Role of Isozymes in Rust (Phakopsora pachyrhizi Syd.) Resistance in Soybean
R. AMMAJAMMA AND P.V. PATIL .................................................................1

Effect of Different Fungicides on Growth, Sporulation and Germination of Beauveria bassiana (Balsamo) Vuillemin–
AJAY KUMAR PANDEY AND K.R. KANAUJIA .............................................4

Effect of Cropping Systems and Nitrogen on Wilt Incidence, Fusarium udum Population and Its Antagonistic Fungi in Pigeonpea Rhizosphere–
V. BHARATHI AND K. CHANDRASEKHAR RAO ...........................................8

Study on Testing the Role of Micronutrients on Chlorotic Mottle (geminivirus) Disease Development in Frenchbean (Phaseolus vulgaris L.)–
ASHISH BOBADE, AVINASH CHAURASIYA AND SUBHASH KATARE ................12

Screening of Maize Germplasm Lines Against Helminthosporium maydis Nisicado and Miyake in Bihar–
DINESH RAI ..................................................................................................15

Persistence of Different Neem Based Pesticides Against Diamond Back Moth, Plutella xylostella Linn–
NEELAM YADAV, ASHOK KUMAR, RANJANA YADAV, RENU YADAV AND MANISH KUMAR .................17

Antifungal Activity of Medicinal Plants Against Chickpea Wilt Pathogen (Fusarium oxysporum f.sp. ciceri)–
A.S. ZAPE, A.V. ZOPE, P.A. DESHMUKH AND D.B. GAWADE..........................20

Seasonal Incidence of Leaf Webber, Diaphania pulverulentalis Hamps. on Mulberry in Kerala–
TOMY PHILIP AND S.M.H. QADRI ..................................................................24

In vitro Evaluation of Different Fungicides on the Mycelial Growth and Sclerotia Production of Sclerotinia sclerotiorum–
PHOOL CHAND, DINESH RAI AND S.N. SINGH ..............................................27

Juvenomimetic Effects of Neem Based Pesticide on The Diamond Back Moth (Plutella xylostella) Linn.–
NEELAM YADAV, ASHOK KUMAR, RANJANA YADAV, RENU YADAV AND MANISH KUMAR .................29

Efficacy of Fungicides and Bioagent Against Root Rot/Collar Rot of Soybean–
D.B. GAWADE, A.S. ZAPE, A.C. KHOTE AND V.R. WANKHADE .....................31

Efficacy of Fungicides Against Rhizoctonia bataticola Causing Wilt of Coleus forskohlii (Wild) Briq.–
R. AMMAJAMMA AND YASHODA R. HEGDE ...............................................34

Effect of the Arbuscular Mycorrhizae Glomus fasciculatum and Acaulospora laevis on Two Varieties of Triticum aestivum L.–
V.S. BHEEMAREDDY AND H.C. LAKSHMAN ...............................................36

Studies on Residues of Flufenzin and Fenpyroximate on Brinjal–
R.L. NAIK, V.D. KALE AND M.D. DETHE ..................................................41
Management of Freckle Leaf Spot Disease of Banana—N. THAMMAIAH, V.C. KANAMADI, A.M. SHIROL, M.S. KULKARNI AND B. SATHYANARAYANA REDDY .........45

A Survey on VAM Status in Roots of Some Medicinal Plants of Alipurduar, West Bengal—D. BHATTACHARYA, M.R. CHAKRABORTY, N.C. CHATTERJEE AND C. SENGUPTA .............................................48

Toxicity of Neem Based Pesticide Against Diamond Back Moth, *Plutella xylostella* Linn.—NEELAM YADAV, ASHOK KUMAR, RANJANA YADAV, RENU YADAV AND MANISH KUMAR ..........51

Influence of Biochemical Composition of Rice Leaf Sheaths on Sheath Rot Incidence—C. GOPALAKRISHNAN .................................................................53

Life Table Studies of *Helicoverpa armigera* (Hubner) on Chickpea—K.D. BISANE, D.M. KHANDE, V.K. BHAMARE AND S.R. KATOLE ............................................57

*In Vitro* Biocontrol Activity of *Methylobacterium Extorquens* Against Fungal Pathogens—R. POORNIAHMAL, S.P. SUNDARAM AND K. KUMUTHA ..................................................62

Efficacy of Fungicides and Bioagents Against *Colletotrichum gloeosporioides* Causing Blight In *Piper longum*—C.U. PATIL, A.S. ZAPE AND S.D. WATHORE ......................................................66

Effect of Different Pesticides on Incidence of Mungbean Yellow Mosaic Virus Incidence—D. GHOSH, S.K. LAHA AND N.K. BISWAS ...............................................................70

