

SECTION 2**Pest Management: Annual Crops**

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

07 July 2008SESSION NO. **2**

Symposium Reference No.	2.01	Ecological approaches to cotton IPM: a global perspective	Room No:	Hall 2D
Symposium Organisers:	Megha N. Parajulee (USA), Robert Mensah (Australia) & Lewis Wilson (Australia)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1783	A simple approach to integrating insecticides into cotton IPM Authors Lewis Wilson Simone Heimoana	Lewis Wilson
2	09:30	417	Cotton pest management in Argentina Authors Oscar Antonio Peterlin	Oscar Antonio Peterlin
3	09:45	209	Managing Helicoverpa spp. and Creontiades dilutus on cotton crops: Role of entomopathogenic fungus, semiochemicals and trap crops Authors Robert Mensah Leah Austin	Robert Mensah
4	10:00	371	Habitat manipulation in cotton IPM: Host plant utilization, host sequence, and host preference of Lygus hesperus Authors Megha N. Parajulee	Megha N. Parajulee
5	10:15	130	Abundance of pests and predators on different varieties of cotton in Bangladesh Authors Ahad M. A. Hossain M. M. Hossain S. M. A.	Ahad M. A.

SESSION NO. **3**

Symposium Reference No.	2.012	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.	2.01	Ecological approaches to cotton IPM: a global perspective	Room No:	Hall 2D
Symposium Organisers:	Megha N. Parajulee (USA), Robert Mensah (Australia) & Lewis Wilson (Australia)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	840	Integrated pest management module for Bt cotton under an irrigated ecosystem Authors B.V. Patil M. 0	B.V. Patil
7	11:15	586	Habitat manipulation and supplementary food spray for enhanced pest management in organic cotton: implications to cotton IPM Authors Simplicie Davo Vodouhe Robert Kofi Mensah Damien Sanfilippo	Simplicie Davo Vodouhe
8	11:30	3256	Probabilistic methods for assessing the risk of the evolution of resistance to transgenic crops Authors Michael Caprio C. D. Parker Ryan Kurtz	Michael Caprio
9	11:45	1427	Use of sex pheromones and light traps to monitor the population of adult moths of cotton boll worms in Hyderabad, Sindh, Pakistan Authors Mansoor Ali Shah Dr. Nasreen Memon	Mansoor Ali Shah
10	12:00	1122	Functional response of three instars of Chrysoperla carnea (Neuroptera: Chrysopidae) to eggs and first instar larvae of Helicoverpa armigera (Lepidoptera: Noctuidae) Authors Gadir Nouri-Ganbalani Mehdi Hassanpour Jafar Mohaghegh	Gadir Nouri-Ganbalani
11	12:15	778	Role of pollen beetles in cotton pollination, and their effect on the foraging behaviour of honeybees Authors Marwan Keshlaf Robert Spooner-Hart Robert Mensah	Marwan Keshlaf

SESSION NO. **5**

Symposium Reference No.	2.023	Lunch Break & Posters	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	Lunch Break & Posters Authors	Lunch Break & Posters

SESSION NO. **6**

Symposium Reference No.	2.02	Pest management: prospects, successes and failures	Room No:	Hall 2D
Symposium Organisers:	Samuel Waladde (RSA), Johnnie Van den Berg (RSA) & Zeyaur Khan (Kenya)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
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12	14:00	1590	Progress in the management of maize streak virus and its leafhopper vectors in sub-Saharan Africa Authors Nilsa Bosque-Perez	Nilsa Bosque-Perez
13	14:15	151	Integrated pest management in subsistence agriculture in the Lake Chad Basin: a model of regional cooperation in plant protection Authors Dakouo Dona Anaso A. Benjamin Woin Noé	Dakouo Dona
14	14:30	1308	The biology of an emerging mite pest of grains, Balaustium medicagoense, in southeastern Australia Authors Aston Arthur Andrew Weeks Ary Hoffmann	Aston Arthur
15	14:45	366	An early-warning system for Heteronychus arator Fabricius (Coleoptera: Scarabaeidae) Authors Thomas Drinkwater	Thomas Drinkwater
16	15:00	672	Western corn rootworm and European corn borer important pests of maize in Croatia Authors Marija Ivezic Emilija Raspudic Mirjana Brmez	Marija Ivezic
17	15:15	226	Phenology of Zonocerus variegatus (L.) (Orthoptera: Pyrgomorphidae) in natural and planted fallow systems in the humid forest zone of southern Cameroon Authors Sévilor Kekenou Stephan Weise Stefan Hauser	Sévilor Kekeunou

