

Issue 4

September, 2004
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eConnection Update

▪ Introduction

Welcome to the fourth issue of eConnection, a free Newsletter developed in conjunction with the new IRAC website. eConnection is distributed by email and past issues along with subscribe/unsubscribe details are available on the eConnection page of the IRAC website under the menu heading "About IRAC". [More »](#)

▪ Objectives

The aim of eConnection is to provide a brief update on developments in Insecticide Resistance Management and the ongoing activities of IRAC. Information is backed up with articles and further details on the IRAC website. If you have a colleague who would be interested in the IRAC eConnection and website please forward this link to them so they can subscribe free of charge at: <http://www.irc-online.org/about/econnection.asp>

▪ Send us your News

If you have Resistance Management information that you think should appear in eConnection or on the IRAC website contact us with details. Email.aporter@intraspin.com

The Website

▪ IRAC Website Development Continues

The website continues to grow and evolve as more information

and features are added. The September Website Traffic Review and Analysis Report shows that there are now 57 public pages, 52 members pages, 67 images, 134 documents, and 12 utility coding files. The site continues to be ranked 1st by Google for key words such as "Insecticide Resistance", "Insecticide Resistance Management" and IRAC. It is now ranked 4th for "insecticide". In August the site averaged 58 user sessions per day with over 50 countries accessing the site [More »](#)

IRAC News

- **IRAC Approved Susceptibility Test Methods**
Following the inception of IRAC it was clear that there were few standardised, validated methods for detecting and defining resistance. Member companies in response devised resistance test methods that were simple, robust and of use by field scientists without recourse to sophisticated laboratory facilities. Flexibility was seen as essential. Each method was validated by the different companies to ensure that it was easy to use and provided comparable data wherever it was carried out. These methods have recently come into their own in the European Union registration process where applicants have to provide information on the risk of resistance to their products. [More »](#)
- **General Principles of Insecticide Resistance Management**
Information on the General Principles of Insecticide Resistance Management (IRM) has been added to the website in response to a number of enquiries to IRAC. This provides a definition of IRM and outlines practical guidelines and recommendations. [More »](#)
- **New Harmonised IRM Guidelines from IRAC US Neonicotinoid Subcommittee**
The Neonicotinoid Subcommittee of IRAC-US was created in 2003. Their charter is to coordinate information exchange and identify resources with-in government, universities, and the public on neonicotinoid insecticide resistance management issues and to serve as spokespersons for the Industry's view. The group has created harmonized IRM guidelines for neonicotinoid insecticides. Further details about the group and the guidelines can be located on the website. [More »](#)
- **IRAC International at the XXII ICE Conference**
IRAC was well represented at the recent ICE Conference in Brisbane, Australia. A presentation was made by Chuck Staetz

of FMC on behalf of IRAC titled: Insecticide Mode of Action Classification - A Key to Insecticide Resistance Management. This was supported with an IRAC poster on MoA classification. A presentation was also made by IRAC Brazil outlining the group's activities.

IRAC International Presentation [More »](#)

IRAC MoA Poster [More »](#)

IRAC Brazil [More »](#)

- **IRAC-Brazil Workshop on Development of New Insecticides, September 9, 2004**

IRAC companies were well represented at an IRAC-Brazil workshop at the XX Brazilian Congress of Entomology held in Gramado in the southern state of Rio Grande Du Sol. The workshop, organised by Dr Raul Guedes (University of Vicosa) and Paula Marcon (DuPont), was held on Thursday 9th September and was concerned with various aspects of the discovery of new insecticides. Three talks given by Dr Lindsey Flexner (DuPont): 'New insecticide classes: Selectivity, site of action and impact on IPM', Dr Alan McCaffery (Syngenta, and IRAC International member): 'Development of new insecticides: An insecticide resistance management perspective', and Dr Ralf Nauen (Bayer, and IRAC international member): 'Spirocyclic Tetronic acids as new chemical tools to control multi-resistant spider mites and whiteflies: resistance risk assessment', were designed to highlight a number of key areas of concern when developing new insecticides and provide a recent example. Dr Raul Guedes concluded the session with a talk concerning toxicological and ecological aspects of new insecticides. Several hundred delegates attended the workshop and a lively panel discussion concluded a warmly received workshop session.

Conferences & Symposia

- **2nd EWSN Whitefly Symposium, Croatia - 5-9th October 2004** [More »](#)
- **EPPO Guidelines Workshop, Bologna, Italy, 19-20th October, 2004** [More »](#)
- **BCPC Seminars - Crop Science & Technology 1-3rd November, 2004** [More »](#)

- **ESA Annual Meeting, Salt Lake City, 14-17th November, 2004** [More »](#)

For further information about IRAC, the new website and eConnection please contact Alan Porter, IRAC International Coordinator, aporter@intraspin.com.



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