Efficacy of Fungicides for Managing Powdery Mildew of Mango—R.A. CHAVAN, V.D. DESHMUKH, S.V. TAWADE AND J.D. DESHMUKH .......................................................74

Bioefficacy of Liquid Formulation of *Verticillium lecanii* Against *Aphis gossypii*—B.P. CHAVAN, J.R. KADAM AND Y.S. SAINDANE .................................................................76


Evaluation of Mung Bean Genotypes Against Mung Bean Yellow Mosaic Virus (MYMV) in Pre and Post kharif Seasons Under Terai Agro-ecological Zone of West Bengal—N.K. BISWAS, S.K. LAHA AND D. GHOSH ........................................................................................85

Influence of Cucumber Mosaic Virus on Growth, Moisture and Dry Matter Content of Chilli (*Capsicum annuum* L.)—HENA, K.D. DWIVEDI, N.A. ANSARI AND J.P. TEWARI .............................................88

Response of IDM Practice in Conjunction With Indigenous Technical Knowledge for Managing Downy Mildew of Cucumber—M.R. DABBAS, NARENDRA SINGH AND D.P. SINGH ........................................................................91

Vesicular Arbuscular Mycorrhizal (VAM) Association With the Roots of Red Rot Resistant and Susceptible Varieties When Inoculated with *Colletotrichum falcatum* Went—CH. VARAPRASADA RAO AND M. SRINIVAS .................................................................94

Screening of Mungbean [*Vigna radiata* (L.) Wilczek] Germplasm Against Natural Infection of Plant Viruses—SANJAY SINGH AND L.P. AWASTHI ........................................................................96


Chemical Control of Sigatoka Leaf Spot (*Mycosphaerella musicola*) of Banana—PARESH PATEL .................................................................................................101
Sources of Resistance Against Sclerotinia Rot in Repeseed-Mustard—
PHOOL CHAND AND DINESH RAI ..................................................................................................................... 104

In vitro Evaluation of Fungicides, Botanicals and Bioagents Against Soybean Anthracnose Incited by Colletotrichum truncatum—
D.B. GAWADE, A.P. SURYAWANSHI, S.N. ZAGADE, A.G. WADJE AND A.S. ZAPE ................................................. 106

In vitro Efficacy of Fungicides and Bioagents Against Colletotrichum Blight of Betalvine—
C.U. PATIL, A.S. ZAPE AND B.S. CHACHARKAR ......................................................................................................................... 111

Detection of Total Phenols Relation to Red Rot Resistant and Susceptible Varieties of Sugarcane—
CH. VARAPRASADA RAO AND M. SRINIVAS ............................................................................................................. 114

Effect of Light, pH and Calcium Chloride on Seed-Borne Sarocladium oryzae in Rice—
C. GOPALAKRISHNAN ........................................................................................................................................ 117

Effect of Abiotic and Biotic Factors on Jassid and Fruit and Shoot borer in kharif Okra Crop—
J.B. YADAV, R.S. SINGH, H.P. SINGH AND AANJANI KUMAR SINGH ........................................................................................................... 122

In vitro Biological Management of Fusarium Wilt of Patchouli Caused By Fusarium solani—
SREEDEVI S. CHAVAN AND YASHODA R. HEGDE ................................................................................................. 126

Studies on Antifungal Properties of Essential Oil of Semecarpus anacardium Against Seed Mycoflora—
R.M. KADAM AND R.B. ALLAPURE ..................................................................................................................... 129

Management of Rhizoctonia Root Rot of Cauliflower Through IDM Practices—
M.R. DABBAS, D.P. SINGH AND J.R. YADAV ........................................................................................................ 131

A Review

Epidemiology and Management of Varroa Mite : A Review—
SURENDER KUMAR SHARMA AND ARUN KUMAR .............................................................................................................. 134

Research Note

Performance of New Hybrids of Okra [Abelmoschus esculentus (L.) Moench] For Yield, Yellow Vein Mosaic Virus and Fruit Borer—
G.N. PHAD, A.B. SURYAWANSHI, D.A. AGALE AND S.R. CHAVAN ...................................................................................... 143

Effect of Anthracnose on Fruit, Seed Development and Seeding Characters of Chilli—
D.G. HINGOLE AND B.P. KURUNDKAR ..................................................................................................................... 145

Popular Article

Lemon Grass–As a Insect Repellent and Aromatherapy—
TANIA CHAKRBORTY, TANMAYI TORNE, BHAGYASHRI PATIL, M.O. LOKHANDE AND B.A. AGLAVE ............ 147

(iii)