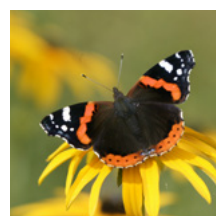
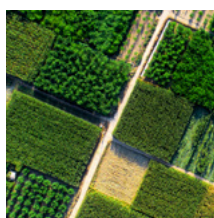
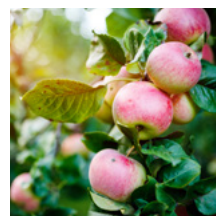
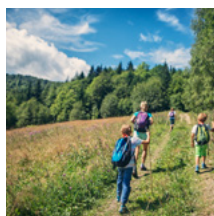


# UK Expert Committee on Pesticides Annual Report 2021

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Department for Environment, Food and Rural Affairs  
Health and Safety Executive



**eCP**



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This document is available at <https://www.gov.uk/government/groups/expert-committee-on-pesticides>

# Chair's Foreword

Welcome to the 2021 Annual Report of the UK Expert Committee on Pesticides (ECP). The Committee provides independent scientific advice (ISA) to UK Government and the Devolved Administrations on matters related to the approval, authorisation and use of Plant Protection Products (PPPs).

It will not be a surprise to readers that the Committee's activities focussed on supporting the Government in implementing a stand-alone regime for provision of ISA now that the UK has left the EU. Over the last couple of years, the ECP devoted a considerable amount of time and effort, both within and outside the normal meeting cycles, to establish procedures that will enable the government to receive ISA related to the approval of PPPs. During 2021, we have put these new arrangements into practice in reviewing a new active substance. We continue to review our procedures and take what we have learnt to refine the process further to improve the arrangements that ensure that the Government has access to robust ISA as part of its decision-making process.

There has been a significant change in the make-up of the Committee. We were joined in 2021 by Professor Michael Eddleston and Professor Matthew Wright, two new toxicology experts, alongside Mr James Clarke and Mr Patrick Stephenson as experts in agronomy. They succeed Dr Chris Morris, Professor Andy Smith, Dr Martin Hare and Mr Richard Davis. Chris, Andy, Martin and Richard all leave the Committee after completing the maximum ten-year term as Members of the ECP, with Professor Tom Hutchinson also leaving after nine years to take on a new role. We note our thanks to all for their outstanding, perceptive and helpful contributions over many years and wish them success in their new ventures and activities.



Many individuals and organisations contribute to ECP's work. This includes: Committee Members, Advisors and Assessors who fully and robustly discuss the important and complex matters that come before ECP, displaying great understanding, judgement and expertise in addressing the interesting issues we consider. Their contribution has further helped ensure the Committee was able to work effectively under trying circumstances and continue to provide robust advice in a fully virtual manner. It is also right to acknowledge the role of the Government officials and representatives of other organisations who have been questioned by and/or advised us. It is critical that a range of opinions is considered and that arguments and views are fully tested in order that our advice is soundly based. We appreciate the time and effort given by all those who have helped ensure ECP has a deep, comprehensive and current understanding of relevant issues and that pesticides are regulated in the most appropriate fashion.

We are sure you will find this report an interesting and informative summary of the Committee and its work. If you have any questions about this report and/or our activities, please contact our Secretariat whose contact details can be found on page 23.

A handwritten signature in black ink that reads 'William Cushley'. The signature is written in a cursive style with a long, sweeping underline that extends to the right.

Professor W Cushley  
Chair, UK Expert Committee on Pesticides

# Role of the Committee

The ECP is an Expert Committee providing independent scientific advice to Ministers in the UK and devolved administrations on the authorisation of PPPs in the UK and on other matters related to the control of pests more broadly. Our Terms of Reference are set out in Annex 1.

A list of our Members can be found at Annex 2. Our Committee contains a comprehensive range of expertise. Some of us are academics working in specialist areas of study relevant to assessing the risks and benefits of pest, weed and disease control, while others are members appointed to consider issues from a public perspective. We also include those with practical experience of pesticide use and regulation in the farming and amenity sectors amongst our numbers.



Members are appointed following open public recruitment. We are appointed as independent individuals, not representing any particular interest. In line with the Nolan principles on public life we have declared any aspects of our work that may be perceived to present a potential conflict of interest. Members also work in accordance with the Committee's Code of Practice. We declare and describe any potential conflict of interest.

We seek to operate objectively and transparently, publishing the agendas of our meetings and a detailed record of our discussions and hold occasional open meetings. We aim to place information in the public domain. However, this is constrained by the Governments need to protect commercially sensitive information. Therefore, in some cases, we do not publish all material.

## Our work in 2021

Day-to-day regulation of PPPs is carried out by the Health and Safety Executive (HSE) on behalf of the four Administrations. Anyone wishing to market pesticides must obtain an authorisation to do so. Authorisations are granted by HSE provided a robust evaluation of data demonstrates that use of the product will not harm human health or have unacceptable effects on the environment. Legal restrictions may be placed on the way products must be used (for example, amount applied, timing of application, need for operators to wear protective clothing, avoiding applications close to environmental features, etc.) to ensure safety and environmental protection.

