

9<sup>th</sup> ANNUAL BIOCONTROL INDUSTRY MEETING - OCTOBER 20-22, BASEL,  
SWITZERLAND



# Gustavo R. Herrmann

## *President*

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ABCBio (Brazilian Association of Biocontrol Industry) was founded in 2007, within the mission to congregate biocontrol companies and make the sector representation stronger.



# ASSOCIATED COMPANIES



# BRAZIL



# DRIVERS OF THE ROW CROPS MARKET REGARDING BIORATIONAL

## Grains Market

Soybean



1. Resistance management

White flies

Stink bugs



**31,2 M  
hectares**

2. Chemical results

White mold



3. GMO



# DRIVERS OF THE ROW CROPS MARKET REGARDING BIORATIONAL

## Grains Market

Corn

**17 M  
hectares**



1. Resistance management

Caterpillars

2. Chemical results

Nematodes

3. GMO



# DRIVERS OF THE ROW CROPS MARKET REGARDING BIORATIONAL

## Grains Market

Cotton

2M  
hectares



1. Resistance management

Cotton bull weevil

2. Banned molecules

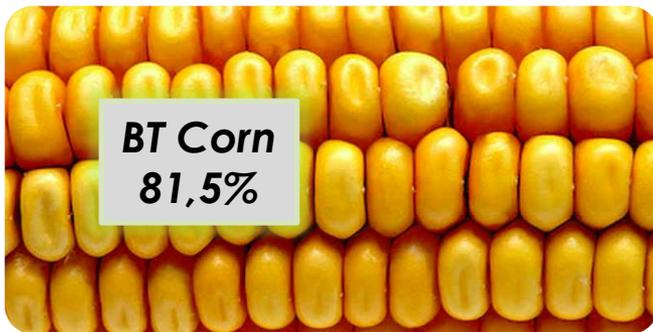
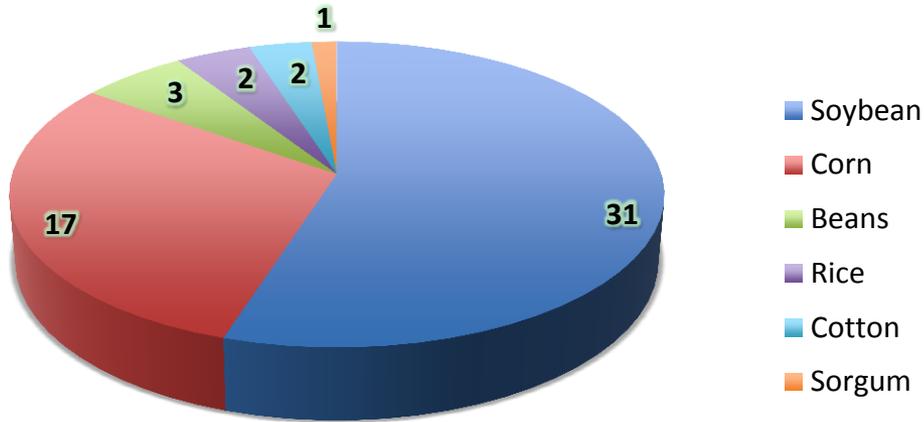
Endosulfan

3. GMO



# GMO

## GRAINS 2014/2015



Source: Céleres Consultancy and CONAB



# HOW NEW PESTS ARE CHANGING THE GROWERS MIND TOWARDS IPM

*Helicoverpa armigera*



First report of presence 2012 (Brazil)

BT GMO corn and cotton areas

No insecticides registered

Big losses to growers

**NEW MINDSET**



# *Thank you*

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