



# Crop Protection

<http://www.elsevier.com/locate/cropro/>

## Contents

Volume 33 March 2012 ISSN 0261-2194

- 1 SCAR-based real-time TaqMan PCR for early detection of *Fusarium oxysporum* in melon seedlings under greenhouse nursery conditions  
*R. López-Mondéjar, R. Beaulieu, M. Ros and J.A. Pascual*
- 7 Mycobiota and aflatoxins in a peanut variety grown in different regions in the state of São Paulo, Brazil  
*D.D. Atayde, T.A. Reis, I.J. Godoy, P. Zorzete, G.M. Reis and B. Corrêa*
- 13 Monitoring of resistance in *Spodoptera exigua* (Lepidoptera: Noctuidae) from four districts of the Southern Punjab, Pakistan to four conventional and six new chemistry insecticides  
*M. Ishtiaq, M.A. Saleem and M. Razaq*
- 21 Comparison of monitoring based indicators for initiating fungicide spray programs to control *Botrytis* leaf blight of onion  
*H. Van der Heyden, O. Carisse and L. Brodeur*
- 29 Partial saturation under ebb and flow irrigation suppresses *Pythium* root rot of ornamentals  
*W.H. Elmer, M.P.N. Gent and R.J. McAvoy*
- 34 Screening plants resistant against *Meloidogyne incognita* and integrated management of plant resources for nematode control  
*L. Dong, C. Huang, L. Huang, X. Li and Y. Zuo*
- 40 Effect of allylthiocyanate on *Sitophilus oryzae*, *Tribolium confusum* and *Plodia interpunctella*: Toxicity and effect on insect mitochondria  
*E.E. Mansour, F. Mi, G. Zhang, X. Jiugao, Y. Wang and A. Kargbo*
- 52 Effects of wheat cultivar mixtures on stripe rust: A meta-analysis on field trials  
*C. Huang, Z. Sun, H. Wang, Y. Luo and Z. Ma*
- 59 Revisiting hot water treatments in controlling crown rot of banana cv. Buñgulan  
*D.G. Alvindia*
- 65 Weed control strategies and yield response in a pepper crop (*Capsicum annuum* L.) mulched with hairy vetch (*Vicia villosa* Roth.) and oat (*Avena sativa* L.) residues  
*E. Campiglia, E. Radicetti and R. Mancinelli*
- 74 An integrated approach for management of *Cyperus rotundus* (purple nutsedge) in soybean–wheat cropping system  
*M. Kumar, T.K. Das and N.T. Yaduraju*

(contents continued on inside back cover)

# Contents

Volume 33 March 2012 ISSN 0261-2194

*(contents continued from outside back cover)*

- 82 Ecology and management of the leafroller (Tortricidae) complex over ten years during establishment of an organic pipfruit orchard in Central Otago, New Zealand  
*C.H. Wearing, R.R. Marshall, B.A. Attfield and K. Colhoun*
- 94 Compatibility of a *Trichoderma atroviride* biocontrol agent with management practices of *Allium* crops  
*K.L. McLean, J.S. Hunt, A. Stewart, D. Wite, I.J. Porter and O. Villalta*
- 101 IAPPS Newsletter
- 104 Calendar