ECP business involves consideration of a small proportion of HSE work, generally the more difficult and novel cases. The ECP considered thirty-three emergency authorisations under Article 53 of Regulation No. 1107/2009 in 2021, a substantial part of our workload. ECP provided advice to Governments on whether, based on the scientific evidence and data presented to it, a suitable case had been made to enable ECP to provide ISA in support of a regulatory decision to grant the authorisation (see Annex 5). For both emergency authorisations and new active/product authorisation applications, the ECP recognises that the four administrations also obtain advice from other expert and independent advisory bodies in reaching their final conclusions on a regulatory decision. The majority of these emergency authorisations related to production challenges caused by pests in agricultural situations perhaps reflecting the loss of access to PPP required by growers, as products are withdrawn from the market. Other emergency authorisation applications related to horticulture, ornamental cultivation, amenity grassland, managed amenity turf and forests.

The ECP remains actively involved in the Northern Irish regulatory regime, advising DAERA and the Northern Irish Government alongside the other UK administrations. DAERA provide regular briefings to the Committee on the developments and issues relating to the Ireland/Northern Ireland protocol.

The Committee's input into the decision-making process continues to place a significant focus on using our expertise to understand the nature and degree of risk associated with proposed uses, the mitigation of those risks and the case for need. This does not, however, constrain us from developing a wider scientific view on these applications.

Notable applications which we considered related to the use of:

- an insecticide to cover five pest species and up to eleven host tree species in case of a UK-wide outbreak of the identified pests. The Committee noted that any use would be limited and controlled but felt the risk to honeybees could not be finalised without further exposure data. ECP had further concerns that an emergency authorisation under Article 53 of Regulation No 1107/2009 was not the correct process for the proposed use and offered, with Government, to develop protocols to facilitate a more appropriate evaluation
- products to provide a control programme for spotted wing drosophila (an invasive pest) on a range of soft fruit crops. We advised that any future applications should require the collection and submission of further data and the demonstration of appropriate pest management criteria
- three neonicotinoid foliar sprays on sugarbeet. ECP noted the predicted exposure to operators, bystanders and consumers was within acceptable limits. However, ECP did not believe that the case for need was established by the data presented to the Committee



Other aspects of our work included considering and/or advising on activities related to:

- **co-operating with industry in assessing and mitigating the risks from pesticide use.** We reviewed and advised HSE in their work on the use of pyraclostrobin and clopyralid products. This built on the previous success of the ECP, HSE and industry in developing the aminopyralid stewardship scheme. We welcome the pro-active approach taken by the authorisation holders and would encourage any further work towards developing an industry-wide strategy
- **the authorisation of pesticide products.** Following the establishment of new arrangements for the provision of ISA relating to the approval of active substances, we advised on the first national authorisation of two products containing active substances not previously authorised in the UK
- **monitoring data and reviewing evidence.** We reviewed and provided advice on the UK Harmonised Risk Indicators (HRI), advised on reviews of Thresholds of Toxicological Concerns (TTC) in groundwater assessments of Plant Protection Products, and reviewed how risk assessments model drain flow exposure to aquatic life. The ECP also considered reports produced by the Pesticides Usage Survey Programme and National Poison Information Service. We were updated on the work and findings of the Pesticide Residues in Food monitoring programmes and noted the Annual Indicators Report prepared by the Pesticides Forum. Finally, some of our members co-operated with the Hazardous Substances Advisory Committee (HSAC) to produce a joint report on the environmental and human health impacts of copper
- **developing capability.** We have worked to ensure the Committee could provide appropriate support to the newly independent GB regulatory system. The Committee has engaged with sessions dedicated to ongoing regulatory developments following EU exit, the compliance and enforcement of regulations, and setting of Maximum Residue Levels (MRLs) to consider how we could best support and advise Government. We have further advised on the development of the National Action Plan for Sustainable use of Pesticides, the development of Defra's Chemical Evidence strategy, and HSE's New Technology strategy, and engaged with a review into the structure and delivery of ISA



## ANNEX 1

# Terms of Reference

### Purpose of the Committee

1. The UK Expert Committee on Pesticides (the Committee) is established to provide independent scientific advice on matters relating to the effective control of pests,<sup>1</sup> including advice on approval and authorisation of pesticides.<sup>2</sup> In this work, the Committee will take account of the general purposes of Part III of the Food and Environment Protection Act 1985 (FEPA) as set out in Section 16(1) of the Act. These are:
  - a. the continuous development of means:
    - i. to protect the health of people, creatures and plants;
    - ii. to safeguard the environment; and
    - iii. to secure safe, efficient and humane methods of controlling pests;
  - b. making information about pesticides available to the public.
2. The Committee shall provide advice and views to the Ministers listed below on any matter within its remit, either in response to a request or at the Committee's initiative. The Committee will normally provide its advice to the Assessors (provided for in paragraph 14 below) but may provide advice directly to all or any of the following Ministers (referred to collectively in this document as 'the Ministers'): the Secretary of State for Environment, Food and Rural Affairs, the Secretary of State for Work and Pensions, the Secretary of State for Health and Social Care, Scottish Ministers, the Welsh Ministers and the Minister for Agriculture, Environment and Rural Affairs in Northern Ireland.
3. The Committee will be consulted on regulations relating to the general purposes of Part III of FEPA and falling within its remit which any or all of the Ministers contemplate making.

