

**SECTION 2****Pest Management: Annual Crops**

CONVENORS: Johnnie Van Den Berg (RSA), Huib van Hamburg (RSA) and John D Mumford (UK)

**10 July 2008**

SESSION NO. 2

Symposium Reference No	<b>2.06</b>	<b>Russian wheat aphid management</b>	Room No:	Hall 2D
Symposium Organisers:	Vicki Tolmay (RSA) & K.A. Shufran (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	215	<b>Biotypic diversity and distribution of Russian wheat aphid <i>Diuraphis noxia</i> (Hemiptera: Aphididae) in the eastern and central Free State</b> Authors Astrid Jankielsohn	Astrid Jankielsohn
2	09:15	1998	<b>Progress in host plant resistance to Russian wheat aphid (Homoptera: Aphididae) in North Africa and West Asia</b> Authors Mustapha El Bouhssini Stefania Grando Salvatore Ceccarelli	Mustapha El Bouhssini
3	09:30	3171	<b>Evaluation of resistance to Russian wheat aphid <i>Diuraphis noxia</i> (Mordvilko) in different cultivars and advanced lines of wheat in Markazi Province</b> Authors Mazaher Yousefi Asadollahe Fathi hafshegani	Mazaher Yousefi
4	09:45	3275	<b>Pre-breeding for resistance to Russian wheat aphid, <i>Diuraphis noxia</i>, in wheat and barley in Australia: germplasm characterization against multiple biotypes</b> Authors Mehmet Cakir Janine Vitou Scott Haley	Mehmet Cakir
5	10:00	3172	<b>Probing behaviour of <i>Diuraphis noxia</i> on near-isogenic wheat lines with resistance ex PI 137739 and PI 262660.</b> Authors Vicki Tolmay Freddy Tjallingii Charl Van Deventer	Vicki Tolmay
6	10:15	1439	<b>The effect of semiochemicals and aphid resistant cultivars on Russian wheat aphid control</b> Authors Goddy Prinsloo Velemir Ninkovic Theuns Van der Linde	Goddy Prinsloo

SESSION NO. 3

Symposium Reference No	<b>2.17</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>2.06</b>	<b>Russian wheat aphid management</b>	Room No:	Hall 2D
Symposium Organisers:	Vicki Tolmay (RSA) & K.A. Shufran (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	11:00	187	<b><i>Diuraphis noxia</i> populations are genetically uniform and phenotypically diverse in the US</b> Authors Kevin Shufran	Kevin Shufran
8	11:15	1461	<b>Could semiochemicals enhance parasitism of aphids on Russian wheat aphid resistant cultivars?</b> Authors Goddy Prinsloo Robert Glinwood Theuns Van der Linde	Goddy Prinsloo

SESSION NO. 5

Symposium Reference No	<b>2.023</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>2.02</b>	<b>Pest management: prospects, successes and failures</b>	Room No:	MR 22G
Symposium Organisers:	Samuel Waladde (RSA), Johnnie Van den Berg (RSA) & Zeyaur Khan (Kenya)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
9	14:00	1052	<b>Successes and failures of IPM projects: Case studies from West and Central Africa</b> Authors Dakouo Dona Maredia Karim Ratnadass Alain	Dakouo Dona
10	14:15	252	<b>Insect pest management in pulses in India</b> Authors Chandra Srivastava	Chandra Srivastava

11	14:30	1483	<b>Management studies against major insect pests of soybean (<i>Glycine max</i> (L.) Merrill )</b> Authors B. S. Thakur Sandhya S.R.	B. S. Thakur
12	14:45	3290	<b>Fipronil treatments for controlling the defec stem borer in soybeans</b> Authors Lawrent Buschman Holly Davis Terutaka Niide	Lawrent Buschman
13	15:00	670	<b>The impact of phosphate fertilizer as a pest management tactic in four cowpea varieties</b> Authors Joseph Asiwe Frank Kola Ewete Sagary K Nokoe	Joseph Asiwe
14	15:15	382	<b>Population biology of the lucerne flea, <i>Sminthurus viridis</i>, with applications for control</b> Authors John Roberts Andrew Weeks Ary Hoffmann	John Roberts