Symposium Reference No. **2.031** **Selected Contributions 2A** Room No: MR 22G
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
18	14:00	820	Spinosaad 45 SC – the novel pesticide for the management of chilli pests Authors Monilal Chatterjee	Monilal Chatterjee
19	14:15	959	Investigations on biology and host range of Urentius spp. (Hemiptera: Tingidae) in Sudan Authors Abdalla M. Satti	Abdalla A. Satti
20	14:30	2115	The relative importance of colour and odour cues for thrips host-finding Authors Kenneth Webster David Teulon Willem Jan de Kogel	Kenneth Webster
21	14:45	950	Induction of self-superparasitism by the presence of a conspecific in the infanticidal parasitoid Ecthradelphax fairchildii (Hymenoptera: Dryinidae) Authors Emi Ito Yoshihiro Yamada	Yoshihiro Yamada
22	15:00	125	Effects of high temperature on the late third-instar larvae of oriental fruit fly: Mortality, pupal morphology and adult emergence Authors Runjie Zhang Qi Xie	Runjie Zhang

SESSION NO. **7**

Symposium Reference No. **2.013** **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. **2.02** **Pest management: prospects, successes and failures** Room No: Hall 2D
Symposium Organisers: Samuel Waladde (RSA), Johnnie Van den Berg (RSA) & Zeyaur Khan (Kenya)

Order	Start	Abstract No.	Presentation Title	Presenting Author
23	16:00	1366	Diabrotica virgifera virgifera LeConte (Coleoptera: Chrysomelidae) appearing in Germany 2007: surprise, disaster, challenges, and consequences for IPM Authors Hans E. Hummel	Hans E. Hummel
24	16:15	1145	Biodiversity of entomophagous arthropods in rice crops Authors Faisal Hafeez Jalal Arif Waseem Akram	Faisal Hafeez
25	16:30	1879	Influence of Ageratum conyzoides (L.) extract on the orientation of larvae and oviposition of adult Helicoverpa armigera (Hüb.) (Lepidoptera: Noctuidae) Authors Ashok Singh Ragesh P R	Ashok Singh
26	16:45	1853	Comparative study on the morphology of egg pods, egg development and hatching of three Hieroglyphus species (Acrididae: Orthoptera) Authors Riffat Sultana M.Saeed Wagan	M.Saeed Wagan

Symposium Reference No. **2.031** **Selected Contributions 2A** Room No: MR 22G
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
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27	16:00	1416	Population dynamics and within plant distribution of <i>Megalurothrips sjostedti</i> and <i>Frankliniella occidentalis</i> (Thysanoptera: Thripidae) in a French bean agroecosystem	Linus Gitonga
Authors Linus Gitonga Bernhard Lohr				
28	16:15	1648	Whitefly Transmission of Sweet Potato Leaf Curl Virus	Alvin Simmons
Authors Alvin Simmons Kai-Shu Ling Howard Harrison				
29	16:30	1845	Economic threshold for the management of <i>Plutella xylostella</i> with granulovirus in cauliflower	Sevgan Subramanian
Authors Sevgan Subramanian R. J. Rabindra Natarajan Sathiah				
30	16:45	3101	Activity patterns and sex identification of the mango seed weevil (<i>Sternochetus mangiferae</i>)	Katharina Merkel
Authors Katharina Merkel Thomas Hoffmeister Sunday Ekesi				
31	17:00	3384	Screening of brinjal varieties/lines against shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee (Pyralidae: Lepidoptera))	Buddhi Bahadur Achhami
Authors Buddhi Bahadur Achhami				
32	17:15	3385	Comparison of synthetic and botanical pesticide mixtures for the control of spotted bollworm (<i>Earias</i> sp) on cotton.	Naveed Aslam
Authors Naveed Aslam Muhammad Aslam Shahid Hussain				

28 June 2008