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1 'pest' means: any organism harmful to plants or to wood or other plant products, any undesired plant, and any harmful organism. This definition is not intended to place a strict limit on the Committee's remit.

2 'pesticide' means any substance, preparation or organism prepared or used for destroying or controlling any pest. It includes everything within the scope of the current and retained Regulation (EC) No. 1107/2009 concerning the placing of plant protection products on the market. This definition is not intended to place a strict limit on the Committee's remit.

## Role of the Committee

4. The lead Defra Minister will set the Terms of Reference for the Committee with the consent of the Ministers. Any proposal to vary these Terms of Reference or abolish the Committee would also be subject to agreement by all the Ministers. In all these cases the Committee itself will be consulted; the Ministers will ultimately set the Terms of Reference of the Committee, while the Committee will determine its ways of working, adhering to the requirements in these Terms of Reference and Code of Practice.
5. The Ministers may receive: strategic work plans for particular areas of on-going work; reports and advice; and periodic reviews of the Committee's functions, public benefits and value for money.
6. The Committee will, as appropriate and within its remit:
  - contribute to developing the evidence base, analysing and interpreting evidence and providing judgements on quality and relevance
  - support policy development and evaluation, including by undertaking risk assessment and assessing new regulations and proposals for deregulation
  - advise on the scope for specific projects and research
  - contribute to best practice advice and formal guidance
  - provide independent scientific advice on applications for the approval of new active substances and active substance renewals
  - provide independent scientific advice on setting maximum residue levels (MRLs), as part of, or separate to advice provided on applications for approval of active substances
  - provide suggestions on optimising the Committee's role as part of the process for the approval of active substances, the setting of MRLs and the authorisation of products
  - produce an Annual Report of all work undertaken and contribute, if required, to Defra's Chief Scientist's Annual Report
  - provide advice on any other issue as requested by HSE, Defra or the devolved administrations relating to the use of pesticides, and prioritising these requests against existing work schedules
  - help the response to emergency situations by providing expert advice and opinion

7. The Committee will provide independent advice and operate in line with the [Principles of Scientific Advice to government](#) and the [Code of Practice for Scientific Advisory Committees](#).
8. The Committee will make its scientific advice and views available to the public and other interested parties in a way which aims to be comprehensive, clear and timely. The Committee will decide its own publication schedule.
9. Defra's Chief Scientific Adviser (CSA) will maintain an oversight of the work of the Committee and will meet regularly with its Chair.

## Appointments and conduct of Members

10. The Chair and the Members of the Committee are independent appointments made through open competition, in line with the [Governance Code](#) on Public Appointments. Appointments are made by the Senior Responsible Owner within Defra in agreement with: Department of Work and Pensions; Department of Health and Social Care; Food Standards Agency; Department of Agriculture, Environment and Rural Affairs for Northern Ireland; Scottish Government; and the Welsh Government. These bodies will also agree the plans for each recruitment exercise.
11. Members are expected to act in accordance with the [seven 'Nolan' principles of public life](#).

## Working groups and additional expertise

12. Subject to the availability of funds, the Committee may: establish groups to support aspects of its work; and bring in additional expertise (from the UK or abroad) to advise on specific issues.

## **Advisers**

13. Advisers are officials, from any of the UK administrations, with specialist expertise who can advise the Committee. At the time of preparation of these Terms of Reference, advisers are drawn from Defra, the Environment Agency, the Food Standards Agency, the Health and Safety Executive, Public Health England and Natural England (and equivalent Devolved Administration bodies). Any future additions to this list will be arranged by agreement between the Committee and the relevant Department or body. Advisers shall receive the meeting documents at the same time as Committee members and have the right to attend Committee meetings. They will contribute to discussions when invited to do so.

## **Assessors**

14. Each of the following appoints one of their officials as an Assessor: Department for Environment, Food and Rural Affairs; Department of Work and Pensions; Department of Health and Social Care; Food Standards Agency; Department of Agriculture, Environment and Rural Affairs for Northern Ireland; Scottish Government; and the Welsh Government. Assessors receive and respond to the advice and views supplied by the Committee to their Ministers. Where appropriate, they are responsible for seeking the views of their Minister on the advice from the Committee. Assessors shall receive the meeting documents at the same time as Committee members and have the right to attend ECP meetings. They will contribute to discussions when invited to do so.

## ANNEX 2

# Members

(as of 31 December 2021) and declarations of interest. The ECP is a successor body to the Advisory Council on Pesticides (ACP). The ACP was abolished in March 2015, all existing appointments to the ACP were continued without interruption to the ECP.

