

Welcome to the 25th edition of ENDURE News, the electronic newsletter from ENDURE. Please feel free to share this newsletter with colleagues.

- **Brexit: What direction for crop protection?**

While negotiations have only just begun on the United Kingdom's departure from the European Union, thoughts are turning to how British producers will protect their crops in the future and how the country's plant protection product (PPP) regulations will change in response to Brexit.



- **Special issue focuses on PURE results**

A special issue entitled 'Pesticide use and risk reduction with IPM' of the international journal Crop Protection has recently been published. The special issue is the fruit of the research collaboration conducted within the European Union's PURE project (Pesticide Use and-risk Reduction in European farming systems with Integrated Pest Management), coordinated by Françoise Lescourret (pictured right), a well-known scientist affiliated to INRA, one of ENDURE's leading partners.



- **Reducing pesticides while maintaining performance**

French researchers have demonstrated that low pesticide use rarely decreases productivity and profitability in arable farms, and that major reductions in pesticide use across the country could be achieved through a range of changes in practices, provided the appropriate support is given to farmers.



- **Insight into France's training the trainers days**

For the second time in three years, ENDURE communication team leader Philippe Delval has hit the roads of France to conduct a series of special days dedicated to sharing the latest knowledge on alternative crop protection techniques with those responsible for providing the training required to obtain the obligatory certification needed to handle pesticides in the country.



- **New EU project to focus on crop diversification**

A major new five-year project was launched in May 2017 to explore the full potential of diversifying cropping systems in order to provide improved productivity, resource efficiency and sustainable value chains. Called DiverIMPACTS, the project is being coordinated by ENDURE coordinator Antoine Messéan (INRA, France) and brings together a broad consortium comprising 34 partners from 11 European countries, including farmers and farmers' organisations, advisory services, cooperatives, logistics providers, scientists, industry, and representatives of civil society and rural areas.



- **Conference to focus on crop losses**

Two of ENDURE's French partners are joining forces with the AgMIP and MacSur international networks to host an International Conference on Crop Losses caused by diseases, pests and weeds this autumn. An initiative from INRA, working in close partnership with CIRAD, the event will run from October 16 to 18 in Paris.



- **Updated! C-IPM gives green light to nine projects**

The ERA-net C-IPM (Coordinated Integrated Pest Management in Europe) has given the green light to nine new research projects following its second call for proposals in 2016.



- **Rothamsted sets out five-year vision**
 ENDURE partner Rothamsted Research, the world's oldest agricultural science research institute, has set out its ambitious vision for the next five years at a time of what it describes as unprecedented international uncertainty and diverse social, economic and environmental challenges.
- **Neonicotinoids in the spotlight**
 France has launched a €1.5 million call for projects to improve the emergence of neonicotinoid-free agriculture and explore innovative perspectives for crop production methods which avoid the use of these insecticides.
- **News from SMaCH: System design and more**
 Two fresh newsletters from INRA's Sustainable Management of Crop Health (SMaCH) metaprogramme are now available (in French), one focusing on the design of sustainable systems and agro-ecological transitions, and one examining the management of crop health at the landscape and territorial scales.
- **First Agroecology Europe Forum to be held**
 Agroecology Europe, a European association to promote agroecology created in 2016 by 19 founding members from 10 countries, is to stage its first Agroecology Europe Forum this autumn and will be focusing on 'Fostering synergies between movements, science and practice'.
- **Knowledge sharing for biopesticide efficacy**
 Britain's Agricultural and Horticultural Development Board (AHDB) is seeking to boost the efficacy of biopesticides by improving users' knowledge about which products should be used under which circumstances and providing more details on how they should be applied in practical situations.
- **SMaCH projects focus on impact**
 INRA, France's National Institute for Agricultural Research, has unveiled the projects which will be launched as a result of this year's SMaCH (Sustainable Management of Crop Health) call. The call was titled Impact, with the aim of encouraging projects which stimulate the impact of research results by encouraging their transfer to end users.
- **AgriSpin to share innovation insights**
 The closing conference of the AgriSpin project (Space for Innovation in Agriculture) takes place on July 3, 2017, on the Greek island of Crete. The project, coordinated by SEGES, one of ENDURE's Danish partners, has been seeking to establish what makes innovation processes move forward and what blocks them.
- **EUCLID reveals demonstration sites**
 The EUCLID project (Europe-China Lever for Integrated Pest Management Demonstration) is now entering its second year, with work on testing new products and technologies getting underway at its range of demonstration sites this spring and summer.
- **Experts produce IPM brassica brochure**
 A new brochure concentrating on Integrated Pest Management (IPM) in brassica crops and oilseed rape has been produced by experts from the European Innovation Partnership's Agricultural Productivity and Sustainability (EIP-AGRI) focus group on these crops.
- **Aarhus University seeks plant pathologist**
 Aarhus University, one of ENDURE's Danish partners, is seeking a post-doc researcher in plant pathology to join its tenure track programme. This programme offers highly qualified candidates a researcher position for six years with the prospect of performance-based advancement to a tenured senior researcher post.



- **Three-pronged approach for UK black-grass**

UK experts have recommended a three-pronged approach for the sustainable management of black-grass, an increasingly herbicide-resistant weed which is a particular problem in autumn-sown cereal crops.



- **A dozen new events added to listing**

A dozen new events have recently been added to our events calendar, including the five-day Future IPM 3.0, which runs from October 16 to 20 in Riva del Garda, Italy. Alongside the IOBC/WPRS General Assembly and plenary sessions, IPM Future 3.0 will feature a selection of workshops on 'hot topics' such as induced resistance in plants, novel tools in viticulture and preserving soil quality.



- **Two new clones of 'concern', says EuroBlight**

Researchers from EuroBlight, Europe's potato late blight network, have reported on their ongoing monitoring of the pathogen, noting a marked local expansion of two recently emerged clones in 2016.



- **Smart farming for efficient resource use**

The fourth Sustainability Conference organised by ENDURE's Swiss partner, Agroscope, this year presented the principles, opportunities and challenges of 'smart farming' and outlined the latest developments and current research needs.



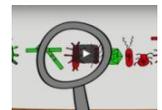
- **Updated! Links to projects and other organisations**

In our table you can find a selection of European projects which may be of interest. While the majority of these projects are not 'ENDURE-endorsed', we hope that by bringing together more than 30 European projects in one easy to use table we are helping the international IPM community to gain an insight into European agricultural research.



- **Catch up with BIOCOTES**

There is a chance to catch up with progress in the BIOCOTES project ('New biological products for sustainable farming and forestry') with the publication of its ninth newsletter. The project, comprising 13 industrial partners and 14 research institutes and universities from 14 countries, is seeking to offer 11 new biological control products for arable, vegetable and fruit tree crops, plus new solutions for forestry and two new production technologies.



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