Session 3

International Working Group & Country Group Review

46th Meeting of IRAC International, Brussels, Belgium

Wednesday - March 30th, 2011

IRAC Public Health team

2010 a review…

Mark Hoppé

Insecticide Resistance Action Committee

Team Membership

Chair:	Mark Hoppé	Syngenta
Deputy chair:	Georgina Bingham Zivanovic	Vestergaard Frandsen
Members:		
	James Austin	BASF
	Luigi Avella	Chemtura
	Karin Horn	Bayer Crop Science
	John Invest	Sumitomo chemical UK
	Chris Longhurst	Dow
	Chouaibou Mouhamadou	Vestergaard Frandsen
	Ralf Nauen	Bayer Crop Science
	Helen Pates Jamet	Vestergaard Frandsen
	Alan Porter	APA
Non industry observers:		
	Kate Aultman	BMGF
	Jo Lines	WHO
	Bob Wirtz	CDC

Goals 2010

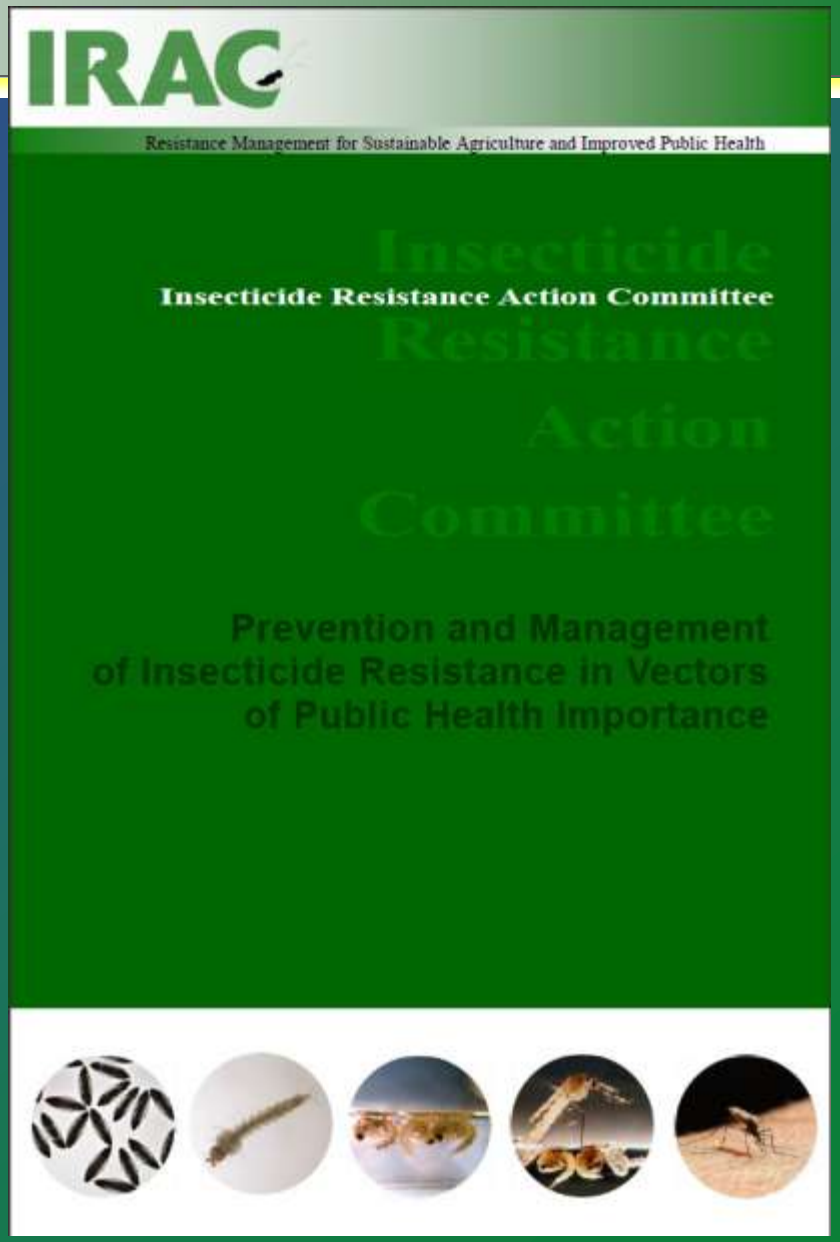
Goals	Objectives	Timeline
Identify potential, new or existing resistance issues. Set up Team Working Groups or Focal Points as necessary	Monitor and report to the Executive on any potential, new or existing national, regional or global resistance issues that could require action by IRAC e.g. Vectors and Hygiene Pests. Research the issues and report to the Executive on a recommended plan of action including the extent of the problem and whether and how it should be best tackled. Set up appropriate PH Team WGs s as deemed appropriate for the 2010/11 year. Each WG should set up their own goals and SMART objectives.	Ongoing 
Provide expert input into IRM initiatives with identified partners.	Set up a schedule of IRAC PH Team conference calls, meetings for 2010/11. Identify and invite relevant experts and observers from groups interested in Public Health IRM e.g vectors, hygiene pests (WHO, Gates Foundation, IVCC) to participate and ensure that IRAC as an expert group provided input into relevant IRM initiatives. e.g. WHO proposal to Gates Foundation. Maintain, and build on, the role of Liaison Officers to report back to the Public Health Team on the activities of other groups active in the area	Ongoing 