### Chairman

**Professor William Cushley** is Professor of Molecular Immunology and Assistant Vice-Principal (International) at the University of Glasgow, where he also serves as Co-Director of the Glasgow-Caribbean Centre for Development Research. His research interests are in B cell development in health and disease. He has served as chair of the board of trustee directors of the Babraham Institute in Cambridge and is the current Chair of Health and Life Science review panels for the European Science Foundation. Bill was appointed to the ACP in 2014.

No interests declared.

### Deputy Chairman

**Professor Rod Blackshaw** is a soil ecologist with a background in ecotoxicology and pest management. He has particular interests in the functioning of soils, and the management of soil pests by understanding their population dynamics and behaviours at different spatial scales through the application of mathematical and statistical models. Previous roles have included Director of the Regional Food Technology Transfer Centre and Centre for Agricultural and Rural Sustainability, both at Plymouth University and farming on his own account. Rod was appointed to the ACP in 2014 and assumed the role of deputy Chairman at the beginning of 2018.

Personal interests:

- Fellow of the Royal Entomological Society.
- Member of the Devon Wildlife Trust.
- Committee Member and Treasurer of Chudleigh Wild.

## Members

**Ms Helen Chambers** is a Chartered Occupational Hygienist in the Health and Safety Executive. She specialises in understanding human exposure to hazardous substances and management of the risks presented in a wide range of workplaces. She has previously worked in water, pharmaceutical and wine making industries. Helen was appointed to the ECP in 2016.

No interests declared.

**Mr James Clarke** is Research Director at ADAS. He specialises in crop production, especially sustainable agriculture, integrated farming and the impacts of arable farming on the environment. James is an Associate of Royal Agricultural Societies (ARAgS) and was Chairman of the Pesticides Forum, a member of the Advisory Committee on Pesticides (ACP). He is Chairman of UK Weed Resistance Action Group steering committee. James was appointed to the ECP in 2021

Non-personal interests:

- ADAS carries out work for crop protection companies, Defra and other Government and levy bodies (e.g. AHDB) in respect to crop protection. ADAS is officially recognised as an efficacy testing organisation in the UK, and carries out work to this effect.

**Mr Richard Davis** is formerly Director of HSE's Chemicals Regulation Directorate responsible for the authorisation of pesticides, biocides and chemicals in the UK, including all the disciplines involved in the scientific risk assessment and regulatory operations for the UK regulatory organisation. Extensive experience of participation in the EU regulatory environment plus five years as Chair of the OECD Pesticides Working Group. Previously Head of Efficacy Branch in Pesticides Safety Directorate and Head of Pesticide Usage Survey Group in Central Science Laboratory. He has spent 16 years in plant pathology research studying rational pesticide usage for pest and disease control in soft fruit, vegetables and agricultural field crops. Extensive experience of pests, diseases and agronomy of horticultural and agricultural crops, including both chemical and alternative control options. Richard was appointed to the ACP in 2011.

No interests declared.

**Mr Mark Dempsey** is a Kew Gardens Mentor for the Grow Wild Project, Keep Britain Tidy International Green Flag Award judge which includes judging sites abroad and within the UK, Blue Flag judge (international quality beach award) and Purple Flag judge for the night time economy. He previously worked as support services manager in Calderdale Council. A founding member of the Northern Amenity Forum, Mark is also the lay member for environmental issues and was appointed to the ECP in 2016.

No interests declared.

**Professor Michael Eddleston** is a clinical toxicologist working for the University of Edinburgh, Royal Infirmary of Edinburgh, and UK's National Poisons Information Service (NPIS). His research interests are in the human consequences and treatment of acute exposures to pesticides, both in the UK and globally, particularly in South Asia. He sits as a WHO Expert on the FAO/WHO Joint Meeting on Pesticide Management (JMPM). Michael was appointed to the ECP in 2021.

No interests declared.

**Dr James Garratt** is a Principal Consultant at Enviresearch, part of the RSK group. He is a scientist with a special interest and passion for the assessment of the risks of chemicals to the environment. He has been working with environmental models since 1996. His work has included many assessments of chemical fate for commercial clients, in particular where advanced (or higher-tier) assessments are required. He has also contributed to the advancement of science through his work on risk assessment in greenhouses; the MERLIN-Expo modelling tool; and sensitivity analysis in drainflow modelling. He is a member of the Institute of Professional Soil Scientists (IPSS) and the Society for Environmental Toxicology and Chemistry (SETAC). He is a Chartered Scientist and a regular reviewer of academic papers for research journals. James was appointed to the ECP in 2019.

Personal interests:

- Employed by Enviresearch as a consultant on pesticide risk assessments. Enviresearch provides scientific consulting services to a range of chemical companies in support of product approvals.
- Formerly Managing Director of, and shareholder, in Enviresearch.
- Member of the Agrisciences Committee, which organises events that may be sponsored by companies in the pesticide (or other chemicals) industry.

**Mr Martin Glynn** is a Fellow of the Institute of Chartered Foresters and a Chartered Environmentalist. He is a graduate of the University College of North Wales (Bangor) and the Open University. As a self-employed consultant, he works with clients in the public, private and third sectors providing advice and support regarding business, market and workforce development in the forestry industry. Martin is Chair of the ICF North England Regional Group and represents the Institute on the Forestry & Climate Change Working Group. He is a Trustee of the Forest Industries Education Fund and was formerly a Non-Executive Director of the National Forest Company. Martin was appointed to the ECP in 2019.

