

Volume contents

Volume 112 No. 1 May 2005

Improvement and validation of a pea crop growth model to simulate the growth of cultivars infected with Ascochyta blight (<i>Mycosphaerella pinodes</i>)	1–12
C. Le May, A. Schoeny, B. Tivoli and B. Ney	
Regional and varietal differences in the risk of wheat seed infection by fungal species associated with fusarium head blight in Italy	13–21
D.A. Shah, N. Pucci and A. Infantino	
<i>Leptosphaeria maculans</i>, a fungal pathogen of <i>Brassica napus</i>, secretes a subtilisin-like serine protease	23–29
L.M. Wilson and B.J. Howlett	
Conduciveness of different soilless growing media to <i>Pythium</i> root and crown rot of cucumber under near-commercial conditions	31–41
D.J. van der Gaag and G. Wever	
Development of specific PCR primers for identification and detection of <i>Phytophthora capsici</i> Leon.	43–52
C. Silvar, J.M. Duncan, D.E.L. Cooke, N.A. Williams, J. Díaz and F. Merino	
Hydrogen peroxide localization and antioxidant status in the recovery of apricot plants from European Stone Fruit Yellows	53–61
R. Musetti, L.S. di Toppi, M. Martini, F. Ferrini, A. Loschi, M.A. Favali and R. Osler	
A new plant pathogenic sterile white basidiomycete from Australia	63–77
O. Vinnere, J. Fatehi, K. Sivasithamparam and B. Gerhardson	
<i>Short communications</i>	
Analysis of head and leaf reaction towards <i>Microdochium nivale</i>	79–83
J.M. Brennan, G. Leonard, B.M. Cooke and F.M. Doohan	
Attempts to eliminate <i>Candidatus</i> phytoplasma phoenicium from infected Lebanese almond varieties by tissue culture techniques combined or not with thermotherapy	85–89
L. Chalak, A. Elbitar, R. Rizk, E. Choueiri, P. Salar and J.M. Bové	
Book review	91–93

Volume 112 No. 2 June 2005

High incidence of <i>Pelargonium line pattern virus</i> infecting asymptomatic <i>Pelargonium</i> spp. in Spain	95–100
M. Alonso and M. Borja	
Spread of levan-positive populations of <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i>, the causal agent of olive knot, in central Italy	101–112
G. Marchi, C. Viti, L. Giovannetti and G. Surico	

Population structure of the rice sheath blight pathogen <i>Rhizoctonia solani</i> AG-1 IA from India	113–121
C.C. Linde, M. Zala, R.S.D. Paulraj, B.A. McDonald and S.S. Gnanamanickam	
Identification, incidence and characterization of <i>Fusarium proliferatum</i> on ornamental palms in Spain	123–131
J. Armengol, A. Moretti, G. Perrone, A. Vincent, J.A. Bengoechea and J. Garcia-Jiménez	
Luteoforol, a flavan 4-ol, is induced in pome fruits by prohexadione-calcium and shows phytoalexin-like properties against <i>Erwinia amylovora</i> and other plant pathogens	133–142
F. Spinelli, J.-B. Speakman, W. Rademacher, H. Halbwirth, K. Stich and G. Costa	
Predominance and association of pathogenic fungi causing <i>Fusarium</i> ear blight in wheat in four European countries	143–154
X.-M. Xu, D.W. Parry, P. Nicholson, M.A. Thomsett, D. Simpson, S.G. Edwards, B.M. Cooke, F.M. Doohan, J.M. Brennan, A. Moretti, G. Tocco, G. Mule, L. Hornok, G. Giczey and J. Tatnell	
Identification of the causal agent of pistachio dieback in Australia	155–165
E. Facelli, C. Taylor, E. Scott, M. Fegan, G. Huys, R. D. Noble, J. Swings and M. Sedgley	
Effects of summer fallow management on take-all of winter wheat caused by <i>Gaeumannomyces graminis</i> var. <i>tritici</i>	167–181
S. Ennaïfar, P. Lucas, J.-M. Meynard and D. Makowski	
Evaluation of compost amendments for suppressiveness against <i>Verticillium</i> wilt of eggplant and study of mode of action using a novel <i>Arabidopsis</i> pathosystem	183–189
E.J. Paplomatas, S.E. Tjamos, A.A. Malandrakis, A.L. Kafka and S.V. Zouvelou	
<i>Short communications</i>	
Satellite DNA-based species-specific identification of single individuals of the pinewood nematode <i>Bursaphelenchus xylophilus</i> (Nematoda: Aphelenchoididae)	191–193
C. Castagnone, P. Abad and P. Castagnone-Sereno	
Resistance to <i>Penicillium hirsutum</i> Dierckx in garlic accessions	195–199
P.F. Cavagnaro, A. Camargo, R.J. Piccolo, S. García Lampasona, J.L. Burba and R.W. Masuelli	

