

1st IRAC Task Team Meeting IRM in Brazilian Corn, Soybean & Cotton

Brasilia, 3rd March 2015

- Welcome
- Anti-trust
- Objectives & Goals
- Agenda
- Thanks
- House keeping

- 1st Task Team meeting
- Idea of IRAC task teams was first discussed in 2014 by IRAC International members.
 - Address key insecticide resistance issues globally.
 - Bring together key experts from: IRAC International, IRAC regional group & agronomy experts.
 - A temporary ‘task team’ to address a specific need.
- The importance of Brazilian agriculture and potential risks of insecticide resistance development in the soybean-cotton-corn cropping systems = number one priority.
- This is a unique gathering of experts, with the opportunity to work together to both protect the crops and to improve the sustainability of the available crop protection products for the longer term benefit of Brazilian agriculture.

- All IRAC meetings are held under anti-trust rules and regulations.
- Regulations are developed under guidance from Croplife International
- All discussions should be technical discussions and NOT commercial.
- Do not talk about individual products (active ingredient or mode of action only)
- Do not talk about prices, marketing strategies, etc.
- If you have any concerns – please stop the conversation and consult with IRAC Brazil or IRAC International colleagues.
- A copy of the anti-trust guidelines can be provided to those requiring a copy.

Antitrust Law Reminder

for all CropLife International meetings

“IRAC Committees and IRAC Members should be aware that while some activities among competitors are both legal and beneficial to the industry, group activities of competitors are inherently suspect under the antitrust laws.

Agreements or combinations between or among competitors need not be formal to raise questions under antitrust laws, but may include any kind of understanding, formal or informal, secretive or public, under which each of the participants can reasonably expect that another will follow a particular course of action.

All IRAC Members have a responsibility to see that topics, which may give an appearance of an agreement that would violate the antitrust laws, are not discussed during meetings, conference calls or in any other forum.

It is the responsibility of each member in the first instance to avoid raising improper subjects for discussion and the purpose of the Antitrust Guidelines is to assure that participants are aware of this obligation”

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Objectives & Goals

PURPOSE

- **To promote a sustainable and economically viable insect pest management program** in the Soybean-Corn-Cotton crop complex in Brazil (Green-bridge cropping) for both transgenic and conventional crop systems.
- **To minimize the risk of the development of insecticide resistance** in ‘green-bridge’ crops, through the use of IRM & IPM.

OBJECTIVES

- To provide **agreed cross-industry advice** for best practice insect control for economically important pests of cotton-corn-soybean (both transgenic & conventional varieties)
- Co-ordinated **communication of best practice** to growers and grower influencers & product supply chain.
- To gain a better understanding of current grower practices and determine the level of IRM considerations when managing insect pests in the given crops.

OUTPUT

- Aligned IRM guidelines for different crop systems (Technology rather than product focused), communicated through multiple channels.
- Demonstration of benefits of applying IRM strategy (Modelling resistance dev. & value to growers).
- Educational materials to promote IRM to end-users and application decision makers.

OUTCOME

- Retardation of insecticide and insecticidal trait resistance development.
- Prolonged sustainability of insect control solutions
- Economic benefits for growers through reduced inputs and added grower convenience.
- Sustained IRM effort of industry and growers.

- 2 days is a short time !
- Not expected that we will be able to deliver all of those goals with just this single meeting.
- Aim to achieve as much as possible in the time available.
- But likely that the IRAC International & IRAC Brazil colleagues will have a lot of homework !
- However, it is essential that after this meeting is complete that all attendees continue to be consulted and informed of the outputs.

		Start Time	End Time	Session	Purpose	Presenter	Duration	
Day 1	Tuesday 3rd March	08:00	08:10	Welcome	IRAC.	Fabio Andrade	10	
		08:10	08:30	Introduction	Agenda, Admin details, Objectives of meeting.	R.Slater	20	
		08:30	09:30	Presentation 1	Agricultural practice & Grower behaviour of Corn-Cotton-Soybean growers in different regions of Brazil & LATAM	Dirceu Gassen	45 (+15 questions)	
		09:30	09:50	BREAK				20
		09:50	11:00	Presentation 2	Corn-Cotton-Soybean - Pests & Resistance situation	Celso Omoto	55+15	
		11:00	11:45	Presentation 3	GTMR - Introduction, objectives and status	GTMR representative	30 +15	
		11:45	12:00	Close	Closing remarks and next steps	R.Slater / Fabio Andrade	15	
		12:00	13:00	LUNCH				60
		13:00	14:00	Presentation 4	Corn-Cotton-Soybean - Insect Management in BA	Celito Breda/Milton Ide	60	
		14:00	15:00	Presentation 5	Corn-Cotton-Soybean - Insect Management in MT	Lucia Vivan	60	
		15:00	15:20	BREAK				20
		15:20	16:20	Presentation 6	Corn-Cotton-Soybean - Insect Management in MS/GO	Germison Tomquelski	30	
		16:20	17:20	Presentation 7	Corn-Cotton-Soybean - Insect Management in Southern Region (RS/PR/SC and SP)	Jerson Guedes/Geraldo Papa	60	
		17:20	18:00	Close	Closing remarks and next steps	R.Slater / Fabio Andrade	40	
		19:30	22:00	GROUP DINNER				
		Start Time	End Time	Session	Purpose	Presenter	Duration	
Day 2	Wednesday 4th March	08:00	08:10	Interactive Intro	Introduce interactive session & agenda	R.Slater	10	
		08:10	09:30	Presentation 8	Presentation of Draft IRM recommendations from IRAC	C.Pilcher/R.Slater/T.Dennehy	80	
		09:30	10:30	Group session 1	Group sessions (IRM recommendation development): 4 groups - Corn-Cotton-Soybean-Multi Crop	4 Groups	60	
		10:30	10:50	BREAK				20
		10:50	12:30	Group session 1	Continuation - Group sessions (IRM recommendation development): 4 groups - Corn-Cotton-Soybean-Multi Crop	4 Groups	100	
		12:30	13:30	LUNCH				60
		13:30	15:30	Group Feedback	Group Feedback (30 min each)	Group leads	120	
		15:30	15:50	BREAK				20
		15:50	17:30	Team Work	Open discussion & IRM recommendation development	tbc	100	
		17:30	18:00	Close	Closing remarks and next steps	tbc	45 (+15 questions)	
		18:00	19:00	CLOSING APERO				
Day 3	Thursday 5th March	IRAC Brazil/IRAC Biotech WG meetings						

- I would like to thank all of you that were involved in organising this meeting.
- Especially...
 - Renan Ramos and the team from Four Stations
 - Alan Porter (IRAC International Coordinator).
 - Fábio M. de Andrade Silva, Luis Pavan & Nestor Silva
 - And of course....the speakers
- Please remember that this is your meeting !
- Please use this time to voice your opinions, ideas and concerns.
- We are not going to please everybody completely, but our ultimate aim is to provide good, technically based resistance management advice.

- House keeping
 - Emergency Procedure
 - Wireless
 - Lunch & Breaks
 - Evening Dinner & Transport
 - Photographs