



Crop Protection

Contents

Volume 117

March 2019

- Activated charcoal reduces pasture herbicide injury in vegetable crops
V. Singh, J. Masabni, P. Baumann, T. Isakeit, M. Matocha, T. Provin, R. Liu, K. Carson and M. Bagavathiannan
- Two sub-Saharan Africa 1 populations of *Bemisia tabaci* exhibit distinct biological differences in fecundity and survivorship on cassava
H. Mugerwa, M.E.C. Rey, F. Tairo, J. Ndunguru and P. Sseruwagi
- Evaluation of two unmanned aircraft systems as tools for protecting crops from blackbird damage
L.J. Wandrie, P.E. Klug and M.E. Clark
- Evaluation of the compatibility of entomopathogenic fungi and two botanical insecticides tondexir and palizin for controlling *Galleria mellonella* L. (Lepidoptera: Pyralidae)
F. Sohrabi, F. Jamali, S. Morammazi, M. Saber and S.G. Kamita
- Chemical control of parthenium weed (*Parthenium hysterophorus* L.) in two contrasting cultivars of rice under direct-seeded conditions
A.A. Bajwa, A. Ullah, M. Farooq, B.S. Chauhan and S. Adkins
- Cannabis* as conundrum
L.N. Sandler, J.L. Beckerman, F. Whitford and K.A. Gibson
- Determining and modelling the effective period of fungicides against septoria leaf blotch in winter wheat
S.D. Greiner, P. Racca, J. Jung and A. von Tiedemann
- Watermelon bud necrosis orthotospovirus - An emerging constraint in the Indian subcontinent: An overview
S.K. Holkar, B. Mandal, M.K. Reddy and R.K. Jain
- 1 Sublethal and transgenerational effects of triflumezopyrim on the biological traits of the brown planthopper, *Nilaparvata lugens* (Stål) (Hemiptera: Delphacidae)
P. Xu, R. Shu, P. Gong, W. Li, H. Wan and J. Li
- 7 Integrating cultivar resistance into the TOMCAST model to control early blight of potato, caused by *Alternaria solani*
I.K. Abuley and B.J. Nielsen
- 15 Confirmation of *Fusarium oxysporum* as a causal agent of mung bean wilt in China
F. Sun, S. Sun, L. Zhu, C. Duan and Z. Zhu
- 20 Sensitivity of two sugarcane rust fungi to fungicides in urediniospore germination and detached leaf bioassays
B. Chaulagain, N. Dufault, R.N. Raid and P. Rott
- 26 Nematode survey and biochemical characterization of *Meloidogyne* spp. in a main banana production area in Brazil
L. Luquini, D. Barbosa, F. Haddad, C.F. Ferreira and E.P. Amorim
- 37 Evaluation of non-fumigant chemical and biological nematicides for strawberry production in Florida
T.T. Watson and J.A. Desaegeer
- 45
- 52
- 63
- 69
- 77
- 86
- 94
- 100

Contents

Green synthesis of silver nanoparticles using latex extract of <i>Euphorbia tirucalli</i> : A novel approach for the management of root knot nematode, <i>Meloidogyne incognita</i> <i>D. Kalaiselvi, A. Mohankumar, G. Shanmugam, S. Nivitha and P. Sundararaj</i>	108	Pre- and postinfection application of strobilurin-triazole premixes and single fungicides for control of fusarium head blight and deoxynivalenol mycotoxin in wheat <i>H.R. Feksa, H.T.Z. Do Couto, R. Garozi, J.L. De Almeida, C.G. Gardiano and D.J. Tessmann</i>	128
Grain yield losses due to leaf miner (<i>Liriomyza cicerina</i> R.) in winter- and spring-planted chickpea in Morocco <i>A. Sabraoui, S. Lhaloui, A. Bouchelta, K. El Fakhouri and M. El Bouhssini</i>	115	Model of the probability of pest transfer to a site suitable for establishment following their arrival on imported fruit, cut-flower or vegetable produce <i>D.J. van der Gaag, J. Holt, A.W. Leach and A.J.M. Loomans</i>	135
Influence of selected environmental factors on seed germination and seedling emergence of <i>Dinebra panicea</i> var. <i>brachiata</i> (Steud.) <i>S.L. Weller, S.K. Florentine and B.S. Chauhan</i>	121	Understanding biosecurity threat perceptions across Vietnamese smallholder farmers in Australia <i>T.T. Duong, T.D. Brewer, J. Luck and K.K. Zander</i>	147
		Newsletter 117C	156