

11.30-11.50 **Strategies for grass weed control in winter oats & spring barley**
JAMIE MACKAY (Jamie Mackay Agronomy, Bishops Stortford, UK)

11.50-12.10 **Strategies to maintain effective and economic grass weed control in cereals and oilseed rape**
RON STOBART (The Arable Group, Morley, UK)

12.10-12.30 **DISCUSSION**

12.30-13.30 **LUNCH AND POSTERS**

Session 4 : Pest Management

Session Organiser: JOHN CUSSANS (Rothamsted Research, Harpenden, UK)

13.30-13.50 **Recent advances in wireworm research: new approaches raise new questions**
ROD BLACKSHAW, University of Plymouth, Plymouth, UK)

13.50-14.10 **The control of pyrethroid resistant pollen beetle in OSR**
ALAN HORGAN (Certis, Amesbury, Wilts, UK)

14.10-14.30 **The impact of *Turnip yellows virus* on oilseed rape - do we really appreciate the risk?**
MARK STEVENS (Broom's Barn Research, Bury St Edmunds, UK)

14.30-14.50 **OSR agchem inputs - their effect on final yield**
MIKE READ (Bayer CropScience, Cambridge, UK)

14.50-15.10 **Strategies for the control of Wessex flea beetle in herbage seed**
BEN FREER (The Arable Group, Sutton Scotney, UK)

15.10-15.30 **DISCUSSION**

15.30 **TEA AND DEPART**

POSTERS - Organiser: MARTYN BUSH (Bayer CropScience, North Allerton, Yorks, UK)

Monitoring the sensitivity of *Septoria tritici* (*Mycosphaerella graminicola*) to triazoles
MARION SELF (The Arable Group, Morley, UK)

Herbicide screening on graminaceous species 1997-2007
BEN FREER (The Arable Group, Sutton Scotney, UK)

Improving spray application techniques in Flemish greenhouses
PASCAL BRAEKMAN (ILVO, Technology & Food Agricultural Engineering, Merelbeke, Belgium)

Impact of nozzle selection on efficacy of pre-emergence herbicides
RON STOBART (The Arable Group, Morley, UK)

Identifying changes in soil microbial population under frequent cropping with OSR
RON STOBART (The Arable Group, Morley, UK)

ASSOCIATION OF APPLIED BIOLOGISTS

President: Professor Peter J Lea, BSc, PhD, DSc

A two day conference

at the East of England
Showground, Peterborough

on 10-11 February 2009

PROGRAMME &
BOOKING FORM



*Crop Protection in
Southern Britain*



Bayer CropScience

Association of Applied Biologists
The Warwick Enterprise Park
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Dow AgroSciences



CROP PROTECTION IN SOUTHERN BRITAIN

PROVISIONAL PROGRAMME

TUESDAY 10 FEBRUARY

9.15-10.00 **REGISTRATION AND COFFEE**

10.00-10.10 **INTRODUCTION**

STUART KNIGHT (The Arable Group, Morley, UK)

Session 1 : Regulatory, Environmental and Consumer Considerations

Session Organiser: STUART KNIGHT (The Arable Group, Morley, UK)

10.10-10.40 *Invited speaker – Sponsored by Dow AgroSciences*

Agronomic implications from the UK about availability of plant protection products

DAVID RICHARDSON (Pesticide Safety Directorate, York, UK)

10.40-11.00 **The MiniMizer™ project: A practical approach to residue management**

STEPHEN HUMPHREYS (Bayer CropScience Ltd, Cambridge, UK)

11.00-11.20 **Mycotoxin legislation - what's in store for the future?**

PHILIP JENNINGS (Central Science Laboratory, CSL, York)

11.20-11.50 **COFFEE**

Session 2 : Disease Control

Session Organiser: VICKY FOSTER (Home Grown Cereals Authority, London, UK)

11.50-12.10 **Reduction of mycotoxins in wheat with foliar applications of prothioconazole**

NIGEL GODLEY (Bayer CropScience, Cambridge, UK)

12.10-12.30 **Review of the use of inorganic salts as fungicides**

THOMAS DELIPOULUS (Harper Adams University College, Newport, UK)

12.30-12.50 **The inorganic salt potassium chloride as a foliar fungicide for wheat**

PETER KETTLEWELL (Harper Adams University College, Newport, UK)

12.50-13.00 **DISCUSSION**

13.00-14.00 **LUNCH**

14.00-14.20 **Impact of shortened rotations on rhizosphere microbial populations on OSR**

PETER MILLS, SALLY HILTON, AMANDA BENNETT, ROSIE ATWOOD, GARY BENDING, DAVE CHANDLER & JOHN WHIPPS (Warwick HRI, University of Warwick, Wellesbourne, UK)