Volume 112 No. 3 July 2005

Root infection of sugar beet by <i>Cercospora beticola</i> in a climate chamber and in the field	201–210
J. Vereijssen, J.H.M. Schneider and A.J. Termorshuizen	
Maceration of plant tissue by fungi is inhibited by recombinant antipectinase antibodies	211–220
V. Manatunga, H. Sanati, P. Tan and P.A. O'Brien	
Interaction between tobacco Ribulose-1,5-biphosphate Carboxylase/Oxygenase large subunit (RubisCO-LSU) and the PVY Coat Protein (PVY-CP)	221–234
S. Feki, M.J. Loukili, R. Triki-Marrakchi, G. Karimova, I. Old, H. Ounouna, A. Nato, F. Nato, J.-L. Guesdon, P. Lafaye and A.B.A. Elgaai	
Evaluation of biocontrol preparations and plant extracts for the control of <i>Phytophthora infestans</i> on potato leaves	235–246
D. Stephan, A. Schmitt, S.M. Carvalho, B. Seddon and E. Koch	
A comparative assessment of potential components of partial disease resistance to <i>Fusarium</i> head blight using a detached leaf assay of wheat, barley and oats	247–258
R.A. Browne and B.M. Cooke	

Immunodetection of the replicative complex of <i>Barley yellow dwarf virus</i>-PAV <i>in vivo</i>	259–266
V.W. Fomitcheva, J. Schubert, F. Rabenstein and A. Habekuß	
Common resistance to different <i>Fusarium</i> spp. causing <i>Fusarium</i> head blight in wheat	267–281
Á. Mesterházy, T. Bartók, G. Kászonyi, M. Varga, B. Tóth and J. Varga	
<i>Short communications</i>	
Relationships between aflatoxin production and sclerotia formation among isolates of <i>Aspergillus</i> section <i>Flavi</i> from the Mississippi Delta	283–287
H.K. Abbas, M.A. Weaver, R.M. Zablotowicz, B.W. Horn and W.T. Shier	
<i>Brassica napus</i> plants infected by <i>Leptosphaeria maculans</i> after the third to fifth leaf growth stage in south-eastern Australia do not develop blackleg stem canker	289–292
S.J. Marcroft, M.R. Sosnowski, E.S. Scott, M.D. Ramsey, P.A. Salisbury and B.J. Howlett	
Impaired purine biosynthesis affects pathogenicity of <i>Fusarium oxysporum</i> f. sp. <i>melonis</i>	293–297
Y. Denisov, O. Yarden and S. Freeman	
<i>Book review</i>	299–300
P.W. Jones	

Volume 112 No. 4 August 2005

Molecular characterization of <i>Pythium</i> group F isolates by ribosomal- and intermicrosatellite-DNA regions analysis	301–310
V. Vasseur, P. Rey, E. Bellanger, Y. Brygoo and Y. Tirilly	
Antagonistic rhizoplane bacteria induce diverse morphological alterations in <i>Peronosporomycete</i> hyphae during <i>in vitro</i> interaction	311–322
A. Deora, Y. Hashidoko, M.T. Islam and S. Tahara	
SCAR-based PCR primers to detect the hybrid pathogen <i>Phytophthora alni</i> and its subspecies causing alder disease in Europe	323–335
R. Ioos, C. Husson, A. Andrieux and P. Frey	
A PCR-based assay for the detection and identification of <i>Pyrenochaeta lycopersici</i>	337–347
A. Infantino and N. Pucci	
Durability of natural and transgenic resistances in rice to <i>Rice yellow mottle virus</i>	349–359
F. Sorho, A. Pinel, O. Traoré, A. Bersoult, A. Ghesquière, E. Hébrard, G. Konaté, Y. Séré and D. Fargette	
Induction of oxidants in tomato leaves treated with DL-β-Amino butyric acid (BABA) and infected with <i>Clavibacter michiganensis</i> ssp. <i>michiganensis</i>	361–369
Ö. Baysal, Y.Z. Gürsoy, H. Örneke and A. Duru	
Improved PCR detection of potyviruses in <i>Allium</i> species	371–378
P. Lunello, D. Ducasse and V. Conci	
Sensitive detection of <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> on <i>Anthurium andreaeanum</i> by immunocapture-PCR (IC-PCR) using primers designed from sequence characterized amplified regions (SCAR) of the blight pathogen	379–390
M.H.R. Khoodoo, F. Sahin and Y. Jauferrally-Fakim	

Short communications

Use of a green fluorescent protein marker for studying splash dispersal of sporangia of *Phytophthora infestans* 391–394

S. Saint-Jean, A. Testa, S. Kamoun and L.V. Madden

Exceptional length of ITS in *Plasmopara halstedii* is due to multiple repetitions in the ITS-2 region 395–398

M. Thines, H. Komjáti and O. Spring

Volume contents 399–402

Author index 403–404