



President: Professor Peter Shewry, BA, BSc, PhD, DSc

IPM: Pushing Back the Frontiers

[Incorporating: "Biopesticides 2013"
& "Advances in Biocontrol"]

at the
Olde Barn Hotel, Marston, Lincs, UK

on 15/16 October 2013

PROVISIONAL PROGRAMME & BOOKING FORM

IPM: Pushing Back the Frontiers

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& 'Advances in Biocontrol 2013']

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PROVISIONAL PROGRAMME
(BASIS Points have been applied for)

With the changes in European pesticide legislation and the implementation of the Sustainable Use Directive and UK National Action Plan, there has never been a more important time to pool UK knowledge and expertise in novel methods of pest, disease and weed management.

The AAB's 'Advances in Biocontrol & IPM' and 'Biopesticides' conferences have become firm fixtures on the UK's calendar of IPM events. The objective has been to create a gathering of the IPM community at which policy makers, experienced researchers, young scientists and practitioners can detach themselves from their usual day-to-day pressures and become totally immersed in the subject. Previous conference programmes have explored policy issues, technical developments, commercial uptake and factors which constrain the successful use of biopesticides.

To facilitate greater interaction between policy makers, scientists and practitioners, the AAB have joined forces with the International Biocontrol Manufacturers' Association and have combined the 'Advances' and 'Biopesticides' events in 2013.

Programme
[BASIS points have been applied for]

Tuesday 15 October

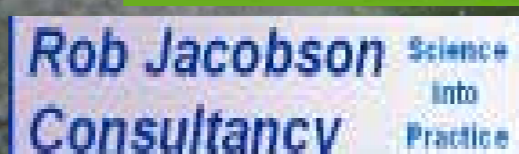
09:00 **Registration and Coffee**

10:00 **Welcome and Introduction to conference**
Rob Jacobson, Conference Convenor

Session 1: **National Action Plan (10:10-12:10)**
Chair – Rob Jacobson (RJC Ltd, UK)

Background to UK National Action Plan (NAP) and official UK position
Rob Mason / Adrian Dixon, Chemicals Regulation Directorate, UK

IBMA's reaction to National Action Plan and related issues
David Cary (International Biocontrol Manufacturers' Association, UK)



National Action Plan: A UK research community perspective

Toby Bruce (Rothamsted Research, UK)

Discussion (All speakers invited back to platform)

12:10

Lunch & Posters

Session 2:

Registration of IPM related products (13:30-15:30)

Chair – **David Cary** (International Biocontrol Manufacturers' Association, UK)

Progress with biopesticides registrations in UK

Alison Hamer (TSGE, UK)

The Danish approach to biopesticide registration

Henrik Brodsgaard (Danish Ministry of the Environment, Denmark)

Using Pesticide Usage surveys to monitor the change and introduction of biopesticides and biocontrol agents

David Garthwaite (Fera, UK)

Innovation systems analysis to take advantage of the regulatory opportunity presented by 1107/2009 'Placing Plant Protection Products on the Market'

Sophie Payne-Gifford (University of Reading, UK)

Discussion (All speakers invited back to platform)

15:30

Tea

Session 3:

IPM: Progress and constraints (16:15-18:00)

Chair – **Phil Walker** (Phil Walker Consultancy Ltd, UK)

IPM: Summary of achievements in protected cropping

Rob Jacobson, RJC Ltd, UK

IPM: Prospects for broad acre vegetable crops

Chris Wallwork (Agrii, UK)

Reverse genetics and integrated pest management – A balanced view of the GM Debate

Huw Jones (Rothamsted Research, UK)

Discussion (All speakers invited back to platform)

18:00

End of Session

20:00

Conference Dinner

Wednesday 16 October

Session 4:

IPM: Techniques (08:45-10:40)

Chair – **Rob Jacobson** (RJC Ltd, UK)

Routes to success with biopesticides

Josh Burnstone (Fargro Ltd, UK)

