

CONTENTS

Special topics/Sujets spéciaux

In memoriam/À la mémoire de 257

Note – Bacteria and phytoplasmas/Bactéries et phytoplasmes

Utility of a loop-mediated amplification assay for detection of *Clavibacter michiganensis* subsp. *michiganensis* in seeds and plant tissues

J. Yasuhara-Bell, F. Baysal-Gurel, S. A. Miller and A. M. Alvarez 260

Detection and molecular characterization of ‘*Candidatus phytoplasma asteris*’ related phytoplasmas infecting canola in North Dakota

K. Chittem and L. E. Del Rio Mendoza 267

Disease control/Moyens de lutte

Efficacy of agricultural disinfectants on biofilms of the bacterial ring rot pathogen, *Clavibacter michiganensis* subsp. *sepedonicus*

R. J. Howard, M. W. Harding, G. C. Daniels, S. L. Mobbs, S. L. I. Lisowski and S. H. De Boer 273

Management of phytophthora blight (*Phytophthora capsici*) on vegetables in Ontario: some greenhouse and field aspects

R. F. Cerkauskas, G. Ferguson and C. MacNair 285

Epidemiology/Épidémiologie

Characterization of *Phytophthora infestans* populations in Canada during 2012

H. Alkher, M. R. Islam, C. Wijekoon, M. Kalischuk, L. M. Kawchuk, R. D. Peters, K. I. Al-Mughrabi, K. L. Conn, K. F. Dobinson, D. Waterer and F. Daayf 305

Pseudoperonospora cubensis and *P. humuli* detection using species-specific probes and high definition melt curve analysis

C. F. Summers, N. L. Adair, D. H. Gent, M. T. McGrath and C. D. Smart 315

Note - Epidemiology/Épidémiologie

Races of *Puccinia graminis* on barley, oat, and wheat in Canada in 2007 and 2008

T. Fetch, J. Mitchell Fetch and A. Xue 331

Genomics/Génomique

The Zn(II)2Cys₆ putative transcription factor is involved in the regulation of leucinostatin production and pathogenicity of the nematophagous fungus *Paecilomyces lilacinus*

F. Yang, H. Abdelnabby and Y. Xiao 342

Soilborne pathogens/Agents pathogènes telluriques

Temperature effects on the interactions of sugar beet with *Fusarium* yellows caused by *Fusarium oxysporum* f. sp. *betae*

K. M. Webb, T. Brenner and B. J. Jacobsen 353

Note - Soilborne pathogens/Agents pathogènes telluriques

Crop rotation effects on *Pratylenchus neglectus* populations in the root zone of irrigated potatoes in southern Alberta
T. A. Forge, F. J. Larney, L. M. Kawchuk, D. C. Pearson, C. Koch and R. E. Blackshaw 363

Note – Virology/Virologie

Molecular characterization of a *Strawberry mild yellow edge virus* isolate from Canada
X. Ma, H. Cui, M. Bernardy, L. Tian, P. Abbasi and A. Wang 369

Soilborne pathogens/Agents pathogènes telluriques

Races of *Phytophthora sojae* in Ontario, Canada, 2010–2012
A. G. Xue, G. Marchand, Y. Chen, S. Zhang, E. R. Cober and A. Tenuta 376

Disease report/Rapport des maladies

First report of pepper as a natural new host for *Tomato marchitez virus* in Sinaloa, Mexico
E. Camacho-Beltrán, R. Armenta-Chávez, J. L. Romero-Romero, M. A. Magallanes-Tapia, N. E. Leyva-López, M. Á. Apodaca-Sánchez and J. Méndez-Lozano 384

First report of *Phytophthora* crown and root rot of cherry caused by *Phytophthora palmivora* in eastern Turkey
Ş. Türkölmez, O. Çiftçi, Ç. U. Serçe and S. Derviş 390

Identification of *Pestalotiopsis clavispora* causing brown leaf spot on Chinese bayberry in China
L.-M. Lu, G.-Q. Chen, X.-R. Hu, D.-C. Du, Z.-X. Pu, A.-T. Peng and B.-P. Cheng 397