

Fantastic opportunities for IPM and Biological Control in Europe ! ... but ...

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Endure IPM Conference, Paris, November 2010

International Organization for Biological Control

- Mission: to promote the worldwide development of Biological Control and its application in Integrated Pest Management
- 6 regional sections (West and East Europe, Africa, Asia, North and South America) and > 40 working groups



INTERNATIONAL ORGANIZATION
for BIOLOGICAL CONTROL
of Noxious Animals and Plants



IOBC is the only worldwide organization representing research in biological control in various global, regional and national organizations for more than 50 years

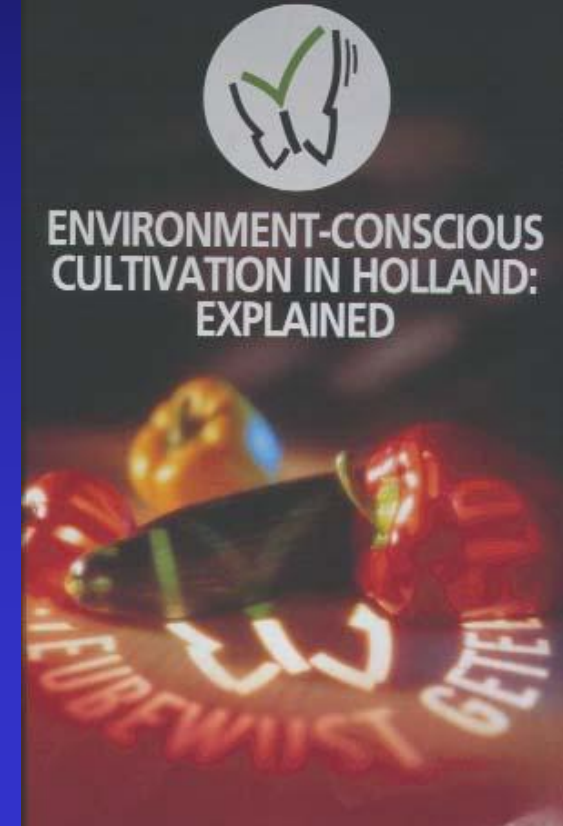
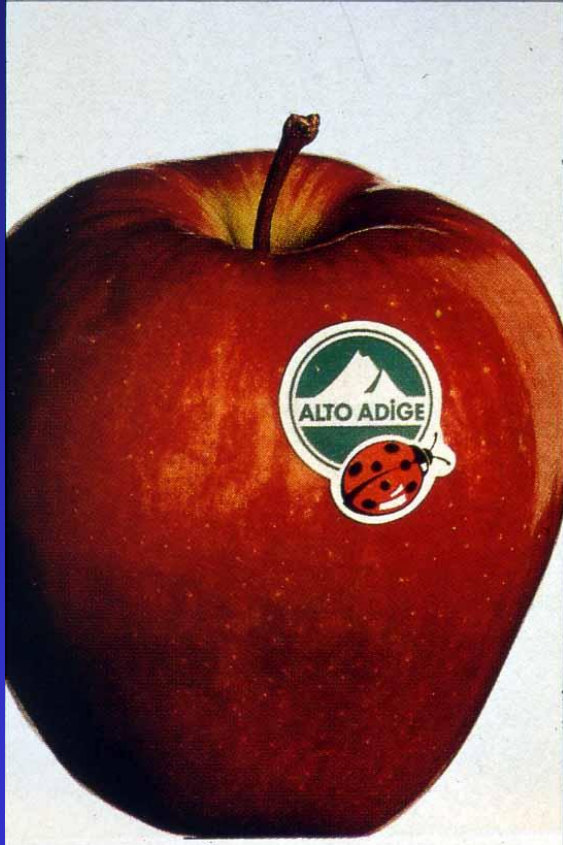
History of the first 50 Years (1956-2006)

Ernst F. Boller, Joop C. van Lenteren & Vittorio Delucchi (Editors)



