

CONTENTS

Symposium contribution/Contribution à un symposium

Fusarium mycotoxins: a trans-disciplinary overview

M. G. Bakker, D. W. Brown, A. C. Kelly, H.-S. Kim, C. P. Kurtzman, S. P. McCormick, K. L. O'Donnell, R. H. Proctor,
M. M. Vaughan and T. J. Ward

161

Building a protein-interaction network to study *Fusarium graminearum* pathogenesis

A. Mirmiran, D. Desveaux and R. Subramaniam

172

Exploring Genotype × Environment × Management synergies to manage fusarium head blight in wheat

B. L. Beres, A. L. Brûlé-Babel, Z. Ye, R. J. Graf, T. K. Turkington, M. W. Harding, H. R. Kutcher and D. C. Hooker

179

Lentil anthracnose: epidemiology, fungicide decision support system, resistance and pathogen races

L. Buchwaldt, E. Džananović and J. Durkin

189

The long path to understanding the host-pathogen interactions of *Colletotrichum lentis* on lentil

S. Banniza, R. Warale, J. Menat, A. Cohen-Skali, C. Armstrong-Cho and V. Bhadauria

199

Management of *Phytophthora sojae* of soybean: a review and future perspectives

A. E. Dorrance

210

Biochemistry and cell biology/Biochimie et biologie cellulaire

Effects of catechol on growth, antioxidant enzyme activities and melanin biosynthesis gene expression of *Rhizoctonia solani* AG-1 IA

S. Jiang, C. Wang, C. Shu, Y. Huang, M. Yang and E. Zhou

220

Epidemiology/Épidémiologie

Characterization of *Neofabraea actinidiae* and *N. brasiliensis* as causal agents of apple bull's-eye rot in southern Brazil

A. Bogo, C. C. Comparin, R. M. Valdebenito Sanhueza, P. Ritschel, R. T. Casa, F. N. Silva and S. E. Everhart

229

Occurrence of *Fusarium oxysporum* causing wilt on pepper in Mexico

S. Velarde-Félix, J. A. Garzón-Tiznado, S. Hernández-Verdugo, C. A. López-Orona and J. E. Retes-Manjarrez

238

First report of *Sclerotinia subarctica* in France detected with a rapid PCR-based test

C. Leyronas, C. Troulet, M. Duffaud, F. Villeneuve, M. Benigni, S. Leigneux and P. C. Nicot

248

Host-pathogen interactions/Interactions hôte-pathogène

Transformation of *Phomopsis asparagi* with green fluorescent protein using protoplasts

Y. Zhang, H. Qu, P. Zhao, L. Wu, J. Zhou, Y. Tang, S. Luo and G. Chen

254

Soilborne pathogens/Agents pathogènes telluriques

Detection and qPCR quantification of seven *Fusarium* species associated with the root rot complex in field pea

K. Zitnick-Anderson, K. Simons and J. S. Pasche

261

Effect of root infection by *Macrophomina phaseolina* on stomatal conductance, canopy temperature and yield of soybean

M. D. Doubledee, J. C. Rupe, C. S. Rothrock and S. G. Bajwa

272

Virulence and pathotype classification of <i>Plasmodiophora brassicae</i> populations collected from clubroot resistant canola (<i>Brassica napus</i>) in Canada <i>S. E. Strelkov, S.-F. Hwang, V. P. Manolii, T. Cao, R. Fredua-Agyeman, M. W. Harding, G. Peng, B. D. Gossen, M. R. McDonald and D. Feindel</i>	284
Bacteria and phytoplasmas/Bactéries et phytoplasmes	
Bacterial leaf spot of peach caused by <i>Xanthomonas arboricola</i> pv. <i>pruni</i> in China <i>B. L. Robe, C. Wang, Z. Zhang and S. Li</i>	299
Disease report/Rapport des maladies	
First report of gummy stem blight caused by <i>Stagonosporopsis cucurbitacearum</i> on cantaloupe in Thailand <i>W. Nuangmek, W. Aiduang, N. Suwannarach, J. Kumla and S. Lumyong</i>	306
<i>Alternaria</i> species infecting potato in southern China <i>J. Zhao, G.-P. Ma, Y.-Y. Liu and X.-H. Wu</i>	312
Abstracts/Résumés	
Alberta Regional Meeting, 2016/Réunion régionale de l'Alberta, 2016	318
Saskatchewan Regional Meeting, 2017/Réunion régionale de la Saskatchewan, 2017	319