No interests declared.

**Dr Martin Hare** is a Principal Lecturer in Agronomy at Harper Adams University, where he is Associate Head of the Crop and Environment Sciences Department and Chair of the Research Degrees Standards Committee. He is BASIS qualified and has over twenty years' research experience working with pesticides. Martin was appointed to the ACP in 2011.

Non-personal interests:

- Line management responsibility at Harper Adams University for a number of academic staff who may at any time have research and/or research students funded by a range of funding bodies and commercial companies.

**Dr Caroline Harris** is a Principal scientist at Exponent International. She previously worked as an analytical chemist for MAFF and as a regulator (latterly Head of Human Health) at the Chemicals Regulations Directorate. She continues to be involved with MRLs, import tolerances and pesticide residues in international trade. She also remains highly active in the field of consumer risk assessment. Caroline is a Fellow of the Royal Society of Chemistry and also a member of the UK's Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT). Formerly a member of the ACP, Caroline was appointed to the ECP in 2020.

Current personal interests:

- Employer is a scientific consultancy which undertakes work for a range of chemical companies in support of product approvals.
- Share holder of Exponent Inc.



**Professor Tom Hutchinson** is an expert in the ecotoxicology and the risks posed by chemicals to freshwater and marine ecosystems. He is Professor of Environment and Health Sciences at the University of Plymouth. Tom was appointed to the ACP in 2013.

Current personal interests:

- University of Plymouth receives funding from a diverse range of organisations (including BBSRC, Defra, Environment Agency, EPSRC, European Commission, Food and Environment Research Agency Ltd., Food Standards Agency, Government Office for Science, Marine Scotland, Natural England, NERC, Wessex Water and other organisations).
- Government Office for Science: commissioned to contribute to an evidence review on marine pollution as part of the 'Futures of the Sea' project: Scientific consultancy to UK government (with payment).
- Marine Scotland: environmental risk assessment of aquaculture: Scientific advisory role (with payment).

Non-personal current interests:

- Food and Environment Research Agency Limited – NERC Industrial CASE award for a co-operative PhD research studentship on fungal toxins in aquatic ecosystems.
- Linnean Society of London – Fellow
- Royal Society of Biology – Fellow
- Higher Education Academy - Fellow

*[Supplemental information: relatives farming 200ha of land/employed by Swedish agricultural engineering company].*

**Professor Edward Lock** is Emeritus Professor of Industrial Toxicology at Liverpool John Moores University. His Research interests are in understanding the biochemical mechanisms whereby foreign chemicals produced selective toxicity to certain target organs. Organs of interest have included: kidney, brain, liver, lung and olfactory epithelium. Current research is focussed on treating a hereditary disorder of tyrosine catabolism called Acaptonuria, a bone disorder, which is responding well to Nitisinone, a herbicide that is now accepted as a drug for treatment for this disorder. Ted is a honorary Fellow of the British Toxicology Society, Fellow Royal College of Pathologists and a Fellow of Academy of Toxicological Scientists. Ted was appointed to the ACP in 2012.

No interests declared

**Dr Ruth Mann** is Head of Integrated Crop Technologies at Agrii. Her broad research background is integrated disease management in agricultural and horticultural crops, sports surfaces and amenity areas. Ruth is also interested in how enabling technologies can progress crop production, especially within decision support systems and precision management. Ruth is also an approved trainer for BASIS Amenity Horticulture. Ruth was appointed to the ECP in 2017.

Non-personal interests:

- Agrii completes multiple trials for the pesticide industry and is officially recognised as an efficacy testing organisation in the UK. Ruth is responsible for the teams completing this work. Agrii also provide consultancy services and products, including advice on pesticides and distribution of pesticides to the agricultural and horticultural industries.
- Formerly employed at STRI which completes multiple trials for the pesticide industry internationally and is officially recognised as an efficacy testing organisation in the UK. She is responsible for the teams completing this work. STRI also provides consultancy services, including advice on pesticides to the sports turf industry.

**Dr Chris Morris** is a Senior Lecturer at the Medical Toxicology Centre at Newcastle University. He is also a member of the Dementia and Neurodegenerative Diseases Group and the Complex Genetics and Pharmacogenetics Research Group at the University. His research interests are in the causes of neurological disorders. Chris was appointed to the ACP in 2012.

No interests declared.

