

**SECTION 1****Pest Management: Perennial Crops**

CONVENORS: Vaughan Hattingh (RSA) and Jerry Cross (UK)

**11 July 2008**SESSION NO. **2**

Symposium Reference No	<b>1.06</b>	<b>Advances in implementing biological control for perennial ornamental crops grown outdoors</b>	Room No:	Hall 2A
Symposium Organisers:		Paula Shrewsbury (USA) & Rob van Tol (The Netherlands)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	2189	<b>Introduction of integrated pest management in hardy ornamentals: A good bug alone is not enough</b> Authors Rob van Tol	Rob van Tol
2	09:15	1677	<b>Evaluation of Podisus maculiventris (Hemiptera: Pentatomidae) for biological control of viburnum leaf beetle, Pyrrhalta viburni (Coleoptera: Chrysomelidae), an emerging landscape pest in North America</b> Authors Gaylord Desurmont Paul Weston	Gaylord Desurmont
3	09:30	1003	<b>Bulb mite biocontrol in lilies</b> Authors Izabela Lesna Maurice Sabelis Cor Conijn	Izabela Lesna
4	09:45	1686	<b>The effect of alternative plant production practices on predator-herbivore dynamics in ornamental nurseries</b> Authors Paula Shrewsbury Rebecca Waterworth Ellery Vodraska	Paula Shrewsbury
5	10:00	722	<b>Soil-applied imidacloprid is translocated to nectar and kills nectar-feeding beneficial insects in landscapes</b> Authors Vera Krischik	Vera Krischik
6	10:15	3003	<b>The effect of predator and alternative prey density on cutworm survival, activity, and growth</b> Authors Steven Frank Paula Shrewsbury Ellery Vodraska	Paula Shrewsbury

SESSION NO. **3**

Symposium Reference No	<b>1.24</b>	<b>Tea Break</b>	Room No:	Hall 3ABC
Symposium Organisers:				

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

SESSION NO. **4**

Symposium Reference No	<b>1.06</b>	<b>Advances in implementing biological control for perennial ornamental crops grown outdoors</b>	Room No:	Hall 2A
Symposium Organisers:		Paula Shrewsbury (USA) & Rob van Tol (The Netherlands)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
10	11:45	3115	<b>Biology and larval feeding rate of Scaeva albomaculata (Diptera: Syrphidae) on Macrosiphum rosae (Linnaeus) (Homoptera: Aphididae) in laboratory conditions</b> Authors Farzad Jalilian Naser Moeeny Naghadeh Seyed Mahdi Mahjoob	Naser Moeininaghadeh

SESSION NO. **5**

Symposium Reference No	<b>1.25</b>	<b>Lunch Break &amp; Posters</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

SESSION NO. **6**

Symposium Reference No	<b>1.07</b>	<b>Microbial and nematode biocontrol agents for pests of perennial crops</b>	Room No:	Hall 2A
Symposium Organisers:		Johannes Jehle (Germany) & Patricia Stock (USA)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
13	14:00	726	<b>Microbial control of rhinoceros beetle, Oryctes rhinoceros (Coleoptera: Scarabaeidae) on oil palm in Malaysia</b> Authors Ramle Mslim Norman Kamarudin Mohd Basri Wahid	Ramle Mslim
14	14:15	1549	<b>Heredity and fitness cost of resistance to granulosis virus in French populations of Cydia pomonella</b> Authors Benoit Sauphanor Marie Berling Lionel Legros	Benoit Sauphanor

15	14:30	1835	<b>Codling moth and CpGV interactions: Resistance versus virulence</b> Authors Marie Berling Miguel Lopez-Ferber Benoît Sauphanor	Marie Berling
16	14:45	1889	<b>CpGV resistance of codling moth: new isolates with improved efficacy</b> Authors Johannes A. Jehle Karolin E. Eberle Sabine Asser-Kaiser	Johannes A. Jehle
17	15:00	1895	<b>New baculovirus products offer solutions for the biological control of <i>Cydia pomonella</i> and <i>Cryptophlebia leucotreta</i></b> Authors Philip Kessler Daniel Zingg	Philip Kessler
18	15:15	732	<b>The biological control of codling moth using entomopathogenic nematodes</b> Authors Jeanne de Waal Antoinette Malan Matthew Addison	Jeanne de Waal

Symposium Reference No **1.09** **Selected Contributions 1B** Room No: MR 21DEF  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
19	14:00	919	<b>Current pest status, life-cycle and ecology of <i>Hieroglyphus perpolita</i> (Uvarov, 1932) (Acrididae: Orthoptera) of Pakistan</b> Authors Riffat Sultana M.Saeed Wagan	M.Saeed Wagan
20	14:15	1001	<b>Evaluation of termite resistant plant attributes for their bioactivity against <i>Macrotermes termites</i></b> Authors Bekele Jembere Gedion Yohannes Mengistu Gemech	Bekele Jembere
21	14:30	3030	<b>Female sex pheromone of simao pine caterpillar moth, <i>Dendrolimus kikuchii</i>: SPME collection, electrophysiological analysis, and field evaluation</b> Authors Xiang bo Kong Xiao ling Sun Zhen Zhang	Xiang bo Kong
23	15:00	3377	<b>Wide area approach to control <i>Carpophilus</i> spp. (Coleoptera: Nitidulidae) in stone fruit in Australia</b> Authors Mofakhar Hossain David Williams Mamun Hossain	Mofakhar Hossain

SESSION NO. **7**

Symposium Reference No **1.26** **Tea Break** Room No: Hall 3ABC  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. **8**

Symposium Reference No **1.07** **Microbial and nematode biocontrol agents for pests of perennial crops** Room No: Hall 2A  
Symposium Organisers: Johannes Jehle (Germany) & Patricia Stock (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
25	16:00	861	<b>Potential of entomopathogenic nematodes for the control of false codling moth, <i>Thaumatotibia leucotreta</i>, (Lepidoptera: Tortricidae) in laboratory bioassays</b> Authors Antoinette Malan Sean Moore	Sean Moore
26	16:15	3280	<b>Insect-pathogenic nematodes and their potential for citrus pest control in the Sonoran Desert</b> Authors S.Patricia Stock	S.Patricia Stock
27	16:30	2987	<b>Realities and prospects for microbial control of citrus pests in South Africa</b> Authors Sean Moore Antoinette Malan Wayne Kirkman	Wayne Kirkman
28	16:45	3153	<b><i>Beauveria bassiana</i> – lessons learnt regarding a fungal insecticide in a commercial environment.</b> Authors Sias Leipoldt	Sias Leipoldt

Symposium Reference No **1.09** **Selected Contributions 1B** Room No: MR 21DEF  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
30	16:00	3497	<b>Biological control of <i>Icerya purchasi</i> Maskell by <i>Rodolia cardinalis</i> Mulsant in citrus orchards of north Khuzestan, southwest Iran</b> Authors Mohammad Saeed Mossadegh Rahim Eslamizadeh Mehdi Esfandiari	Mehdi Esfandiari
33	16:45	31	<b>Populations of lacewings, <i>Chrysoperla carnea</i> (Stephens), in relation to sucking insect pests in cotton ecosystems</b> Authors J.M. Mari S.M. Nizamani M.K. Lohar	J.M. Mari
34	17:00	859	<b>Novel application of pollen to augment predatory mite populations</b> Authors Phyllis Weintraub Carmit Tal Eric Palevsky	Phyllis Weintraub

07 October 2008