

ASSOCIATION OF APPLIED BIOLOGISTS

President: Professor Christine Watson



Proudly supported by



in association with



A one and a half day conference

**at the Mercure Hotel, Brighton Seafront,
on 12 November 2018, and the nearby Hilton
Metropole, Brighton on 13 November 2018**

PROVISIONAL PROGRAMME

Crop Protection in Southern Britain 2018

Photograph reproduced by kind permission of Househam Sprayers

Association of Applied Biologists, Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK

Registered Charity No. 275655; <http://www.aab.org.uk>

Tel: +44 (0)2476 575195; Fax: +44 (0)1789 470234; Email: John@aab.org.uk

Crop Protection in Southern Britain 2018

in association with BCPC and AHDB

at the Mercure Hotel, Brighton Seafront (12 Nov 2018) and the
nearby Hilton Metropole Hotel, Brighton (13 Nov 2018)

(BASIS Points will be applied for)

The conference, which is the sixth in this series, will provide a major platform for recent developments in crop protection, with a focus on dissemination to advisers and practitioners. Papers are likely to range in content from those with a high biological science focus, to those that report new options for chemical or non-chemical control approaches to weed, pest and disease management in crops.

PROVISIONAL PROGRAMME

MONDAY 12 NOVEMBER 2018 (Mercure Hotel, Brighton Seafront)

09:00 **REGISTRATION**

09:50 **WELCOME and INTRODUCTION**
JIM ORSON (BCPC, UK)

Session 1: Fungicides

Chair: PAUL GOSLING (AHDB Cereals & Oilseeds, Warwickshire)

10:00 **Mancozeb: for disease control and fungicide resistance management**
PAMELA A CHAMBERS (UPL Europe Ltd, Cheshire, UK)

10:15 **Control of Ramularia leaf spot in barley crops**
NEIL HAVIS, HENRY CREISSEN & FIONA BURNETT (SRUC, Edinburgh, UK)

10:30 **The role of new triazole, St and SHDI based fungicides in controlling septoria in winter wheat**
SYED SHAH, CLARE BEND, ANDREW RICHARDS & SARAH WILKINSON (Agrii Technology Centre (AgriiFocus), Swindon, UK)

10:45 **Yield loss and control of soil-borne *Rhizoctonia solani* AG2-1 in oilseed rape**
DASUNI P JAYAWEERA, DANIEL J BEECH (University of Nottingham, Loughborough, UK),
MICHAEL TAIT (Syngenta UK Limited, Cambridge, UK) & RUMIANA V RAY (University of Nottingham, Loughborough, UK)

11:00 **Pathogenic variation in *Plasmodiophora brassicae* and implications for clubroot control in the UK**
JULIE SMITH (ADAS Rosemaund, Hereford, UK), Fiona Burnett (SRUC, Edinburgh, UK), &
Tim Boor (ADAS Boxworth, Cambridge, UK)

11:15 **DISCUSSION**

11:30 **COFFEE**

Session 2: Annual Grass Weeds

Chair: RICHARD HULL (Rothamsted Research, Herts, UK)

11:55 **Does herbicide resistance decline in *Alopecurus myosuroides* populations once herbicide use ceases?**

STEPHEN MOSS (Stephen Moss Consulting, Herts, UK) & RICHARD HULL (Rothamsted Research, Herts, UK)

12:10 **The impact of stubble cultivations on black-grass (*Alopecurus myosuroides*) populations in following crops in different seasons**

JOHN W CUSSANS (NIAB TAG, Cambridge, UK), STEPHEN MOSS (Stephen Moss Consulting, Herts, UK) & CHARLIE RICHES (AgHerba Consultants, Somerset, UK)

12:25 **Tracking the changes of a black-grass (*Alopecurus myosuroides*) population over six years: a pragmatic approach**

DANIEL HEWITT, WILLIAM SMITH & JOHN CUSSANS (NIAB TAG, Cambridge, UK)

12:40 **Presence and distribution of brome weeds in UK arable farming**

LAURA DAVIES (ADAS Boxworth, Cambridgeshire, UK) & RICHARD HULL (Rothamsted Research, Herts, UK)

12:55 **DISCUSSION**

13:10 **LUNCH**

Session 3: IPM

Chair: STEPHEN MOSS (Stephen Moss Consulting, Herts, UK)

14:00 **Enhancing the competitive ability of hybrid barley for the control of black-grass (*Alopecurus myosuroides*) in the UK**

SARAH K COOK (ADAS Boxworth, Cambridge, UK) & PAUL ROCHE (Syngenta UK Limited, Cambridge, UK)

14:15 **Can allelopathy make a contribution to integrated weed management in UK cropping systems?**

JOHN READE (Harper Adams University, Shropshire, UK)

14:30 **Evaluation of resistance levels to *Verticillium* wilt in UK oilseed rape varieties, and relevance to productivity**

JANE THOMAS (NIAB, Cambridge, UK) & FAYE RITCHIE (ADAS Boxworth, Cambridgeshire, UK)

14:45 **The effect of the interaction of fungicide x bio-stimulant in controlling foliar diseases in winter wheat and spring oats**

SYED SHAH, CLARE BEND, ANDREW RICHARDS & SARAH WILKINSON (Agrii Technology Centre (AgriiFocus), Swindon, UK)