Symposium Reference No	<b>2.07</b>	<b>Critical analyses of successes and failures of biological control in Africa</b>	Room No:	Hall 2D
Symposium Organisers:		Joop van Lenteren (The Netherlands) & Martin Hill (RSA)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
15	14:00	32	<b>Critical analyses of successes and failures of biological control in Africa</b> Authors Peter Neuenschwander	Peter Neuenschwander
16	14:30	98	<b>Biological control of <i>Chromolaena odorata</i> in Africa: some progress made but much more is needed</b> Authors Costas Zachariades	Costas Zachariades
17	14:45	3387	<b>Biological control of water hyacinth – the Lake Victoria case</b> Authors James Ogwang	James Ogwang
18	15:00	68	<b>Lessons from the development of Green Muscle® for the future of microbial insect control in Africa</b> Authors Christiaan Kooyman	Christiaan Kooyman
19	15:15	3379	<b>Biological control of the <i>Sirex noctilio</i> wood wasp in pine plantations in South Africa</b> Authors Geoff Tribe	Geoff Tribe

SESSION NO. **7**

Symposium Reference No	<b>2.018</b>	<b>Tea Break</b>	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	<b>2.02</b>	<b>Pest management: prospects, successes and failures</b>	Room No:	MR 22G
Symposium Organisers:		Samuel Waladde (RSA), Johnnie Van den Berg (RSA) & Zeyaur Khan (Kenya)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
20	16:00	368	<b>Compared effectiveness of three insecticides (Biobit, Neem and Métophos) on <i>Plutella xylostella</i> (Lepidoptera: Yponomeutidae), the main pest of Brassicaceae in Niayes area of Dakar (Senegal).</b> Authors Gallo Sow Diénaba SALL-SY Karamoko Diarra	Karamoko Diarra
21	16:15	685	<b>From DDT to integrated pest management of Colorado potato beetle (<i>Leptinotarsa decemlineata</i> Say.) in Poland</b> Authors Stefan Pruszyński Danuta Sosnowska	Stefan Pruszyński
22	16:30	630	<b>Isolation and characterization of <i>Bacillus thuringiensis</i> and their toxicity against different ISSR- PCR based biotypes of <i>Helicoverpa armigera</i></b> Authors Senthilkumar Nachimuthu	Senthilkumar Nachimuthu
23	16:45	3380	<b>Isolation and toxicity evaluation of bacterial entomopathogens against phytophagous white grubs (Coleoptera: Scarabaeidae) in Indian Himalayan hills</b> Authors Shahid Sami Siddique Zubair Ahmad Mohd Shamim	Shahid Sami Siddique
24	17:00	325	<b>Efficacy of chemical insecticides in controlling the pea beetle (weevil) <i>Bruchus pisorum</i> L. (Coleoptera: Bruchidae) on field pea (<i>Pisum sativum</i> L.) in Ethiopia</b> Authors Birhane Asayehegne MC van Der Westhuizen	Birhane Asayehegne
25	17:15	3501	<b>Pheromone baited traps for neotropical brown stink bug, <i>Euschistus heros</i> (Fabricius) (Heteroptera: Pentatomidae) monitoring: the population reproductive state influences trap capture</b> Authors R.A Laumann M.C.B Moraes M.M Peixoto	R.A Laumann

Order	Start	Abstract No.	Presentation Title	Presenting Author
Symposium Reference No <b>2.07</b> <b>Critical analyses of successes and failures of biological control in Africa</b> Room No: Hall 2D				
Symposium Organisers: Joop van Lenteren (The Netherlands) & Martin Hill (RSA)				
26	16:00	109	<b>Biological control as a component of IPM for cowpea</b> Authors Manuele Tamo Cyriaque Agboton David Arodokoun	Manuele Tamo
27	16:15	639	<b>Comparative effectiveness of two release rates of the egg parasitoid <i>Trichogramma chilonis</i> Ishii (Hymenoptera: Trichogrammatidae) to control a sugarcane borer in Reunion</b> Authors Marlène Marquier Clarisse Clain Elisabeth Tabone	Régis Goebel
28	16:30	1441	<b>Diversity, distribution and host range of stemborer parasitoids within the natural habitat in East and Southern Africa</b> Authors Duna Madu Mailafiya Bruno Pierre Le Ru Pascal Moyal	Duna Madu Mailafiya
29	16:45	129	<b>Biology and predation efficiency of lady beetle, <i>Menochilus sexmaculatus</i></b> Authors M.H. Islam Ahad M. A. Amin M. R.	Amin M. R.
30	17:00	2137	<b>Vegetation management for biological control in annual crops: Spatial scale and meta-communities</b> Authors Deborah Letourneau Carol Shennan Sara Bothwell	Deborah Letourneau

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