

Integration of biocontrol and chemical control across European agriculture

IBMA Conference – 25th October 2011

Antoine Meyer

Head of New Business - Crop Protection -
Europe / Africa / Middle East / Central Asia

BASF SE



Why do we talk about it ?



We support Sustainable Food Production in Europe

Our commitment



The European crop protection industry also supports an EU agriculture which promotes a productive and innovative agricultural sector which is sustainable :

economically

socially

environmentally



We fully acknowledge the need to work toward this Common objective with

Transparency

We support Integrated Pest Management



IPM means the careful consideration of **all available** plant protection **methods** and subsequent integration of **appropriate measures** that discourage the development of pest populations and keep the use of plant protection products and other forms of interventions to levels that are **economically** and **ecologically justified** and **reduce** or **minimise risks** to human health and the environment. IPM emphasizes the growth of a **healthy** crop with the least possible disruption to agro- ecosystems and encourages **natural** pest control mechanisms.



“Where are the facts ?”

“Are the above just statement ?”



“Can we trust you ?”

Chemical vs. bio control - an artificial separation

- Numerous ECPA members are also involved in bio control
- Numerous ECPA members are also IBMA members
- Links are even tighter at national level within Crop Protection associations



- BASF example
 - RAK Pheromones



Example

De facto “Chemical companies are also bio control companies”

Example



Example



- **E.g. Bayer bio control**

- Seed treatment with a new mode of action (bacteria strain) in conjunction with conventional insecticide

- **E.g. Syngenta**

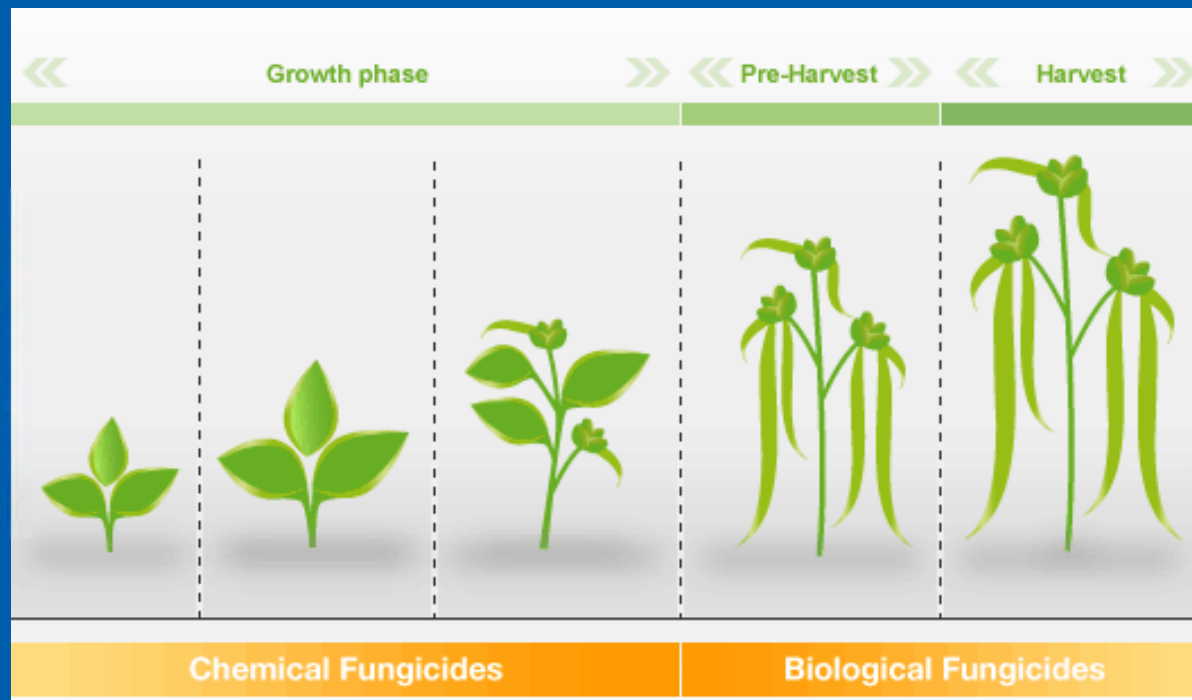
- Development of ICM programs that include the use of beneficial insects and mites focusing mainly on high value crops such as vegetables, fruit and flowers.

How to continue to integrate bio and chemical control?

An example of smart crop protection:

Specifically designed spray programs using multiple tools to give the possibility for growers to control fungal attacks during the pre-harvest and harvest periods by different modes of action.

Example



The result is:

- **healthy,**
- **high quality foods**
- **with lowest possible residues.**

Benefits of a common approach ?

- **Coorganised workshop**
 - To search for common and appropriate solutions (Workshop co-organised with COPA-COGECA and IBMA/ECPA on *Tuta Absoluta*)
- **Co participation to FP6/FP7 programs ENDURE PURE**
- **Private initiative with cooperation between big and smaller companies (e.g. BASF-AGRAQUEST BAYER-KOPPERT,...)**
- **And tomorrow further cooperation regarding Minor Uses**



Integration of biocontrol and chemical control across European agriculture



“Thank you”



“It was necessary to talk about It”



“Did we answer the question ?”



Let's continue the discussion

HUNGRY
for
change

LIVE conference webcast

**Agricultural Productivity
& Sustainability**

10 November 2011



ECPA Conference – HUNGRY for change

10th of November 2011 – Brussels

How to formulate policies that respond to imperatives of safe, affordable nutrition, a health environment, enhanced biodiversity and liveable climate ?

How productivity and sustainability go together ?

Why productivity and crop science are essential to achieving true sustainability ?

Registration and detailed programme available at
<http://www.ecpa.eu/event/food/hungry-change>