

SECTION 3**Pesticides, Resistance and Transgenics**

CONVENORS: Graham Head (USA)

08 July 2008SESSION NO. **2**

Symposium Reference No.	3.01	New pesticides and pest control technologies	Room No:	MR 11AB
Symposium Organisers:	John Stark (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	134	The biology of <i>Anaphe venata</i> (local silkworm) as a pest of the Triplochiton scleroxylon tree Authors Adeduntan Sunday Adeniyi	Adeduntan Sunday Adeniyi
2	09:15	1015	Insecticidal effects of leaf extracts from <i>Melia azedarach</i> L. (Meliaceae) on <i>Spodoptera exigua</i> (Hübner) (Lepidoptera: Noctuidae): Studies on toxicity, carboxylesterase glutathione-s-transferase and acetylcholinesterase activities Authors Narisara Piyasaengthong Vasakorn Bullangpoti Suraphon Visetson	Vasakorn Bullangpoti
3	09:30	1670	Vapor activity of essential oils extracted from fruit peels of two <i>Citrus</i> species against adults of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae) Authors Gholamhossein Moravvej Mohammad Hassanzadeh-Khayyat Salehe Abbar	Gholamhossein Moravvej
4	09:45	819	Efficacy of neem pesticides on whorl larva, stem-borer and panicle insect pests of sorghum in Nigeria Authors Chinwe E. Anaso	Chinwe E. Anaso
5	10:00	1070	Efficiency of <i>Jatropha gossypifolia</i> L. (Euphorbiaceae) against <i>Spodoptera litura</i> (Lepidoptera: Noctuidae): Toxicity and detoxification enzyme activities Authors Suwadee Phowichit Vasakorn Bullangpoti Suraphon Visetson	Vasakorn Bullangpoti
6	10:15	1908	Toxicity evaluation of Spinosyn, Chlorproprifos methyl, Methoxyfenozide, insecticide Gel(IG), mineral oils (MO), insecticidal emulsion (IE) against <i>Phyllocnistis citrella</i> Stainton (Lepidoptera: Gracillariidae) Authors Behnam Amiri-Besheli Fatemeh Asgharnejad	Behnam Amiri-Besheli

SESSION NO. **3**

Symposium Reference No.	3.09	Tea Break	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	Tea Break Authors	Tea Break

SESSION NO. **4**

Symposium Reference No.	3.01	New pesticides and pest control technologies	Room No:	MR 11AB
Symposium Organisers:	John Stark (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	11:00	1901	Insecticidal activity and variation of pesticides towards four successive generations of <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae). Authors Augustin Goudoum Leonard Ngamo Tinkeu Martin Ngassoum	Leonard Ngamo Tinkeu
8	11:15	973	Evaluation the efficacy of some new insecticides against codling moth, <i>Cydia pomonella</i> (L.) in apple orchards of Orumieh, Iran Authors Gholamali Akbarzadeh Shoukat	Gholamali Akbarzadeh Shoukat
9	11:30	401	Allozyme studies on <i>Helopetis theivora</i> (Hemiptera: Miridae) from Peninsular Malaysia Authors Rita Muhamad Awang Tan Soon Guan Siti Hajar Latipp	Rita Muhamad Awang
10	11:45	703	Toxicity of allelochems derived from <i>Tephrosia vogelii</i> and <i>Petiveria alliacea</i> against post-flowering insect pests of cowpea (<i>Vigna unguiculata</i>) [L] Walp Authors Timothy Abiodun Adebayo Oladele Abiodun Olaniran Fatai Olaitan Alao	Oladele Abiodun Olaniran
11	12:00	3017	Gamma radiation effects on mature larvae and their F1 progeny of <i>Pectinophora gossypiella</i> (Saunders) Authors Shahzad Ali	Shahzad Ali
12	12:15	530	Geographic variation in the susceptibility of <i>Thaumatotibia leucotreta</i> (FCM) populations to a granulovirus (CrleGV-SA) Authors John Kwadwo Opoku-Debrah Sean Douglas Moore Peter Retief Celliers	John Kwadwo Opoku-Debrah

SESSION NO. **5**

Symposium Reference No.	3.021	Lunch Break & Posters	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
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SESSION NO.		6		
Symposium Reference No.	3.02	Insecticide resistance in sucking insects in agriculture	Room No: MR 11AB	
Symposium Organisers:	Rafael Martinez Pardo (Spain) & Ralf Nauen (Germany)			
Order	Start	Abstract No.	Presentation Title	Presenting Author
13	14:00	2038	Are neonicotinoid insecticides resistant to the evolution of resistance in aphids? Authors Steve Foster	Steve Foster
14	14:30	393	Mechanisms of insecticide-resistance in hemipteran species: An overview Authors Graham Moores Georgina Bingham Ian Denholm	Graham Moores
15	14:45	1096	Use of piperonyl butoxide to characterise metabolic resistance in sucking and non-sucking insect pests Authors Despina Philippou Robin Gunning Lin Field	Despina Philippou
16	15:00	1165	Pyrethroid resistance mutations in the whitefly, Bemisia tabaci: an evolutionary perspective on a global scale Authors Christopher Jones Kevin Gorman Martin Williamson	Christopher Jones
17	15:15	1375	Pymetrozine for brown planthopper control overcomes neonicotinoid resistance Authors Robert Lind Russell Slater Domingos Pedroni	Robert Lind

SESSION NO.		7		
Symposium Reference No.	3.011	Tea Break	Room No: Hall 3ABC	
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	Tea Break Authors	Tea Break

SESSION NO.		8		
Symposium Reference No.	3.02	Insecticide resistance in sucking insects in agriculture	Room No: MR 11AB	
Symposium Organisers:	Rafael Martinez Pardo (Spain) & Ralf Nauen (Germany)			
Order	Start	Abstract No.	Presentation Title	Presenting Author
18	16:00	1887	Metabolic resistance to synthetic insecticides in the B and Q biotypes of Bemisia tabaci (Hemiptera: Aleyrodidae) Authors Shai Morin Iris Karunker Michal Alon	Shai Morin
19	16:15	1999	Insecticide resistance status of Trialeurodes vaporariorum (Westw.) (Hemiptera: Aleyrodidae) in Turkey and resistance related biochemical markers Authors Cem Erdogan A. Sibel Velioglu M. Oktay Gurkan	Cem Erdogan
20	16:30	1417	Insecticide resistance frequencies in Bemisia tabaci in Omani and UAE vegetable farms Authors Farid Talukder Walid Kaakeh Michael Deadman	Farid Talukder
21	16:45	1988	Neonicotinoid resistance status of green peach aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae), in Turkey Authors A. Sibel Velioglu Cem Erdogan M. Oktay Gurkan	A. Sibel Velioglu
22	17:00	2169	Esterases as a tool to diminish insecticide resistance risks in F. occidentalis and B. tabaci. Authors Neus López-Soler Ana C. Maymó Amelia Cervera	Rafael Martínez-Pardo
23	17:15	276	Does temporal synergism increase the efficacy of natural pyrethrins against insect pests? Authors Anna Khot Lin Field Graham Moores	Lin Field