Goals 2010

Goals	Objectives	Timeline
Preparation of Public Health communication material	Complete and produce VM in time for launch at ASTMH in November Produce a cut-down version for use by technicians Produce decision trees/charts for use by technicians	October 2010 
Develop IRAC methods for the housefly and mosquito	Provide approved methods for monitoring the susceptibility of mosquitoes and houseflies to the IRAC methods team. To be undertaken in conjunction with appropriate third parties, e.g. CDC, WHO	
Develop a position paper on WHOPES discriminating rates	In conjunction with appropriate experts, make recommendations on relevant discriminating doses to identify insecticide resistance in key species of adult mosquito. Produce an IRAC PH team position paper to communicate the team's view on discriminating doses to interested third parties.	End Q2 2010
Organise insecticide resistance symposium at the ASTMH 2010 conference	Invite speakers and coordinate symposium to promote best practice IRM in the context of IVM. Launch VM, possible at separate event during the ASTMH event.	October 2010 

Activities 2010

- **Major success:**
  - Updated Vector manual...
  - Many thanks to the team for writing and reviewing this
  - Special thanks to Alan for the layout and formatting
  - Online version available from November 2010
  - Paper version in print
  - Positive feedback from online version

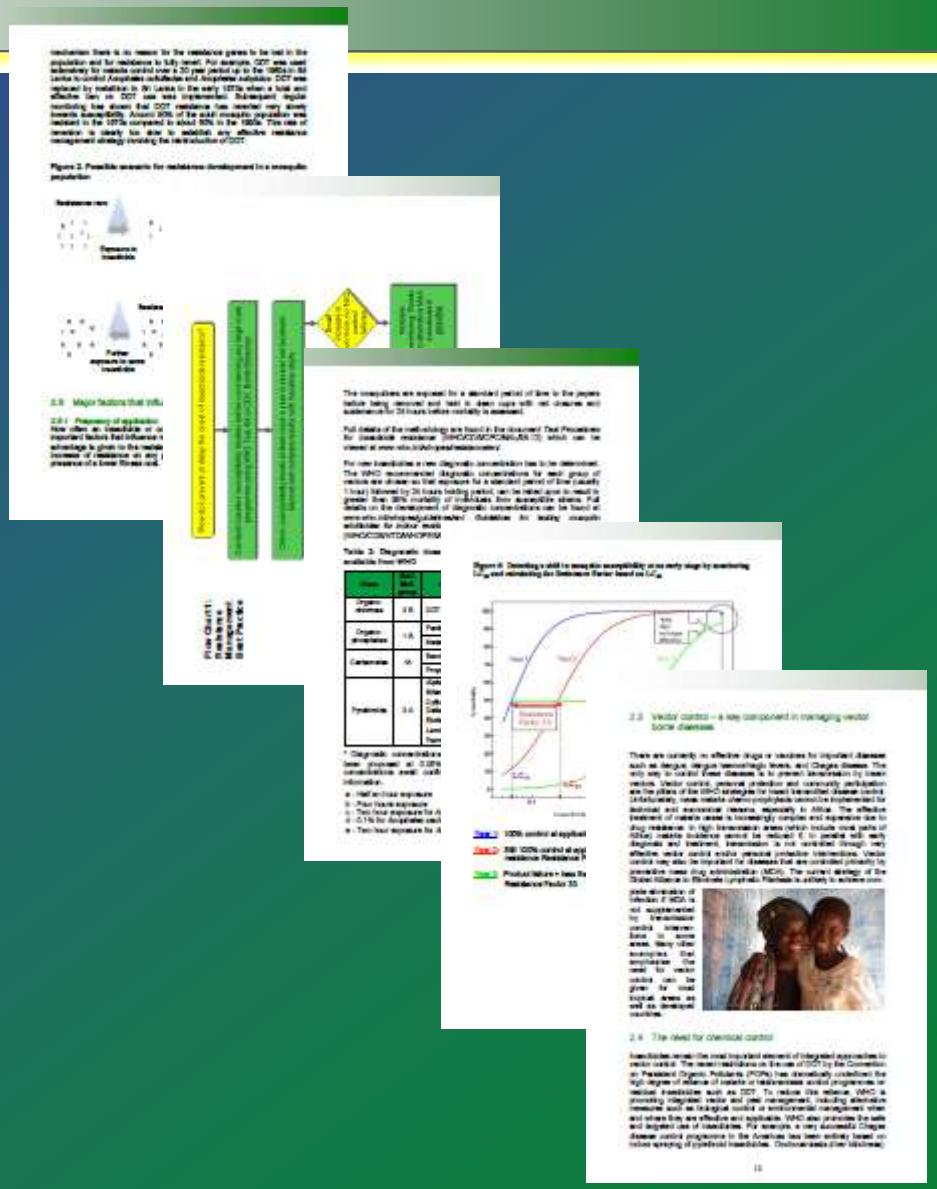


IRAC

Insecticide Resistance Action Committee

Activities 2010

- 72 pages of information, recommendations and advice
- Completely revised and updated from first edition
- Target audience: Those who plan, manage, fund or have influence on the design and implementation of mosquito vector control programmes
- Covers all aspects of IRM in an Integrated Vector Management (IVM) context
- Print run of 4000 copies to be made freely available to the Vector Control community



