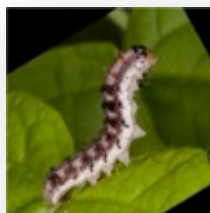




Insecticide Resistance Action Committee

SMART GOALS & OBJECTIVES 2017 - 2018



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 2017-18

Goals	Objectives	Target Completion Date
<p>Hot issues management</p> <p>Actions to minimise spread of resistant pests, monitoring resistance issues</p>	<ul style="list-style-type: none"> • <i>Myzus persicae</i> Follow-up with “implementation” of IRM Guidelines across Europe <ul style="list-style-type: none"> • Monitor vegetable crops and new areas in Europe • Monitor complaints globally and report liaise with researchers • <i>Bemisia tabaci</i> monitoring program (PROMIP/IRAC-BRA): Design IRM strategy in Brasil. • <i>Bemisia tabaci</i> (<i>T. vaporariorum</i>) updated poster version, incl. new MOAs • <i>Sitobium avenae</i> Follow-up with “implementation” of IRM Guidelines across Europe <ul style="list-style-type: none"> • Write local warnings in farmer papers • <i>Aphis gossypii</i> (neonicotinoid target site resistance) <ul style="list-style-type: none"> ▪ Monitor complaints globally and report liaise with researchers ▪ Develop IRM recommendations for Korea as template for future use ▪ Finalize / review poster: globally & local Korean language version 	<p>Ongoing</p> <p>2017</p> <p>Q2 2017</p> <p>Ongoing</p> <p>Ongoing</p> <p>2017</p>
<p>Mid term issue managemnt</p> <p>Prepare IRM guidelines and test methods for pests with, or at risk of developing resistance</p>	<ul style="list-style-type: none"> ▪ <i>Euschistus heros</i>, check on MOA IRAC 01, 03, 04, with PROMIP/IRAC-BRA <ul style="list-style-type: none"> ▪ Follow up with monitoring efforts; Design IRM strategy ▪ Method validation 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> Validate & publish a Flush tube systemic test for IRAC Groups 23&28 • <i>Bactericera cockerelli</i> Activate monitoring, validate and publish a method, notably for IRAC 04 • <i>Fruit fly species</i> (pyrethroids-resistant olive fly suspected, Greece): Exchange about methodology and Pro-actively release recommendations (highlight value of current options / prevent use restrictions) • Identify missing IRAC materials addressing resistance issues and supply them to website 	<p>2017</p> <p>Q3 2017</p> <p>2017</p> <p>2017</p> <p>2017</p> <p>Observer</p> <p>Ongoing</p>
<p>Prepare for future Sucking Pest problems long term (avoidance)</p>	<ul style="list-style-type: none"> ▪ Establish a list of future problematic sucking pests, identify new tragets for IRAC SP WG work <ul style="list-style-type: none"> ▪ Collect reports on monitoring studies and publications, follow up field failures ▪ Create educational materials, test methods, IRM recommendations if needed ▪ Follow the monitoring of high risk species such as <i>Frankliniella occidentalis</i> (thrips), <i>Tetranychus sp.</i> (mites), <i>Nilaparvata lugens</i> (stinkbugs) <ul style="list-style-type: none"> ▪ Collect reports on monitoring studies and publications, follow up field failures 	<p>Q2 2017</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>