**Dr Martin Rose** has worked for over 30 years as a government scientist with Fera (previously CSL, Defra, MAFF) with a focus on the application of analytical chemistry to studies on dietary exposure, toxicology, environmental pathways, environmental monitoring, food authenticity, ecotoxicology, risk assessment and contingency responses for environmental contaminants in food. He is a former head of UK National Reference Laboratory for chemical contaminants in food. Martin is a former member of the EFSA CONTAM and ANS Panels and is currently a member of several EFSA working groups. He is a member of the UK Government Scientific Advisory Committee Expert Group on Additives, Enzymes and other Regulated Products (part of Committee on Toxicity), a member of the FAPAS® advisory committee and a member of the all-Ireland safefood advisory committee. Since 2017, Martin has been working as an independent science consultant for organisations including Fera Science Ltd., the Universities of Manchester and Liverpool, United Nations (FAO and ITC) on publicly funded research projects, risk assessment activities, research project monitoring and evaluation, and supporting activities to implement food control systems in less developed countries. Martin has published widely, is an editorial board member for several journals and has supported the organisation of several international science conferences. Martin is a Fellow of the Royal Society of Chemistry where he is a Member of the Environment, Sustainability and Energy Division (ESED) Council and a committee member of the Food and Toxicology Interest Groups. Martin was appointed to the ECP in 2020.

No interests declared.

**Mr Patrick Stephenson** heads up an agronomy partnership acting as a senior consultant to 100 farm clients covering 18,000 ha. He also serves as a Regional Agronomist with the National Institute of Agricultural Botany assisting with farm research and knowledge transfer. He has served as Chairman of the Association of independent Crop Consultants, an organisation with over 270 members operating throughout the United Kingdom. He sits on the ADHB Cereals and Oil Seed Council and is Chair of the Recommended Wheat List. Patrick was appointed to the ECP in 2021.

No interests declared.

**Professor Andy Smith** is Honorary Professor in the department of Genetics and Genome Biology in the University of Leicester, visiting worker at the University of Cambridge and former senior scientist of the MRC Toxicology Unit. He has a wide range of experience in fundamental research and the mechanisms, genetic susceptibility and risk assessment of many types of contaminant, clinical and food chemicals in environmental and medical scenarios. He is a former member of the FSA Committee of Toxicity and EFSA working groups and Panel. Andy was appointed to the ACP in 2012.

No interests declared.

**Prof. David Spurgeon** is an experienced ecotoxicological researcher who has worked on assessing the effects of anthropogenic stressors and pollution on soil communities for over 25 years. Following a PhD studentship and post-doc at Reading University (1991-1997) and NERC Advanced Fellowship at the Centre for Ecology and Hydrology (1998-2003), he has worked at the Centre for Ecology and Hydrology (Monks Wood/Wallingford) on research projects to understand the responses of soil communities to pollutants. He has published >130+ ISI researcher papers on topics in this area. He is a visiting Professor at Reading University. David was appointed to ECP for 2020.

Personal interests:

- Lead co-ordinator of Syngenta ecological modeller research, UKRI Research Grant NE/S000244/2. Partnered with Syngenta in EU Horizon 2020 Marie Curie Training Network project CHRONIC 956009.
- CEH is involved in work with BASF material scientists in CEFIC LRI project Eco-59.

**Prof. Matthew Wright** is Professor of Toxicology at Newcastle University. He is also a member of the Stem Cells and Regenerative Medicine Group at the University. His research interests are in environmental chemicals and toxicity mechanisms, liver injury and the development of in vitro systems for modelling toxicity in the liver. He is also a member of the UK Committee on Toxicity. Matthew was appointed to the ECP in 2021.

Personal interests:

- Involved in a contract study of in vitro metabolism of three Lubrizol products from April 2019 to May 2020.

**Prof. Mick Whelan** is an environmental scientist at the University of Leicester specialising in the fate of organic chemicals, such as pesticides and pharmaceutical ingredients, and the transfer of nitrogen and phosphorus from agricultural land to surface waters. He has a PhD in applied hydrology from Leeds and did post-doctoral research in Exeter and Milan. Before joining the University of Leicester, he held academic posts at Stirling and Cranfield Universities, complemented by five years working in environmental modelling for Unilever. He has recently worked on and led a number of NERC, Defra, Environment Agency and industry-funded projects to better understand pollutant fate and transport. Mick was appointed to the ECP in 2018.

No interests declared

The Committee regularly reviews membership to ensure it has the right balance of expertise to meet the challenges it faces



## ANNEX 3

# Fees and reimbursement

Members of the ECP are not salaried staff but do receive a fee for attendance at meetings. They are not paid if they do not attend meetings, although they receive a preparation fee if they comment in writing.

### Chair's fees

Attendance fee £400

Preparation fee £150

### Deputy Chair and members' fees

Attendance fee £300

Preparation fee £150

The Chair and Members also receive reimbursement of reasonable actual travel and subsistence when attending meetings.

In 2021, the cost of member's fees related to committee work, three recruitment campaigns and future planning for the Committee was £68,000. This is a reduction in cost when compared to previous years which reflects the reduced expenses associated with virtual meetings.

The ECP is assisted in the committee by the following officials:

**Departmental assessors** are officials who receive and respond to the advice/ recommendations supplied by the Committee to Ministers on behalf of their department. Where appropriate they are responsible for seeking the views of their Minister on the advice from the ECP.

