

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

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

**09 July 2008**

SESSION NO. 2

Symposium Reference No.	<b>2.02</b>	<b>Pest management: prospects, successes and failures</b>	Room No:	MR 21DEF
Symposium Organisers:	Samuel Waladde (RSA), Johnnie Van den Berg (RSA) & Zeyaur Khan (Kenya)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1306	<b>Can we exploit nature's influence on arthropods and mechanisms of the 'push-pull' technology in resistance management to Bt-maize?</b> Authors Charles Midega Zeyaur Khan Johnnie VandenBerg	Charles Midega
2	09:15	1160	<b>Edge effects on landing patterns of aphids in commercial potato fields</b> Authors Kerstin Kruger Lezel Muller Marie Warren	Kerstin Kruger
3	09:30	636	<b>Revegetation for pest management - designing the 'right' biodiversity for sustainable production in Southern Australia</b> Authors Glenys M. Wood Helen E. DeGraaf Richard V. Glatz	Glenys M. Wood
4	09:45	45	<b>Push-Pull management of pests, predators and parasites in sericulture</b> Authors Ravindranath Singh Beera Saratchandra	Ravindranath Singh
5	10:00	845	<b>The impact of flowers and omnivory on a four trophic level food web – implications for biological control</b> Authors Mattias Jonsson Katherine Robinson Steve Wratten	Mattias Jonsson
6	10:15	1680	<b>Feasibility of acoustic technology for canegrub detection and management</b> Authors Richard Mankin Peter Samson Keith Chandler	Richard Mankin

Symposium Reference No.	<b>2.032</b>	<b>Selected Contributions 2B</b>	Room No:	MR 21ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	09:00	70	<b>Preventive and curative measures to combat early cotton insect pests in Sudan</b> Authors Hayder Abdelgader	Hayder Abdelgader
8	09:15	777	<b>Optimizing cotton pollination period by using high stocking rate of honeybee colonies</b> Authors Marwan Keshlaf Robert Spooner-Hart Robert Mensah	Marwan Keshlaf
9	09:30	1185	<b>Physiological influences of some insecticides on cotton whitefly, Bemisia tabaci (Gennadius)</b> Authors Gursharan Singh Shuchita - Arpinder Brar	Gursharan Singh
10	09:45	1788	<b>Elucidating cotton genotypes resistant to whitefly, Bemisia tabaci (Gennadius) (Homoptera: Aleyrodidae) by population build up studies under no choice conditions</b> Authors Vikas Jindal G.S. Dhaliwal	Vikas Jindal
11	10:00	2225	<b>Studies regarding the most susceptible stage of cotton mealy bug, Phenacoccus spp. in Pakistan</b> Authors Jalal Arif Rafiq Shahid Dildar Gogi	Jalal Arif
12	10:15	3394	<b>Biological control of American bollworm, jassid and aphids by Chrysopa and Trichogramma in cotton crops</b> Authors Fakhar U Zaman Akhtar Muhammad Aslam Muhammad Arshad	Fakhar U Zaman Akhtar

Symposium Reference No.	<b>2.05</b>	<b>Ecology and management of key rice pests</b>	Room No:	Hall 2D
Symposium Organisers:	Mark Stevens (Australia) & Mike Way (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
13	09:00	1256	<b>Constitutive and Inducible Plant Resistance for Rice Pest Management</b> Authors Michael Stout	Michael Stout
14	09:30	1473	<b>Diversity and abundance of spiders from organic and conventional rice farming systems in a Central Africa dry savannah</b> Authors Noé Woin Christa Volkmar Dona Dakouo	Noé Woin
15	09:45	1197	<b>Bt rice development and assessment of its ecological risk to non-target arthropods in China</b> Authors Gong-Yin Ye Jun-Ce Tian Yang Chen	Gong-Yin Ye
16	10:00	970	<b>Population ecology of Scotinophara lurida in rice fields in Korea: its spatial distribution and phenology model</b> Authors Hunsung Kim Joon-Ho Lee	Joon-Ho Lee
17	10:15	1890	<b>Genetic variability of the sorghum plant bug, Stenotus rubrovittatus in Japan: its relationship with increasing populations in rice fields</b> Authors Tetsuya Kobayashi Tamito Sakurai Mitsutaka Sakakibara	Tetsuya Kobayashi

SESSION NO. **3**

Symposium Reference No.	<b>2.016</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>2.032</b>	<b>Selected Contributions 2B</b>	Room No:	MR 21ABC
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author
18	11:00	3422	<b>Field tests of neem oil and neem seed water extract for the management of sucking and chewing pests attacking cotton.</b> Authors Masood Khattak Mohammad Rashid Khalid Abdullah	Masood Khattak
19	11:15	3419	<b>Comparative analysis of natural predation on colorado potato beetle eggmasses in Cry-expressing experimental fields</b> Authors Salvatore Arpaia Grazia M. Di Leo Joerg E.U. Schmidt	Salvatore Arpaia
20	11:30	3173	<b>Collaborative Screening for Russian wheat aphid (Diuraphis noxia) resistance</b> Authors Vicki Tolmay Gary Puturka Cheryl Baker	Vicki Tolmay
21	11:45	150	<b>Step-by-step guideline for the development of an artificial neural network for host-parasitoid population density prediction</b> Authors Henri Tonnang Brigitte Nyambo Bernhard Lohr	Henri Tonnang
22	12:00	558	<b>Studies on host range, competition ability and hot water survival on the mango fruit fly Ceratitis cosyra Walker (Diptera: Tephritida) in the Kordofan region, Sudan</b> Authors Yasir G. A. Bashir Nabil H. H. Bashir Elameen M. A. Eltoum	Yasir G. A. Bashir
23	12:15	957	<b>Developing an integrated pest management (IPM) strategy for the legume pod borer (Maruca vitrata)</b> Authors Srinivasan R Song-Tay Lee Mei-Ying Lin	R Srinivasan

Symposium Reference No.	<b>2.05</b>	<b>Ecology and management of key rice pests</b>	Room No:	Hall 2D
Symposium Organisers: Mark Stevens (Australia) & Mike Way (USA)				
Order	Start	Abstract No.	Presentation Title	Presenting Author
24	11:00	1995	<b>Hypersensitivity reactions in rice cultivars and effects on the morphology and development of the African rice gall midge, Orseolia oryzivora Harris and Gagné (Diptera: Cecidomyiidae)</b> Authors Adebayo Omoloye	Adebayo Omoloye
25	11:15	243	<b>Developing an IPM strategy for rice cropping in Burkina Faso</b> Authors BA Malick Nacro Souleymane Karamage François	BA Malick
26	11:30	444	<b>Controlling larval chironomids (Diptera: Chironomidae) in Australian rice crops using a commercial formulation of Bacillus thuringiensis var. israelensis</b> Authors Mark Stevens Glen Warren	Mark Stevens
27	11:45	314	<b>Ecology and management of three rice planthopper species in the Yangtze Delta, China</b> Authors Jia-an Cheng Zeng-rong Zhu	Jia-an Cheng
28	12:00	3237	<b>Management of Rice Brown Plant Hopper by different modules of pesticide application</b> Authors Monilal Chatterjee	Monilal Chatterjee
29	12:15	1496	<b>Influence of ecological factors on rice gall midge (Orseolia oryzae Wood-Mason) in Chhattisgarh, India</b> Authors Bhal C. Shukla	Bhal C. Shukla

SESSION NO. **5**

Symposium Reference No.	<b>2.025</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>2.028</b>	<b>Free Afternoon</b>	Room No:	
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author