IRAC

Insecticide Resistance Action Committee

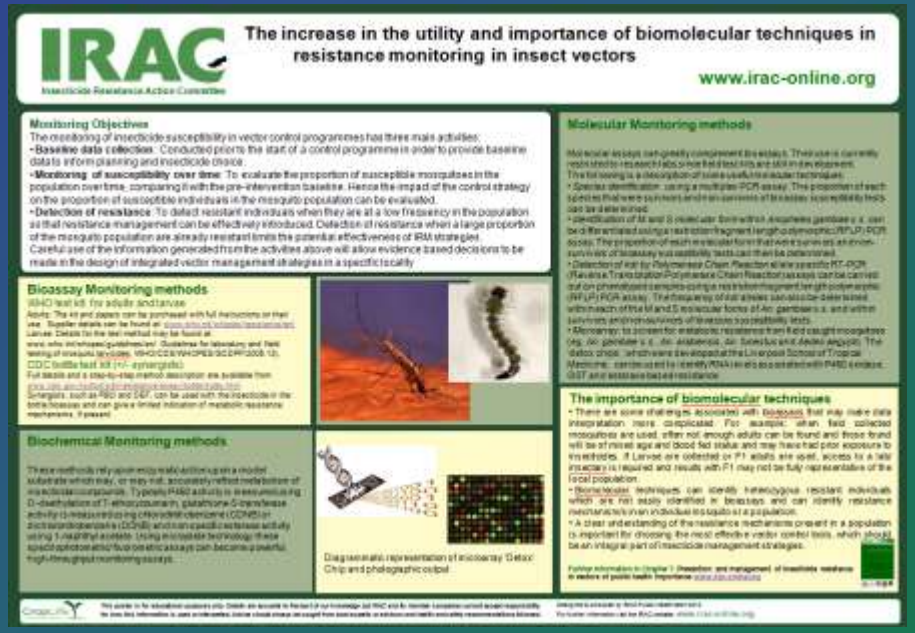
Activities 2010

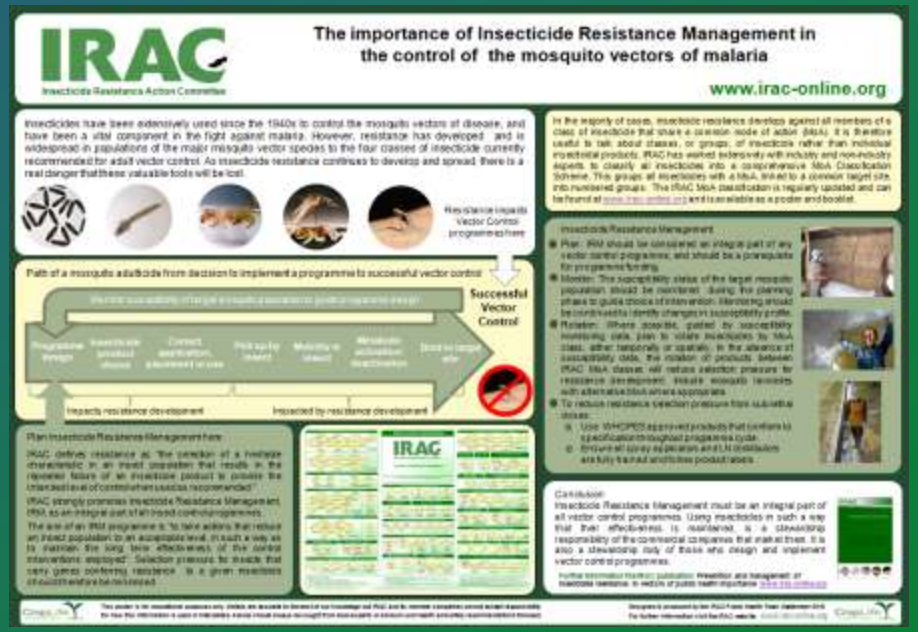
Activities 2010

- **First draft of "Mini-Vector Manual" produced**
  - Smaller pocket version, similar to MoA booklet, containing more practical advise
  - Will use more flow diagrams, decision trees, etc.

Activities 2010

- **ASTMH meeting**
  - Proposal for a symposium rejected by organising committee
  - Two papers submitted, accepted, but as posters
  - Posters presented by Georgina
    - Much interest in posters, which started lively discussions on IRM





Activities 2010

- **ASTMH meeting**
  - Joined with CLI Vector Project Team in an “unofficial” symposium/meeting
  - Paper presented by Bob Farlow (former IRAC PH team member, now consultant)
  - Paper was well received by a large invited audience

Activities 2010

- **IRAC PH team representation on expert panels:**
  - WHO meeting:
    - "The technical basis for coordinated action against insecticide resistance: preserving the effectiveness of modern malaria vector control" Geneva 4-6 May 2010
  - Core team of the RBM/Stockholm Convention insecticide resistance meeting:
    - "Developing a Global Strategy for the Prevention and Management of Insecticide Resistance" Liverpool 11-12 October 2010
  - WHO insecticide resistance project:
    - Continuing to support this ongoing project, with particular reference to susceptibility monitoring bioassays

Activities 2010

- 6 teleconferences since last Spring meeting
  - Average attendance 7
- Face to face meeting postponed until Spring meeting

2011 activities...

- Completion and publication of mini-Vector Manual
- Production of educational presentations, based on VM, that can be used by third parties
- Continue supporting WHO on their IR project
- Coordinate activities more closely with CLI VCPT
- Formulate position on mosquito larvicides
- Production of poster on IRM in mosquito larvicides
- Consider insecticide resistance risk assessment approach for VC interventions – in conjunction with Gates consultation
- Formulate position on mixtures
- Organise workshop with third parties to update team on latest status of insecticide resistance in Anopheline vectors