15:00 **DISCUSSION**

15:15 **TEA**

Session 4: Pest control after the loss of the neonicotinoid seed dressings

Chair: STEVE FOSTER (Rothamsted Research, Herts, UK)

15:40 Resistance to the remaining insecticides in UK pests

STEVE FOSTER, LINDA OLIPHANT & MARTIN WILLIAMSON (Rothamsted Research, Herts, UK)

15.55 Non-chemical control options for cabbage stem flea beetle in oilseed rape

SACHA WHITE (ADAS Boxworth, Cambridge, UK), S ELLIS (ADAS High Mowthorpe, North Yorkshire, UK), S KENDALL (ADAS Gleadthorpe, Nottinghamshire, UK) & P BERRY (ADAS High Mowthorpe, North Yorkshire, UK)

16:10 Post neonicotinoids: Monitoring the geographical spread and intensity of cabbage stem flea beetle infestations in oilseed rape and exploring strategies for improving crop establishment

SIMON KIGHTLEY (NIAB TAG, Cambridge, UK)

16:25 Consequences and implications of growing sugar beet without neonicotinoid seed treatments

MARK STEVENS (BBRO, Norwich, UK)

16:40 Pest control in cereals and vegetables in a post-neonicotinoid world will require greater reliance on IPM approaches

ALAN DEWAR (Dewar Crop Protection, Suffolk, UK)

16:55 DISCUSSION

17:20 SESSION CLOSES

18:30 WINE RECEPTION (Hilton Metropole Hotel, Brighton)

19:30 AAB CONFERENCE DINNER (Mercure Hotel, Brighton)

TUESDAY 13 NOVEMBER 2018 (Hilton Metropole Hotel, Brighton)

09.00 Welcome and Introduction

Dr. COLIN RUSCOE (BCPC, UK)

Topic title to be confirmed

Chair: TONY PEXTON (BCPC, UK)

09.15 TBC

09.50 How will Brexit change crop protection for UK farmers and growers?

CHRIS HARTFIELD (NFU, Warwickshire, UK)

10.20 Brexit

DAVE BENCH (Chemicals at Health and Safety Executive, York, UK)

10.40 TEA

Topic title to be confirmed

Chair: DR SUSANNAH BOLTON (ADHB, Warwickshire, UK)

11.15 Issues and opportunities for agrichemicals in the New Zealand cropping industry

NICK PYKE (Foundation For Arable Research (FAR), NZ)

11.45 **Anticipating the withdrawal of glyphosate in France: some technical and economic elements**
LUDOVIC BONIN (ARVALIS – Institut du Vegetal, France)

Chair: Dr. Colin Ruscoe

12:15 **Q&A Session**

12:45 **LUNCH (Hilton Metropole Hotel)**

AAB

FORWARD CONFERENCE PROGRAMME

2018

- 26 September **AAB AGM (AAB members and their guests only)**
Rothamsted Research, Harpenden, Herts AL5 2JQ, UK
- 16 October **Soil Improvement: Impact of Management Practices on Soil Function and Quality**
Sophi Taylor Conference Centre, NIAB, Cambridge UK
(CATE/Soil Biology Group)
- 6-7 November **Dose Expression Workshop**
The School of Agriculture, Universitat Politècnica De Catalunya,
Barcelona, Spain (Pesticide Application Group)
- 12-13 November **Crop Protection in Southern Britain**
Mercure Hotel, Brighton Seafront, UK (CATE Group; in conjunction
with BCPC and AHDB) and Brighton Hilton Metropole, Hotel, Brighton
- 05-06 December **Adding value to field crop genetic resources**
John Innes Centre, Norwich, UK (Plant Physiology and Crop
Improvement Group)
- 11 December **Advances in Nematology**
Linnean Society of London, Piccadilly (Nematology Group)
- 12-13 December **Advances in IPM 2018 - IPM: Making it work for the Farmer**
Ramada Grantham Hotel, Marston, Lincs (Biocontrol & IPM Group)

2019

- February **The environment, farming, food and dietary health**
TBC The Royal Botanic Garden, Edinburgh (Food Systems Group)

Association of Applied Biologists, Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK
Registered Charity No. 275655; <http://www.aab.org.uk>
Tel: +44 (0)2476 575195; Fax: +44 (0)1789 470234 Email: John@aab.org.uk



Crop Protection in Southern Britain 2018

in association with BCPC and AHDB

at the Mercure Hotel, Brighton Seafront (12 Nov 2018) and the
nearby Hilton Metropole Hotel, Brighton (13 Nov 2018)

(BASIS points will be applied for)

BOOKING FORM

SURNAME: INITIALS:

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

PREFERRED NAME FOR BADGING:

STATUS (Delete as appropriate): AAB/BCPC/AICC Member/Retired Member/Student Member or AHDB Levy Payer
Non-Member*/Student Non-Member*

MAILING ADDRESS:

..... POST CODE:

Tel No: Fax No: E-mail:

The AAB would like to keep you up to date with Newsletters, upcoming conferences and updates.
If you would like to receive this information in the future please tick the relevant box.

By post By Email Signature..... Date.....

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 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. Please note that photographs are sometimes taken at AAB conferences which we publish in our Newsletter to members.

*AAB full membership for 2018 is £60.00 and £20.00 for students
For further details on membership contact the AAB Office

