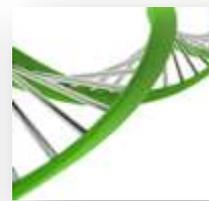




Insecticide Resistance Action Committee

Public Health Work Group

2012 a review



Team Overview

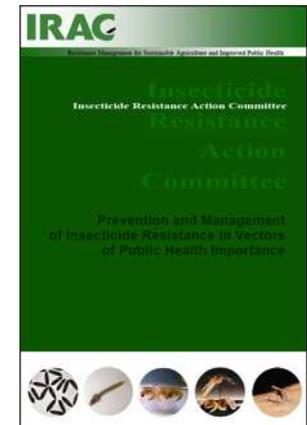


- Scope: insect vectors of disease and hygiene/nuisance pests
- Identify potential, new or existing resistance issues. Set up Team Working Groups or Focal Points as necessary
- Provide expert input into IRM initiatives with identified partners
- Preparation of Public Health communication material
- Develop IRAC methods for hygiene pests



Recent activities:

- Production and distribution of educational material, “Vector Manual” and “mini-VM”
- IRM presentations at a number of relevant conferences, events, training sessions
- IRAC PH team publications used in third party training material
- Technical input into major WHO projects and publications



Team membership

Chair:	Mark Hoppé	Syngenta
Deputy chair:	Tessa Knox	Vestergaard Frandsen
Members:		
	James Austin	BASF
	Ronda Hamm	Dow
	Karin Horn	Bayer Crop Science
	John Invest	Sumitomo chemical UK
	Helen Pates Jamet	Vestergaard Frandsen
	Ralf Nauen	Bayer Crop Science
	Alan Porter	APA
Non industry observers:		
	Kate Aultman	BMGF
	Bob Wirtz	CDC

Membership news

- Ronda Hamm has joined the team representing Dow. Ronda's experience in the PPM "hygiene pest" area will be an asset to the team.
- Jo Lines has left his role with the WHO to return to the ivory towers of academia.

Major successes 2012

- French is spoken by an estimated 115 million people across 31 African countries.
- Many of these countries have endemic malaria and undertake mosquito vector control as part of their malaria control programmes.
- Like the rest of the world, these countries also face the challenge of insecticide resistant mosquitoes.
- So the production of educational material in French is key to reaching our target audience

Educational presentations

- Team members have had the opportunity to present IRAC IRM material at a number of events e.g.:
 - WARN and EARN events (Western Africa RBM Network)
 - Malaria conference STPHI Basel
 - First Rwanda Malaria conference
 - Mentor Initiative training events

 - Significant numbers of the Vector manual and “mini VM” have been distributed

Educational material

- Apart from the French mini-VM, a number of initiatives have been started:
 - Update educational posters
 - Convert mini-VM into a presentation format
 - Website pest profiles
 - Writing a review of IRM in VC for publication
- Several IRAC PH team members contributed to the WHO's "Global Plan for Insecticide Resistance Management in Malaria Vectors". Which was published in 2012

Challenges

- Difficulties finding times for teleconferences when majority of team can join
- Work pressures squeezing IRAC activities
- Many “opinions” on IRM from wider PH community



Objectives 2012

Goals	Objectives	Timeline
Identify potential, new or existing resistance issues. Set up Team Working Groups or Focal Points as necessary	<ul style="list-style-type: none"> 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 as deemed appropriate for the 2012/13 year. 	
Provide expert input into IRM initiatives with identified partners, interact with groups working in the same field and participate/organise relevant meetings.	<ul style="list-style-type: none"> Set up a schedule of IRAC PH Team conference calls, meetings for 2012/13. 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. 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 Coordinate activities more closely with CLI VCPT Participate in relevant meetings and provide input into the WHO IR project as required and report back to the PH Team and the IRAC Executive. Organise workshop with third parties to update team on latest status of insecticide resistance in Anopheline vectors 	   
Formulate the IRAC position on ongoing questions and issues as these arise	<ul style="list-style-type: none"> Formulate position on mosquito larvicides Consider insecticide resistance risk assessment approach for VC interventions Formulate position on the use of mixtures in VC 	
Preparation of Public Health communication material	<ul style="list-style-type: none"> Update posters, with particular emphasis on hygiene pests Production of educational presentations, based on VM, that can be used by third parties Production of poster on IRM in mosquito larvicides 	 

A year in statistics

- Five PH team meetings were held during 2012, which is 500% more than the number of Olympics held during the same year.
- Each meeting was attended by an average of 6.4 people, which is slightly more than the number of Olympic medals Michael Phelps (USA swimming) won.
- With 10,000 times fewer people attending the last PH team face to face meeting, than attended the Olympic opening ceremony, hence the IRAC PH team's carbon footprint was considerably smaller than that of the "greenest" Olympics ever.

IRAC PH team 3:0 Olympics 2012