### Departmental assessors as at 31 December 2021

**Mr David Williams** Department for Environment, Food and Rural Affairs (Defra)

**Mr Richard Broughton** Health and Safety Executive (HSE)

**Ms Gillian Reay** Science and Advice for Scottish Agriculture (SASA), representing Scottish Government

**Ms Henry Penrose** Department of Health and Social Care

**Mr Mark Willis** Food Standards Agency (FSA)

**Mr Martin Williams** Welsh Assembly Government (WAG)

**Dr Stephen Jess** Agri-Food and Biosciences Institute Northern Ireland (AFBINI), representing Department of Agriculture, Environment and Rural Affairs

**Departmental advisors** are officials with specialist expertise who can advise the ECP.

**Departmental advisors as of 31 December 2021**

**Mr Richard Daniels** CRD

**Mr Matt Penrose** CRD

**Ms Helen Nakeeb** UKHSA

**Mr Alistair Burn** NEF

**Dr Jonathan Newman** EA

**Ms Chloe Meacher** Defra

**Ms Sarah Hugo** Defra

**Mr Adrian Dixon** CRD

**Mr Barry Maycock** FSA

**Mr Jack Webb** Defra

**Ms Margaret Wade** HSE

**Dr Chris Snaith** CRD

**Mr Darren Flynn** CRD

**Dr Susy Brescia** CRD

**Dr James Hingston** CRD

**Mr Mark Clook** CRD

**Mr Jon Winfield** CRD

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**Ms Sue Mattock** CRD

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## **ANNEX 4**

# Sub-groups

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The ECP was assisted in its work by a number of sub-groups including: the Environmental Panel, the Medical and Toxicological Panel, and the Working Party on Pesticide Usage Surveys. These sub-groups have not met for a number of years but do consider papers by correspondence.

The Working Party on Pesticide Usage Surveys oversees delivery of the Pesticide Usage Survey Programme. Members are responsible for collecting and analysing pesticide usage data and preparing and publishing reports detailing findings on a range of crops and situations. The Working Party is chaired by HSE and has representatives from: Fera Science Ltd, SASA, AFBINI, ADAS, Crop Protection Association and the Drinking Water Inspectorate. The Technical Secretary is provided by HSE.



## ANNEX 5

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Insyst-Acetamprid	Sugarbeet – Peach potato aphid as a vector for beet yellow virus (BYV)	March	The Committee does not support this emergency application because no case for need has been established and there is evidence that the stewardship programme is failing to minimise pesticide use in line with Government policy on sustainable pesticide use.	Proposed use: England Authorised
Auslox-Asulam	Grasslands and forest – Bracken	March	The Committee is content to support an emergency authorisation under Article 53 of Regulation 1107/2009 for the aerial application of Asulox to control bracken subject to the points listed in their advice note and the conditions proposed by HSE. The Committee does not support the proposed land-based uses.	Proposed use: UK wide Authorised
Acelpryn-Chlorantraniliprole	Airfields, golf courses greens, tees and fairways, and horse racing courses and gallops and selected international sporting venues – Chafer grubs and leatherjackets	March	The Committee is content to support the two emergency authorisations under Article 53 of Regulation 1107/2009 subject to the points listed in their advice note. ECP also asks HSE to ensure that any further such applications for this product and uses are accompanied by a revised, and evidence-based case, and that the issue of the exit strategy is addressed.	Proposed use: UK wide Authorised

3 The applications were discussed at the listed meetings (except those dealt with by correspondence outside scheduled meetings as a matter of exceptional urgency) and ECP advice is reported and published in the minutes of that meeting.

4 ECP advice and views were sought of a range of technical and scientific issues relevant to applications. A summary of these is detailed in the table. ECP was not asked whether a suitable case for authorisation had been made for all applications that were discussed.

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Tracer-Spinosad	Outdoor plum and cherry – Spotted wing drosophila	April	On the basis of the evidence presented to ECP, the Committee agreed that it was unable to support an emergency authorisation under Article 53 of Regulation 1107/2009 because: i) there was no evidence of continuing need; ii) there was no evidence that use would be controlled; iii) there was evidence of substantial non-compliance with conditions set by Government for the last derogation.	Proposed use: UK wide Authorised
Movento-Spirotetramat	Sugarbeet - Beet Yellow Virus	April	On the basis of the evidence presented to ECP, the Committee agreed that it could not support the granting of an emergency authorisation under Article 53 of Regulation 1107/2009 because: i) there is no evidence of a case for need; ii) the weakened case for controlled use.	Proposed use: England Application withdrawn
Insys-Acetamprid	Field beans - Bruchid beetle	April	On the basis of the evidence presented to ECP, the Committee agreed that an authorisation under Article 53 of Regulation 1107/2009 could be supported subject to the points listed in their advice note.	Proposed use: England and Wales Authorised.

