

INDIAN PHYTOPATHOLOGY

Volume 58(2): 2005

CONTENTS

Fungal Pathology

- Nature of adult plant resistance in some *Triticum timopheevi* derivatives to pathotype 121 R63-1 of leaf rust – **R.K. Saritha, V.C. Sinha, S.M.S. Tomar and K.D. Srivastava** 129
- Transfer of resistance to floury leaf spot and bacterial blight in french bean from alien germplasm – **Ashok Kumar, R.P. Kaushal and Rajan Sharma** 136
- Phenolic composition and antifungal activity of culture filtrate of *Leptoxyphium axillatum* – **D.P. Singh, S. Maurya, O.M. Prakash and U.P. Singh** 143
- Genetic analysis for adult plant resistance to leaf rust in synthetic hexaploid wheats derived from *Triticum turgidum* (AABB) x *T. tauschii* (DD) – **R.B. Ram, S.S. Singh, Lal Ahamed M. and J.B. Sharma** 149
- Inheritance of resistance in wheat cultivars HD 2501, HD 2687 and HW 2004 to stem rust – **Atul Kumar, P. Bahadur and Ram Charan** 153
- Differentiation of Karnal bunt resistant and susceptible cultivars of wheat using RAPD – **Robin Gogoi, V.G. Malathi, K. Srinivasan and D.V. Singh** 157
- Seasonal population dynamics of vesicular arbuscular mycorrhizal fungi associated with *Tectona grandis* L. and *Dendrocalamus strictus* (Roxb.) Nees. – **Seema Sharma, Ashok Aggarwal, Vipin Parkash and R.S. Mehrotra** 163
- Integrated disease management of stalk rot of cauliflower – **Qais. K. Zewain, P. Bahadur and Pratibha Sharma** 167
- Management of pink disease of *Acacia* hybrid in high rainfall tract of Karnataka – **Parasurama Janagiri and S.T. Naik** 174
- Influence of weather conditions on dry root rot disease in chickpea – **Vijay Mohan, S.M. Prasad, M.K. Barnwal and N. Kudada** 180
- Evaluation of *Alternaria alternata* (Fr.) Keissler for biological control of *Trianthema portulacastrum* L. – **B. Bohra, B.N. Vyas, N.B. Godrej and K.B. Mistry** 184
- Management of mushroom pathogens through botanicals – **Mandvi Singh and R.P. Singh** 189

Mycology

- Studies on foliicolous fungi – XIX – **V.B. Hosagoudar** 194
- Diatrypoidiella* gen. nov. (Ascomycetes) from India – **C. Manoharachary, I.K. Kunwar and D.K. Agarwal** 205

Virology

- Management of Peanut bud necrosis disease through intercropping – **Gururaj Sunkad, P.V. Kenchanagoudar, V.B. Naragund and M.K. Naik** 207
- Response of commercially important papaya cultivars to papaya ringspot virus in eastern U.P. conditions – **Vimla Singh, G.P. Rao and K. Shukla** 212

Short Communications

Effect of epidemiological parameters on the development of Ascochyta blight of pea – Pushpinder P. Singh, Amit Wadhwa and K.S. Sandhu	217
Resting behaviour of some wheat cultivars against leaf rust under artificial epiphytotic conditions – V.S. Patil, S.N. Hasabnis, T.K. Narute, G.G. Khot and C.T. Kumbhar	221
Studies on carpogenic germination of sclerotia of <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary, causing Sclerotinia rot of Indian mustard – R.P. Ghasolia and Asha Shivpuri	224
Biological control of wilt of brinjal caused by <i>Fusarium oxysporum</i> with some fungal antagonists – Abdul Hamid Wani	228
Identification of sources of resistance against virulences of <i>Colletotrichum capsici</i> causing fruit rot of chilli (<i>Capsicum annuum</i> L.) – Mandeep Kaur, O.P. Sharma and P.N. Sharma	232
Bio-agents and neem based seed treatment for management of root- rot complex in cluster bean – R.S. Jatav and Kusum Mathur	235
Perennation of <i>Colletotrichum gloeosporioides</i> , a causal agent of anthracnose of custard apple – A.P. Gaikwad, D.M. Sawant and C.A. Nimbalkar	237
Efficacy of aqueous extract of <i>Citrus aurantifolia</i> (Kaghzi Neemboo) on Mortality and Hatching of <i>Meloidogyne incognita</i> – Ranjana Saxena and Shalini Gupta	240
Screening of rapeseed-mustard genotypes for resistance against Sclerotinia rot – R.P. Ghasolia and Asha Shivpuri	242
<i>Peziza pilifera</i> Cooke, a rare species of <i>Octospora</i> (Pezizales, Discomycetes) – K.B. Khare	243
Natural spread of <i>Papaya ringspot virus</i> to new areas: Occurrence in Coimbatore, Tamil Nadu – Jyoti Sharma, R.K. Jain, M. Ramiah and A. Varma	245
New Records	250
News	253