Opportunities to combine conventional and biological technologies to create robust IPM pest programmes - an industry perspective

Gareth Martin (BASF Agricultural Specialities Ltd, UK)

Evaluation of pheromone based attract and kill systems for male and female fruit fly control

Nayem Hassan (Russell IPM Ltd, UK)

Developing terpenes for preventing and combating disease in agriculture

John Edmonds (Eden Research plc, UK)

Potential of insect pathogenic fungi as biocontrol agents of plant pathogens

David Chandler (Warwick Crop Centre, University of Warwick, UK)

Discovery and development of new phylloplane biocontrol agents to control insect pests

Amanda Livermore (University of Reading, UK)

10:40

Coffee

Session 5:

IPM: Fruit and protected crops (11:15-12:50)

Chair – **Phil Walker** (Phil Walker Consultancy Ltd, UK)

Minimising pesticide residues in strawberry through integrated pest, disease and environmental crop management

Robert Saville (East Malling Research, UK)

Exploiting vine weevil behaviour to disseminate an entomopathogenic fungus

Tom Pope, Eneree Gundalai (Harper Adams University, UK), Jude Bennison, Gemma Hough, Karen Jones (ADAS Boxworth, UK), Gill Prince & David Chandler (The Crop Centre, University of Warwick, UK)

Biological control of vine weevil larvae on protected strawberry

Gemma Hough, Gemma Gillies, Jude Bennison, Karen Jones, Kerry Maulden, Sacha White (ADAS, Boxworth, UK) & Tom Pope (Harper Adams, UK)

New insights in aphid control using parasitoids

Nicholas Dassonville, Thierry Thielemans & Virginie Gosset (Viridaxis S.A., Belgium)

New developments in the biological control of whitefly

Dr Steven Bol (Koppert Biological Systems)

12:50

Lunch and Posters

Session 6a:

IPM: Outdoor situations (14:00-15:30)

Chair – **Toby Bruce** (Rothamsted Research, UK)

IPM adoption in Kenyan rose production

Louise Labuschagne (The Real IPM Company (K) Ltd, Kenya)

Biological control of the invasive pest oak processionary moth

Jude Bennison (ADAS Boxworth, UK)

The art of doing nothing

Steve Ellis (ADAS High Mowthorpe, UK)

Looking for resistance to *Plutella xylostella* (diamond-back moth) in diploid Brassicas
Rosemary Collier (Warwick Crop Centre, University of Warwick, UK)

Is crop tolerance the key to understanding the slug problem?
Sarah Kendall (ADAS Gleadthorpe, UK)

15:30 **Tea**

Session 6b: **IPM: Outdoor situationsn (cont'd)** (16:00-16.30)
Chair – **Toby Bruce** (Rothamsted Research, UK)

16:00 **The role of natural enemies in regulating aphid populations on vegetable Brassica crops**
Liam Harvey (Warwick Crop Centre, University of Warwick, UK)

IPM for field control of brassica whitefly: problems and prospects
Simon Springate, John Colvin (EUCIPM, Natural Resources Institute, University of Greenwich, UK), Spencer Collins & Rosemary Collier (Crop Centre, University of Warwick, UK)

16:30 **Final discussion and delegate feedback**

17:00 **Conference closes**

Posters

Infection structure in the plants expressing systemic acquired resistance or induced systemic resistance
Yong Chull Jeun (Jeju National University, Korea)

The use of roller traps to control the western flower thrips in protected strawberry
Clare Sampson & William Kirk (Keele University, UK)

The leaf-spot pathogen *Mycosphaerella polygoni-cuspidati* Hara – an additional tool in the box for the integrated management of Japanese knotweed?

Marion K Seier, Kate M Pollard, Sarah E Thomas (CABI, UK) & Daisuke Kurose (National Institute for Agro-Environmental Sciences, Japan)

Progress in the classical biological control of non-native invasive weeds in Europe
Rob Tanner, Richard Shaw, Sonal Varia, Kate Pollard & Marion Seier (CABI, UK)