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Exirel- Cyantraniliprole	Plum, cherry, outdoor and protected raspberry, blueberry and blackberry – Spotted Wing Drosophila	April	On the basis of the evidence presented to the ECP, the Committee agreed that it could not support the granting of an emergency authorisation under Article 53 of Regulation 1107/2009 because: i) there is no evidence that use is controlled; ii) there is no evidence that growers have complied with conditions of use in previous authorisations; iii) the product owner is reducing support for securing on-label authorisation.	Proposed use: England Authorised
Exirel 10SE- Cyantraniliprole	Outdoor winegrapes – Spotted Wing Drosophila	April	On the basis of the evidence presented to ECP, the Committee agreed that an authorisation under Article 53 of Regulation 1107/2009 could be supported subject to the advice presented above.	Proposed use: England Authorised
Curatio- Lime sulphur	Organic apples and pears – Apple scab	April	Having assessed the evidence placed before it, the Committee provided a view that, on balance, they do not support that the emergency authorisation under Article 53 of Regulation 1107/2009 could be granted because: i) the availability of an authorised alternative control method equates to no case for need; ii) the lack of evidence for an effective spray threshold fails the qualifying criteria for use being limited and controlled; iii) there are unacceptable risks to residents and bystanders; iv) there are unquantified and unassessed risks to the environment.	Proposed use: UK wide Authorisation refused

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Benevia 100D- Cyantraniliprole	Outdoor and protected strawberries – Spotted Wing Drosophila	April	On the basis of the evidence presented to ECP, the Committee agreed that it supports the emergency authorisation under Article 53 of Regulation 1107/2009; in its opinion this would give the applicants a final chance to provide the requisite evidence for their case.	Proposed use: UK wide Authorised
Benevia 100D- Cyantraniliprole	Protected oriental cabbages – Flea beetle and cabbage stem flea beetle	April	On the basis of the evidence presented to ECP, the Committee agreed that they did support an emergency authorisation under Article 53 of Regulation 1107/2009.	Proposed use: England Authorised
Benevia 100D- Cyantraniliprole	Kale, collard, and outdoor oriental brassicas – Diamond-back moth	April	On the basis of the evidence presented to ECP, the Committee agreed that it could not support authorisation for this use under Article 53 of Regulation 1107/2009 because of: i) the risk to aquatic invertebrates; ii) an inadequate case for need; iii) evidence that use has been neither limited or controlled.	Proposed use: England and Scotland Authorisation refused
Benevia 100D- Cyantraniliprole	Leek – Onion thrips	April	On the basis of the evidence presented to ECP, the Committee agreed they support the granting of emergency authorisation under Article 53 of Regulation 1107/2009.	Proposed use: England and Wales Authorised

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Spotlight Plus-Carfentrazone-ethyl	Desiccant on pulses and legumes	May	On the basis of the evidence presented to ECP, the Committee agreed that, subject to the conditions in their advice note, it supports the granting of an authorisation under Article 53 of Regulation 1107/2009, but did not support the extension on the period of use to 30 September.	Proposed use: England and Scotland Authorised
Gazelle SG-Acetamiprid	Carrots and Parsnips – Willow-carrot aphid, Peach-Potato aphid and Parsnip aphid	July	On the basis of the evidence presented to ECP, the Committee agreed that, it cannot support the granting of an authorisation under Article 53 of Regulation 1107/2009 for either GB or NI because there were no substantiated cases for need and alternative products are available.	Proposed use: England and Northern Ireland Authorisation refused
Spotlight Plus-Carfentrazone-ethyl	Desiccant on corn Gromwell and Meadowfoam	July	On the basis of the evidence presented to ECP, the Committee agreed that it does not support granting of an authorisation under Article 53 of Regulation 1107/2009 because there is no mechanism for use to be controlled.	Proposed use: UK wide Authorisation refused
Spotlight Plus-Carfentrazone-ethyl	Desiccant on soya beans and linseed	July	On the basis of the evidence presented to ECP, the Committee agreed that it does not support granting of an authorisation under Article 53 of Regulation 1107/2009 because there are no data showing how use has been limited and controlled (hence environmental risks mitigated), and that treated product has not entered the food chain.	Proposed use: UK Wide Authorisation refused

Product/active	Crop/pest problem	ECP meeting (minutes) <sup>3</sup>	Key points from ECP advice note <sup>4</sup>	Regulatory decision
Movento- Spirotetramat <i>(further information received following advice provided in April)</i>	Sugarbeet – Beet yellow virus	Dealt with by correspondence Advice in July minutes	On the basis of the evidence presented to ECP, the Committee agreed that, a case for need for a third spray had not been presented and therefore it did not support authorisation. The Committee does support the proposed use of 'Movento' as an alternative to 'Insyst' in a two-spray programme because of its lower environmental risk.	Proposed use: England Application withdrawn
Revive II- emamectin benzoate	Amenity and roadside trees	September	On the basis of the evidence presented to ECP, the Committee agreed that it was unable to support an emergency authorisation under Article 53 of Regulation 1107/2009.	Proposed use: UK wide Authorised on condition of outbreak
Cruiser SB- Thiamethoxam	Seed treatment on sugarbeet	September	On the basis of the evidence presented to ECP, the Committee agreed that it is unable to support an emergency authorisation under Article 53 of Regulation 1107/2009 because of the reasons laid out by HSE, the expected off-crop environmental effects and the impact of grower contract changes on the trigger threshold for use.	Proposed use: England Authorised on condition outbreak reaches set threshold



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