



ENDURE News, Issue 12, November/December 2010

Welcome to the twelfth edition of ENDURE News, the electronic newsletter from the ENDURE Network of Excellence. Please feel free to share this newsletter with colleagues.

• ENDURE 2010 Conference: Read all about it!

If you missed ENDURE's 2010 International Conference, IPM in Europe - The ENDURE Network of Excellence shares the fruits of four years' research with the crop protection community, or were there and want to refresh your memory, all the presentations given can now be consulted online.



• Policy Briefs: Insights for IPM implementation

ENDURE is determined to play a positive role in aiding European Member States which must 'establish or support the establishment of necessary conditions for the implementation' of Integrated Pest Management (IPM) as part of Europe's long-term plans for the sustainable use of pesticides. A key part of the support ENDURE can offer policy makers is now reaching fruition with the publication of ENDURE Policy Briefs, a range of briefing documents designed to provide insights into the conditions necessary for the successful implementation of IPM.



• Now online: ENDURE IPM Training Guide

Training in Integrated Pest Management (IPM) will be of crucial importance as European nations grapple with the complexities of ensuring IPM becomes a field reality. To help the process, ENDURE's training experts have produced an IPM Training Guide. It includes ready-to-use teaching and discussion modules, enabling advisers and IPM teachers to pick and choose from more than 60 different elements to create their own IPM learning sessions.



• Available now: European Crop Protection in 2030

After almost three years of interviews, panel discussions, reflection and, of course, hard work, ENDURE's foresight study, European Crop Protection in 2030, has been completed and can be downloaded from the site. Over the course of 80 pages, it establishes the current status of crop protection in European agriculture before examining five contrasting scenarios designed to help stakeholders in their decision making and in reaching shared and coordinated goals.



• Deploying disease resistance in crop cultivars

Intelligent use of disease resistance in crop cultivars can significantly contribute to enhanced resistance durability and make entire growing systems more stable, explain ENDURE experts in their new leaflet, Recommendations for the deployment of disease resistance in crop cultivars.



• Redesigning French and UK cropping systems

Two new leaflets in the From Science to Field series from ENDURE's winter crops based cropping systems case study (WCCS) are now available, detailing advanced and innovative systems for three regions of France and exploring a range of options for the UK.



• Biocontrol leaflets now available

ENDURE's research team dedicated to the exploitation of natural biological processes has now published three leaflets exploring biocontrol in selected crops: grapevine, tomato and maize. Each leaflet examines the crop's place in European agriculture and the major threats to production, before examining the biocontrol options available.



• Now available: 26 new leaflets in French

Twenty six leaflets have been translated into French and added to the website. They include 19 leaflets in the From Science to Field series (De la Théorie à la Pratique)



from ENDURE's case study teams, four in the Training in Integrated Pest Management series (Formation en Lutte Intégrée) and three in the Social Science Insights series (Considérations Sociales liées à la Protection des Cultures).

- **Nine new leaflets in Italian**

Nine new guides in the From Science to Field series produced by ENDURE's case study teams are now available in Italian. They include leaflets focusing on potato, maize, maize based cropping systems and tomato.



- **Biocontrol work features in New Ag**

The work of ENDURE's team dedicated to biological controls features in the latest edition of New Ag International, the journal dedicated to high-tech agriculture. New Ag carries a nine-page feature examining the market for microbials, those microorganisms such as beneficial fungi, bacteria, viruses, nematodes and yeasts, which represent around one-third of the global biocontrol market.



- **New guide: Tackling Tuta absoluta**

The South American tomato leafminer (*Tuta absoluta*) is a recently arrived pest in Europe which cannot be ignored. Capable of destroying tomato and other Solanaceae crops, it demands effective control using a wide range of measures, which are outlined in a recently published leaflet in ENDURE's Training in Integrated Pest Management series.



- **New leaflet: Rethinking Danish winter crops**

The first leaflet in the From Science to Field series from ENDURE's winter crops based cropping systems case study is now available, and details suggestions for furthering Integrated Pest Management (IPM) in Danish cropping systems. It suggests not only two new crop sequences but the accompanying IPM practices which could help achieve significant cuts in pesticide use.



- **IPM for tomatoes: Download the book**

A 46-page book written by ENDURE's tomato case study team and published by ENDURE's Spanish partner, the Universitat de Lleida in Catalonia, can now be downloaded free of charge from the Catalonian library of research documents. The book offers an in-depth and wider ranging version of the From Science to Field leaflet produced by the team, and examines the tools and constraints affecting the implementation of Integrated Pest Management (IPM) programmes in European greenhouse tomato production areas.



- **Updated: Papers in scientific journals**

Details of more than 70 papers and oral presentations from ENDURE researchers can now be found on the website. Recent additions include a presentation on DEXiPM, the model developed for qualitative multi-criteria assessment of the sustainability of pest management cropping systems, and work on biofumigation efficacy, conducted in part by ENDURE's field vegetable case study members.



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