

49th Meeting IRAC International (2014)

# Session 2 - IRAC International, Working Groups & Guest Presentations

Hamner Conference Center RTP - North Carolina, US March 17-20











# 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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# 49th meeting – Marking the 30 years of IRAC



The 1st "IRAC" Meeting was held in Brussels on March 13th, 1984 and hosted by GIFAP\*

Inaugural meeting of IRAC on May 12<sup>th</sup>, 1984 with 6 company members:

Voss / Ciba Geigy (Chair) Lindley / Cyanamide Cronin / FMC Davies / ICI Knauf / Hoechst

Zoebelein / Bayer

\*Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques

[International Group of National Associations of Manufacturers of Agrochemical Products]

**48th Meeting - Jealott's Hill (Syngenta)** March 2013 - with 13 members

People attending: 45



**49th Meeting – RTP North Carolina (BASF)**March 2014 - with 13 members

People attending: **50** 

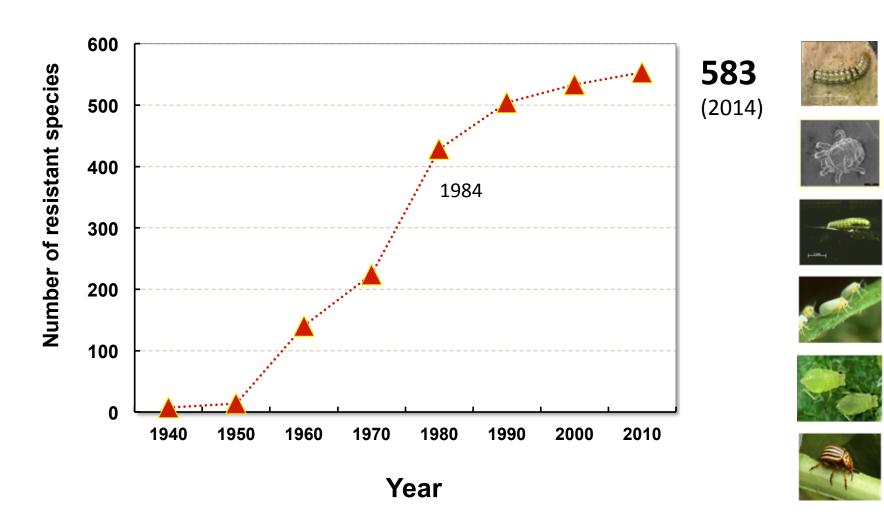


# 30 years building a wealth of knowledge & education





# Since 1984, 4-5 new resistant species every year \*





# Since 1984, big changes in landscape / fewer new MoA \*

#### IRAC mission more challenging than ever

R&D Firms *	1995	2012
Europe	8	4
US	11	3
JP	15	10
New Al * (F, H, I)	1999	2012
Dev.	65	28
Launch	15	8
R&D spent* (USD Bn)	2007	2012
Chemicals	2.5	3.2
Traits	2.0	3.5
GM crops*	2000	2012
Million Acre	100	400

<sup>\*</sup> Phillips McDougall

Intensification / "green bridge" for pests



70 million acres of BT soya to come in next years (LATAM) New invasive species

Complex production environments

















NIHON NOHYAKU CO.,LTD.

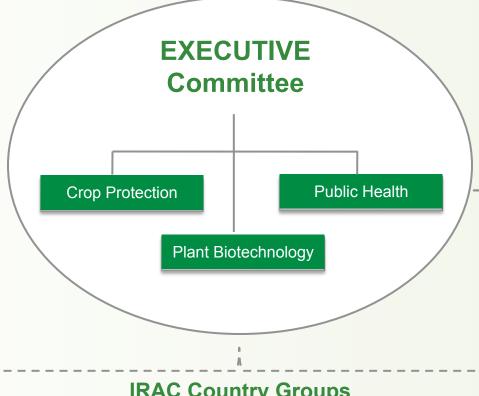


SUMİTOMO CHEMICAL









**Steering Group** 

**Public Health** 

Biotechnology

**Methods** 

**Mode of Action** 

Comm./Education

R. Database (MSU)

Coleoptera

**Sucking Pest** 

Lepidotpera

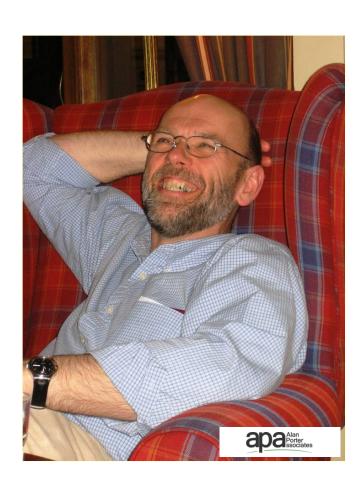
**Diamide** 

#### **IRAC Country Groups**

**IRAC Spain IRAC Brazil IRAC S.Africa IRAC Australia IRAC SE Asia IRAC India IRAC USA IRAC Philippines** 



### **Acknowledgements**



#### A big

#### **THANK YOU**

#### to Alan Porter, for

- Meeting Organization
- Excellent Service all year
- Reminders, Minutes
- >1000 emails
- Numerous conference calls

### **Local organization at RTP**

Thanks to our IRAC colleagues / Your precious time!

Lixin Mao (BASF)
Tim Dennehy (BCS)

and assistance from Diane Cook (BASF)

- Excellent collaboration
- Meeting organisation
- Hotel organisation
- Tour visit, Dinners



#### Some further thanks

#### To All of You

For your commitment and continued support for IRAC For your time and effort to be here this week For the substantial amount of pre-work

#### **To BASF**

For advice, local arrangements and hosting the meeting

#### To CropLife Intl.

Particularly Keith Jones, Susanne Maise, Rolando Zamora

#### To your companies

For continuing to support IRAC

For funding your travel and attendance here



#### A special welcome to our guests

Harold Coble NCSU\* US

Jules Silverman NCSU US

Mike Roe NCSU US

Celso Omoto ESALQ/USP\*\* BR

Rolando Zamora CropLife Intl



<sup>\*</sup> North Carolina State university

<sup>\*\*</sup> Escola Superior de Agronomia Luiz de Queiroz – Universidade de São Paulo

# Housekeeping

- Follow Lixin in case of fire alarm.
- Many presentations please try and stick to the allocated time slot.
- All speakers would appreciate to have your full attention, so please try to check emails and phone calls during coffee/lunch break
- Refreshments will be supplied morning (10.30h) and afternoon (15.00h)
- Group photograph followed by Lunch (12.15h 13.15h)
- The afternoon session 4 presentations / Starting sharp at <u>13:30h</u>.
- Travel to Duke Gardens at 16:30h
- Return to Hotel at 18.00h
- Group Dinner at Maggino's We will walk from the hotel at 19.00h

