

# PLANT DISEASE RESEARCH

## VOLUME 33(2)

### CONTENTS

#### Mini Review

- Expression of disease resistance in *Brassica-Hyaloperonospora* host-patho system- a review 112  
*Naresh Mehta, G. S. Saharan and P.D. Meena*

#### Fungal Pathology

- Biological decomposition of coconut coirpith waste 142  
*M. Theradimani, S. Thangeshwari and S. Parthasarathy*
- Effect of soil solarization on population dynamics and disease causing potential of *Fusarium oxysporum* f.sp. *dianthi*, the incitant of Fusarium wilt of carnation 148  
*Savita Sharma and Harender Raj*
- Prevalence and biology of *Cercospora sojina* causing frogeye leaf spot disease of soybean in Himachal Pradesh 154  
*Priyanka Dogra, Amar Singh, D.K. Banyal and Vedna Kumari*
- Screening of chickpea genotypes for resistance against wilt (*Fusarium oxysporum* f. sp. *ciceri*) 162  
*B. D. S. Nathawat, Harshraj Kanwar, Virendra Kumar and Mahendra Partap*
- Status of Karnal bunt in Haryana 165  
*S.S. Jakhar, Sunil Kumar and Axay Bhuker*
- Prevalence, incidence and management of fruit rot of pears incited by *Acremonium kiliense* 168  
*Kishore Khosla*
- Evaluation of fungicides against bean rust (*Uromyces appendiculatus*) 174  
*Neeraj Sharma, Savita Sharma, S.K. Gupta and Monica Sharma*
- Evaluation of varietal resistance against almond scab (*Cladosporium carpophilum*) and its host range 180  
*Nassreen F. Kacho, Mushtaq A. Bhat and Khursheed Ahmad*
- Evaluation of soybean germplasm against charcoal rot, aerial blight and yellow mosaic virus disease in Madhya Pradesh 185  
*Pawan K. Amrate, Dinesh K. Pancheshwar and M. K. Shrivastava*

#### Bacteriology

- Characterization of *Ralstonia solanacearum* causing tomato bacterial wilt disease in Tamil Nadu and selection of potential antagonistic *Bacillus* spp. for its management 191  
*A. Balamurugan, M. Muthamilan, A. Kamalakannan, K. Sakthivel, A. Kumar, T. Arumugam, A. Shanthi and R.K. Gautam*

## Virology

|  |     |
|--|-----|
| Serological evidence of mixed infection of major apple viruses in wet and dry temperate zone of Himachal Pradesh<br><i>Neeraj Sharma, Anil Handa and Bhupesh Kumar Gupta</i>                   | 202 |
| Evaluation of pigeonpea genotypes against sterility mosaic disease under artificial inoculation conditions<br><i>Abhay Nath Roy and Birendra Kumar</i>   | 208 |
| Management of mosaic disease of chilli ( <i>Capsicum annuum</i> ) through host resistance and chemicals<br><i>Sonali Bhagat, Ranbir Singh, Sachin Gupta, Deepika Sharma and Dechan Choskit</i> | 213 |
| Insight into biophysical properties of <i>Pepper mottle virus</i> prevalent in Indian Punjab<br><i>Shikha Sharma, Abhishek Sharma and Santokh Singh Kang</i>                                   | 217 |

## Short Communications

|  |     |
|--|-----|
| First report of <i>Lasiodiplodia theobromae</i> causing dieback in tree bean ( <i>Perkia roxburghii</i> ) in Manipur<br><i>Bireswar Sinha, C. Lalhruaitluangi, Ph. Sobita Devi, R.K. Dilip Singh, A. Herojit Singh, K. Mamocha Singh and N. Amaresan</i> | 222 |
| Evaluation of summer squash germplasm against powdery mildew ( <i>Sphaerotheca fuliginea</i> )<br><i>Pooja Bharmara and S.K. Gupta</i>   | 225 |
| Abstracts of research papers - <i>National Symposium on Role of Plant Pathology in Empowering and Doubling Farmers' Income</i> held at ICAR Research Complex for NEH Region, Umiam, Meghalaya from October 25-27, 2018                                   | 227 |
| Proceedings of the General Body Meeting  | 270 |
| Author Index   | 275 |