



Insecticide Resistance Action Committee

SMART GOALS & OBJECTIVES 2015 - 2016



SMART Goals & Objectives

Specific Measurable Achievable Realistic (Resourced) and Time Bound

IRAC International

The IRAC Network is made up of a series of inter-company Committees dedicated to prolonging the effectiveness of insecticides and acaricides by countering the development of resistance. The Committees operate at a global level (IRAC Executive) and at a regional or country level (IRAC Country Groups) and the whole network is termed IRAC International (abbreviated to IRAC).

The IRAC Executive Committee provides technical information, coordination and support for IRAC through a series of international Teams and Working Groups. Annual goals and SMART objectives for each of the teams are set in accordance with the overall IRAC Mission and should be reviewed periodically during the year within the teams to evaluate progress.

The IRAC International Mission

- Facilitate communication and education on insecticide and traits resistance
- Promote the development and facilitate the implementation of insecticide resistance management strategies to maintain efficacy and support sustainable agriculture and improved public health

IRAC Sucking Pest WG Objectives 2015-16

Confirmed 26th June 2015

Goals	Objectives	Timeline
Short term actions to minimise spread of resistant pests	<ul style="list-style-type: none"> • <i>Myzus persicae</i>: Follow-up with “implementation” of IRM Guidelines in Southern EU • <i>Bemisia tabaci</i> : Monitoring program (PROMIP) • <i>Sitobium avenae</i>: Review last year’s alert for Mainland EU for PYR-resistance (in view of few MOAs) • <i>Aphis gossypii</i> (neonicotinoid target site resistance) <ul style="list-style-type: none"> ○ Initiate local IRAC team in South Korea ○ Develop IRM recommendations for Korea as template for future use ○ Finalize / review poster: globally & local Korean language version 	2015 Q2 2015 Q3 2015 Q2 2105 Q2 2015 2015
Prepare IRM guidelines for pests with, or at risk of developing resistance in the mid term	<ul style="list-style-type: none"> • <i>Euschistus heros</i>: In Brazil (e.g. IRAC01, 03, 04) <ul style="list-style-type: none"> ○ Follow up with monitoring efforts in Brazil e.g. PROMIP/IRAC-BR, ○ Method validating and implementation (review vial test to IRAC approved methods) • <i>Bathycoelia distincta</i>: Support research efforts in RSA (suspected PYR-resistance) • <i>Diaphorina citri</i>: <ul style="list-style-type: none"> ○ Finalize and publish the Leaf Dip method for IRAC Groups 01, 03, 04, 05, 06 ○ Validate and publish a Flush tube systemic test for IRAC Groups 23 and 28 • <i>Bemisia tabaci</i> (<i>T. vaporariorum</i>): Updated poster version incl. new MOA guidelines • Group 4 IRM Guidelines: Review and finalize – update global document in view of new subgroupings • <i>Lygus sp</i>: USA Cotton engage with IRAC US to assess need for action • Fruit fly species (pyrethroids-resistant olive fly suspected, Greece): <ul style="list-style-type: none"> ○ Summarize current resistance situations for diptera ○ Exchange about methodology ○ Pro-actively release IRAC recommendations, highlight value of current options / prevent use restrictions 	Q2 2015 Q3 2015 2015 Q2 2015 Q4 2015 2015 Q1 2015 2015 ???
Prepare for future Sucking Pest problems long term (avoiding resistance development)	<ul style="list-style-type: none"> • <i>Tetranychus sp.</i> (mites), <i>Diaphorina citri</i> , <i>Nilaparvata lugens</i>, <i>Dichelops melacanthus</i> (stinkbugs) <ul style="list-style-type: none"> ○ Collect reports on monitoring studies and publications, follow up field failures • <i>Aphis gossypii</i> (neonicotinoid target site resistance) <ul style="list-style-type: none"> ○ Monitor complaints globally and report liaise with researchers 	2015 2015