

CONTENTS

Symposium contribution/Contribution à un symposium

Climate change and plant health: designing research spillover from plant genomics for understanding the role of microbial communities

K. A. Garrett, A. Jumpponen, C. Toomajian and L. Gomez-Montano 349

Climate change – impact on crop growth and food production, and plant pathogens

G. R. Dixon 362

Epidemiology/Épidémiologie

Differential accumulation of deoxynivalenol in two winter wheat cultivars varying in FHB phenotype response under field conditions

J. F. H. Nopsa, P. S. Baenziger, K. M. Eskridge, K. H. S. Peiris, F. E. Dowell, S. D. Harris and S. N. Wegulo 380

Modelling inoculum dispersal and Sclerotinia stem rot gradients in canola fields

I. S. Qandah and L. E. Del Rio Mendoza 390

Genetics and resistance/Génétique et résistance

Development of a reliable and rapid detached leaf assay to detect resistance to the fungal disease phomopsis leaf blight, caused by *Diaporthe toxica*, in *Lupinus albus*

R. B. Cowley, D. J. Lockett, J. D. I. Harper and G. J. Ash 401

Genetic diversity of *Cercospora sojina* revealed by amplified fragment length polymorphism markers

C. A. Bradley, A. Wood, G. R. Zhang, J. E. Murray, D. V. Phillips and R. Ming 410

Genomics/Génomique

Identification and analysis of genes expressed in the *Ustilago maydis* dikaryon: uncovering a novel class of pathogenesis genes

E. N. Morrison, M. E. Donaldson and B. J. Saville 417

Cloning and functional analysis of an endo-PG-encoding gene *Rrspg1* of *Rhizoctonia solani*, the causal agent of rice sheath blight

Y.-Q. Yang, M. Yang, M.-H. Li and E.-X. Zhou 436

Soilborne pathogens/Agents pathogènes telluriques

Characterization of *Pythium* spp. from soil samples in Illinois

Y. N. Jiang, J. S. Haudenshield and G. L. Hartman 448

Disease report/Rapport des maladies

First report of *Alternaria alternata* (Fr.) Keissler causing inflorescence blight in *Jatropha curcas* in Sinaloa, Mexico

M. D. L. A. Espinoza-Verduzco, M. E. Santos-Cervantes, E. Fernández-Herrera, M. G. Espinoza-Mancillas, J. A. Chávez-Medina, E. M. Bermúdez-Álvarez, A. L. Martínez-Ayala, J. Méndez-Lozano and N. E. Leyva-López 455

Identification of *Phoma macdonaldii* Boerema causing black stem of sunflower in China
B. Jianyu, X. Biao, D. Canxing, G. Qingyuan and W. Xiaoming

459

Abstracts/Résumés

Alberta Regional Meeting, 2011/Réunion régionale de l'Alberta, 2011

463