- 14.20-14.40 **Practical implications of fungicide performance data from winter oilseed rape**
P GLADDERS, A MOORE, FAYE RITCHIE & JULIE A SMITH (ADAS Boxworth, Cambridge, UK)
- 14.40-15.00 **Environmental and economic implications of interactions between disease control and nitrogen use**
PETER BERRY (ADAS High Mowthorpe, Malton, UK) & PETER GLADDERS (ADAS Boxworth, Cambridge, UK)
- 15.00-15.20 **Survival of the inoculum of powdery mildew of strawberries and its importance in integrated control**
AVICE HALL (University of Hertfordshire, UK)
- 15.20-15.30 **DISCUSSION**
- 15.30-16.00 TEA
- 16.00-16.20 **A new fungicide for broad spectrum disease control and maximize yields in sugar beet**
EILEEN BARDSLEY & MARTYN BUSH (Bayer CropScience, Cambridge, UK)
- 16.20-16.40 **Monitoring "in season" and long term changes in yields of sugar beet**
MARION SELF (The Arable Group, Morley, UK)
- 16.40-17.30 **POSTER SESSION**

WEDNESDAY 11 FEBRUARY 2009

09.00-09.30 **REGISTRATION AND COFFEE**

09.30-10.00 *Invited speaker*

Functional diversity and problem prevention

MARTIN WOLFE (Elm Farm Research Centre, Newbury, UK)

Session 3 : *Weed Management*

Session Organiser: BEN FREER (The Arable Group, Sutton Scotney, UK)

10.00-10.20 **GF-1364, a new product for the control of ryegrass, wild oats and brome species**
DILWYN HARRIS (Dow AgroSciences Ltd, King's Lynn, UK)

10.20-10.40 **The value of pre-emergence herbicides for combating herbicide resistant black grass (*Alopecurus myosuroides*)**
STEPHEN MOSS (Rothamsted Research, Harpenden, UK)

10.40-11.00 **The relative influence of agronomic factors on weed growth and crop yield loss**
JOHN CUSSANS (Rothamsted Research, Harpenden, UK)

11.00-11.30 **COFFEE**

ASSOCIATION OF APPLIED BIOLOGISTS

President: Peter J Lea, BSc, PhD, DSc

Crop Protection in Southern Britain

at the East of England Showground, Peterborough, UK

on 10-11 February 2009

BOOKING FORM

SURNAME: INITIALS:

TITLE (Prof/Dr/Mr/Mrs/Ms or other):

PREFERRED NAME FOR BADGING:

STATUS (Delete as appropriate):
AAB Member/Retired Member/
AAB Student Member/
Non-Member*/Student Non-Member*

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NOTES

- 1. STUDENTS. It is the Association's policy to grant reduced registration fees to students. This provision is subject to space being available and booking forms must be accompanied by a signed statement from the student's supervisor attesting that he/she is a full-time student. If students would like to apply for an AAB Student Travel Grant (travel within the UK only) please send your request in writing to the AAB Office. Forms are available on the AAB Web Page: <http://www.aab.org.uk>
- 2. Conferences of the Association are private but visitors are most welcome. The publishing of reports of papers given at these conferences should only be done with the permission of the organiser and the authors of the papers concerned, who may require to see proofs before this permission is given.
- 3. The Association would like to send you details of relevant conferences in the future. Please tick box if you do not want to receive these details
- 4. Please note that photographs are sometimes taken at AAB conferences which we publish in our Newsletter to members.

*AAB full membership for 2008 is £49.00 and £24.50 for students
For further details on membership contact the AAB Office

BOOKING REQUIREMENTS

Section ONE (VAT Reg. No: GB 326 8075 49 - Charges are VAT inclusive).

Registration includes attendance at the conference, a copy of *Aspects of Applied Biology* 91, coffee, lunch and tea.

WHOLE CONFERENCE REGISTRATION (by 31 January 2009)

AAB Members	£125.00	.....
AAB Members (retired option).....	£120.00	.....
AAB Student Member.....	£95.00	.....
Non-members.....	£175.00*	.....
Student non members.....	£120.00*	.....

SINGLE DAY CONFERENCE REGISTRATION (by 31 January 2009) Tues 10 Wed 11

AAB Members	£70.00	.....
AAB Members (retired option).....	£75.00	.....
AAB Student Member.....	£50.00	.....
Non-members.....	£100.00*	.....
Student non members.....	£65.00*	.....

Late booking surcharge (after 31 January 2009)..... £25.00

Section TWO

Dietry Requirements

Vegan	YES/NO	Vegetarian	YES/NO
No red meat	YES/NO	Wheat intolerant	YES/NO
Dairy intolerant	YES/NO		

How did you learn of this conference?

Printed flier	Organisation noticeboard
From a colleague	AAB Website
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Your Organisation

Higher Education	Research Institute
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Private Individual	Press

A charge of £25.00 will be made on any cancellations. No refunds will be given after 31 January 2009

The completed booking form should be returned as soon as possible with payment. Payment may be made by cheque (made payable to **AAB**) or by credit card (VISA, Mastercard or Delta). If payment is made by credit card, please complete below. Please send to: Conference Registration, AAB Office, the Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK. Bookings can also be made online via our conference booking system - <http://www.aab.org.uk>

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