



ENDURE NEWS, Issue 17, June 2013

Welcome to the 17th edition of ENDURE News, the electronic newsletter from ENDURE. Please feel free to share this newsletter with colleagues.

- **The James Hutton Institute joins ENDURE**

ENDURE is delighted to welcome a new member into its ranks, Scotland's The James Hutton Institute. The Institute was created in April 2011, bringing together the Macaulay Land Use Research Institute and SCRI (Scottish Crop Research Institute), both of which have illustrious histories. Here, Geoff Squire and Nick Birch, of the Institute's Ecological Sciences division, explain the reasons for joining ENDURE.



- **ENDURE launches co-innovation initiative**

There is general consensus across Europe that not enough knowledge generated in the research sphere translates into changes in agricultural practices and, conversely, that innovations generated in collaboration with multiple stakeholders have a far greater chance of producing appropriate and widely used solutions. Against this background, the European Commission launched European Innovation Partnerships, and ENDURE is seeking to build on this momentum with a co-innovation seminar and workshop focused on crop protection within sustainable agriculture.



- **Priority IPM research needs identified**

A European team of Integrated Pest Management (IPM) experts has completed a preliminary analysis of the most urgent research and extension needs for accelerating the development of IPM across the European Union.



- **Networking IPM field experiments**

A new ENDURE project has been launched and seeks to create a European network of long-term experiments on Integrated Pest Management (IPM). Launched in March this year and coordinated by Nicolas Munier-Jolain and Martin Lechenet (pictured right) from INRA, France, the project currently involves research institutes from seven European countries.



- **Global project launched to tackle invasive pests**

A new project has been launched to promote the development of Integrated Pest Management (IPM) practices for the sustainable control of the leafminer *Tuta absoluta* and the spotted wing fly *Drosophila suzukii*, invasive pests of tomato and fruit crops respectively.



- **Review: Non-chemical weed control in arable crops**

A pan-European group of weed specialists has examined the possibilities for using non-chemical methods for weed control in reduced tillage arable systems. The review covers the redesigning of cropping systems, cover crops, stubble management strategies, tactics to strengthen crop growth relative to weed growth and direct mechanical weed control methods. Lead author Bo



Melander, of Denmark's Aarhus University, explains more.

- **Advisers test learning approaches**

In the quest to provide agricultural advisers with new tools to accompany a reduction in pesticide use, the New Advisers project has tested three learning approaches in eight European countries. The results of these trials are now being analysed and, eventually, instructional manuals and videos will be produced to encourage their wider use.



- **Disease resistance experts brought together**

The first annual meeting of the SUSTAIN (Pathogen-informed strategies for sustainable broad-spectrum crop resistance) Cooperation in Science and Technology (COST) Action takes place this October, bringing together European scientists and breeders seeking to translate breakthroughs in plant-pathogen interaction research into effective breeding strategies for durable disease resistance in cereal and Solanaceous crops.



- **Course to focus on modelling for crop health**

A short course dedicated to 'Mathematical Modelling for Sustainable Management of Crop Health' is being held in Italy in January and is open to PhD students, post-doctorates and researchers who want to better understand the use of models for plant protection, either because they will be interacting with models or modellers, or because they intend to develop models themselves.



- **Future IPM in Europe: Abstracts online**

Abstracts from March's Pesticide Use and Risk Reduction for Future Integrated Pest Management (IPM) in Europe conference, of which ENDURE was a co-organiser, are now available online.



- **PLEASE COMPLETE OUR USER SURVEY**

ENDURE's website has now been active for nearly six years, attracting almost 80,000 visitors and approaching half a million page views. Over that time ENDURE has changed, notably from a European Commission-funded Network of Excellence to a self-funding European Research Group, and we want to ensure the website evolves too, providing you with the information you need in a clear and timely fashion. Go direct to the survey [here](#).

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