

Foreword

Christian Borgemeister

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Research Papers

Resistance of three-way cross experimental maize hybrids to post-harvest insect pests, the larger grain borer (*Prostephanus truncatus*) and maize weevil (*Sitophilus zeamais*)

T. Tefera, S. Mugo, P. Likhayo and Y. Beyene

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Characteristics and virulence of nucleopolyhedrovirus isolated from *Hyposidra talaca* (Lepidoptera: Geometridae), a pest of tea in Darjeeling Terai, India

A. Mukhopadhyay, S. Khewa (Subba) and D. De

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Evaluating a semi-synthetic diet for rearing the red palm weevil *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae)

H.Y. Al-Ayedli

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Activity of digestive enzymes in *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae) gut homogenates during post-embryonic development

K.O. Ademolu and A.B. Idowu

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Identifying triatomine symbiont *Rhodococcus rhodnii* as intestinal bacteria from *Rhodnius ecuadoriensis* (Hemiptera: Reduviidae) laboratory insects

J. Rodriguez, P. Pavia, M. Montilla and C.J. Puerta

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Comparison of selection indices to identify sorghum genotypes resistant to the spotted stemborer *Chilo partellus* (Lepidoptera: Noctuidae)

B.U. Singh, K.V. Rao and H.C. Sharma

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Use of intercrops and antifeedants for management of eggplant shoot and fruit borer *Leucinodes orbonalis* (Lepidoptera: Pyralidae)

S. Satpathy and D.S. Mishra

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Chimeric  $\delta$ -endotoxins of *Bacillus thuringiensis* with increased activity against *Helicoverpa armigera*

A. Chelliah, G. Prasad Gupta, S. Karuppalah and P. Ananda Kumar

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Larvicidal activity of the  $\alpha$ -amylase inhibitor from the seeds of *Macrotyloma uniflorum* (Leguminosae) against *Aedes aegypti* (Diptera: Culicidae)

L. Gupta, S. Deshpande, V. Tare and S. Sabharwal

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Pheromone trap density to mass trap *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae/Rhynchophoridae/Dryophthoridae) in date plantations of Saudi Arabia

J.R. Faleiro, M. Abo El-Saad and A.H. Al-Abbad

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The effects of honey as a dietary supplement on the survivorship and nutrition-storing capacity of *Hemiptarsenus varicornis* (Hymenoptera: Eulophidae), a parasitoid of *Liriomyza* (Diptera: Agromyzidae) leafminers

T.T.G. Ho and T. Ueno

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Control of red-gum lerp psyllid with formulated mycoinsecticides under semi-field conditions

M.H.F.A.D. Pogetto, C.F. Wilcken, M.J. Gimenes, R. de Souza Christovam and E.P. Prado

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Assessment of plant extracts fortified with *Bacillus thuringiensis* (Bacillales: Bacillaceae) for management of *Spodoptera litura* (Lepidoptera: Noctuidae)

M. Rajguru, A.N. Sharma and S. Banerjee

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Morphological features of the heart of six mosquito species as revealed by scanning electron microscopy

G.F. Martins, J.M. Ramalho-Ortigão and P.F.P. Pimenta

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Aphids and their natural enemies in vegetable agroecosystems in Benin

M.-G. Sathre, I. Godonou, T. Hofsvang, G.T. Tapa-Yotto and B. James

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Short Communications

Evaluation of *Trichospilus diatraeae* (Hymenoptera: Eulophidae) as parasitoid of the eucalyptus defoliator *Euselasia eucerus* (Lepidoptera: Riodinidae)

B. Zaché, R.R. da Costa Zaché, E.P. Soliman and C.F. Wilcken

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Prevalence, seasonality and behaviour of Tabanidae (Diptera) captured on a horse in the Planalto Serrano of Santa Catarina State, Brazil

L.C. Miletti, B.B. Colombo, C.P. Cardoso, F.M. Stalliviere, K.C.S. Tavares, L.K.O. Komati, L.L. Vieira, S.E. Christen and C.J.R. Ramos

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