

Contents

Volume 41 November 2012 ISSN 0261-2194

- 1 Competitiveness of rice (*Oryza sativa* L.) cultivars against *Echinochloa crus-galli* (L.) Beauv. in water-seeded production systems
H. Mennan, M. Ngouajio, M. Sahin, D. Isik and E.K. Altop
- 10 Use of resistance elicitors to reduce Fusarium ear rot and fumonisin accumulation in maize
I.M. Small, B.C. Flett, W.F.O. Marasas, A. McLeod and A. Viljoen
- 17 Control of *Rhagoletis indifferens* using thiamethoxam and spinosad baits under external fly pressure and its relation to rapidity of kill and residual bait activity
W.L. Yee and D.G. Alston
- 24 Yield, development and quality response of dual-toxin Bt-cotton to manual simulation of damage by *Helicoverpa* spp. in Australia
B. Lu, S. Downes, L. Wilson, P. Gregg, K. Knight, G. Kauter and B. McCorkell
- 30 Evaluation of elevated bait trays for attracting blackbirds (Icteridae) in central North Dakota
G.M. Linz, J.B. Winter and W.J. Bleier
- 35 Economic returns from fungicide application to control husk spot of macadamia in Australia is influenced by spray efficiency, rates and costs of application
O.A. Akinsanmi and A. Drenth
- 42 Effects of in-season crop-protection combined with postharvest applied fungicide on suppression of potato storage diseases caused by oomycete pathogens
E. Gachango, W.W. Kirk and R. Schafer
- 49 Molecular resolution of the genetic variability of major viruses infecting sweet potato (*Ipomoea batatas* L.) in the province of KwaZulu-Natal in the Republic of South Africa
B.J. Sivparsad and A. Gubba
- 57 An effective integrated crop management strategy for enhanced maize production in tropical agroecosystems prone to gray leaf spot
H.J.F. Lyimo, R.C. Pratt and R.S.O.W. Mnyuku
- 64 Potential of weed species to serve as a reservoir for *Xanthomonas campestris* pv. *vitians*, the causal agent of bacterial leaf spot of lettuce
V. Toussaint, D.L. Benoit and O. Carisse
- 71 Transmission characteristics of Southern rice black-streaked dwarf virus by rice planthoppers
L. Pu, G. Xie, C. Ji, B. Ling, M. Zhang, D. Xu and G. Zhou

- 77 Spray deposition and distribution in a bay laurel crop as affected by nozzle type, air assistance and spray direction when using vertical spray booms
D. Foqué, J.G. Pieters and D. Nuyttens
- 88 Control of postharvest radish decay using a *Cryptococcus albidus* yeast coating formulation
X. Chen, J. Li, L. Zhang, X. Xu, A. Wang and Y. Yang
- 96 Automated weed control in organic row crops using hyperspectral species identification and thermal micro-dosing
Y. Zhang, E.S. Staab, D.C. Slaughter, D.K. Giles and D. Downey
- 106 Effects of long-term organic amendments and soil sanitation on weed and nematode populations in pepper and watermelon crops in Florida
M. Ozores-Hampton, R. McSorley and P.A. Stansly
- 113 A vertical spray boom application technique for conical bay laurel (*Laurus nobilis*) plants
D. Foqué, P. Braekman, J.G. Pieters and D. Nuyttens
- 122 Agronomic and economic effects of host resistance vs. fungicide control of barley powdery mildew in southern Sweden
S.-C. Hysing, H. Rosenqvist and L. Wiik
- 128 Comparison between single and duplex conventional PCR for detection of *Candidatus Liberibacter asiaticus*, the causal agent of citrus Huanglongbing disease in Thailand
S. Donnua, A. Paradornuwat, S. Chowpongpan and N. Thaveechai
- 134 Interactions of agrochemicals applied to peanut; part 1: Effects on herbicides
G.S. Chahal, D.L. Jordan, B.B. Shew, R.L. Brandenburg, A.C. York, J.D. Burton and D. Danehower
- 143 Interactions of agrochemicals applied to peanut; part 2: Effects on fungicides
G.S. Chahal, D.L. Jordan, B.B. Shew, R.L. Brandenburg, J.D. Burton, D. Danehower and A.C. York
- 150 Interactions of agrochemicals applied to peanut; part 3: Effects on insecticides and prohexadione calcium
G.S. Chahal, D.L. Jordan, R.L. Brandenburg, B.B. Shew, J.D. Burton, D. Danehower and A.C. York
- 158 IAPPS Newsletter
- 161 Calendar