramanian, Kavino Mathiazhagan and Kamalakannan Ayyanar 48

- Variability among *Rhizoctonia solani* inciting rice sheath blight from different agro-climatic zones of Telangana state – B Deepak Reddy, B Vidya Sagar, G Sridevi and V Prakasam 56

- Management of bacterial leaf spot of greengram caused by *Xanthomonas axonopodis* pv. *vignaeradiatae* – Manoj Choudhary, K Singh, M K Khokhar, P Rawal and R Shah 67

- Integrated management of pre-harvest fruit drop in kinnow mandarin (*Citrus nobilis* Lour x *Citrus deliciosa* Tenore) – RPS Dalal, Rajender Singh and Neeraj Pawar 73

- Integrated management of bacterial leaf blight (*Xanthomonas oryzae* pv. *oryzae*) in rice under sub-tropics of Jammu – A K Singh, Prem Chinabi Aryan, V B Singh and S K Singh 78

- Assessment the incidence and per cent infection of anthracnose (*Colletotrichum capsici*) in dry chilli fruit samples – RN Bunker and SG Mohammady 83