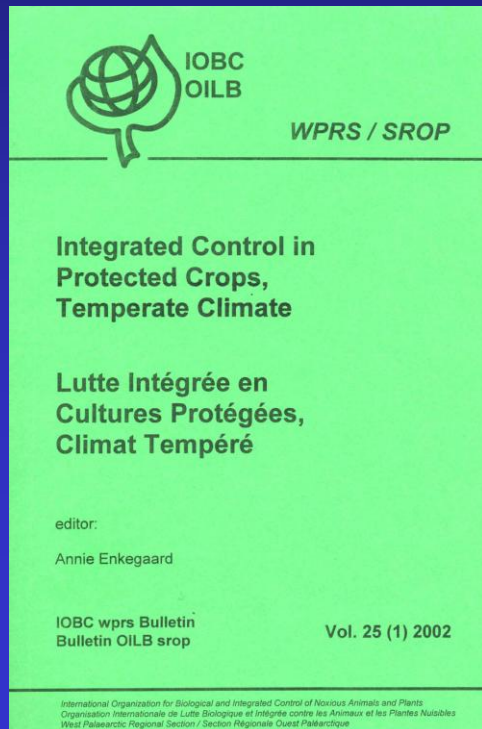
International Organization for Biological Control

Since 1956 IOBC developed practically applied biological control and integrated pest management programmes



International Organization for Biological Control

IOBC Europe, with support of the European Commission (EC), was the first to develop IPM guidelines for many crops in Europe and has since continued to contribute to the development of principles of sustainable agriculture, e.g. guidelines on Integrated Production



IPM
training
1980



International Organization for Biological Control

- IPM is not:
- Intelligent Pesticide Manipulation
 - Integrated Pesticide Management
 - The replacement of one conventional pesticide with an alternative, because the pesticide does not work anymore



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IPM is a systems approach and has been used since the start of agriculture 10,000 years ago, with a short interruption from 1945 - 2014

IOBC and IPM

Biological control alone cannot manage all pests, diseases and weeds

Biological control is one of the cornerstones of IPM: if it works, it works forever and does not negatively interfere with other non-chemical management methods



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biocontrol

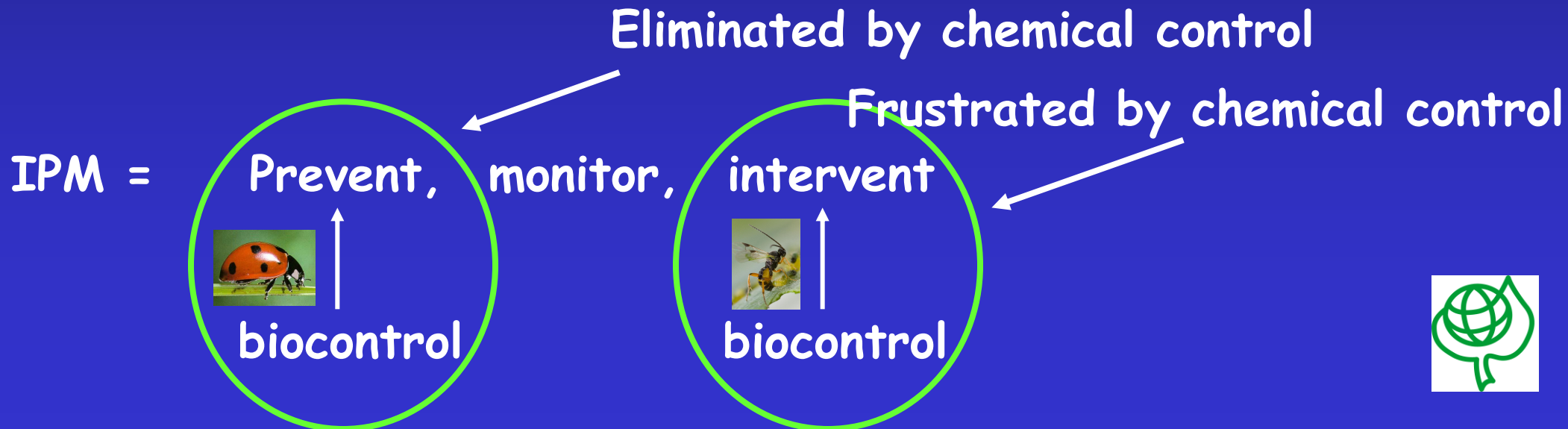
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IPM in Europe

Years ago IOBC tried to get IPM accepted as the official plant protection philosophy in Europe at the national and international level: is now realized !!

Based on new EU approach: fantastic possibilities

- reduce dependency on use of chemical pesticides
- develop IPM
- compulsory implementation of IPM in 2014 in EC
- but current National Action Plans (e.g. France, Germany) mainly concentrate on reduction of volume of pesticides



How most EC member states see IPM



Biocontrol, IPM and National Action Plans

We go way too slow to be able to have real IPM plans by 2014, stop talking, DO instead of sit, talk and study !!

Some lessons from the past:

- IPM is not only a reduction in volume of pesticides, so change the approach, reduce the dependency, do not target at the volume



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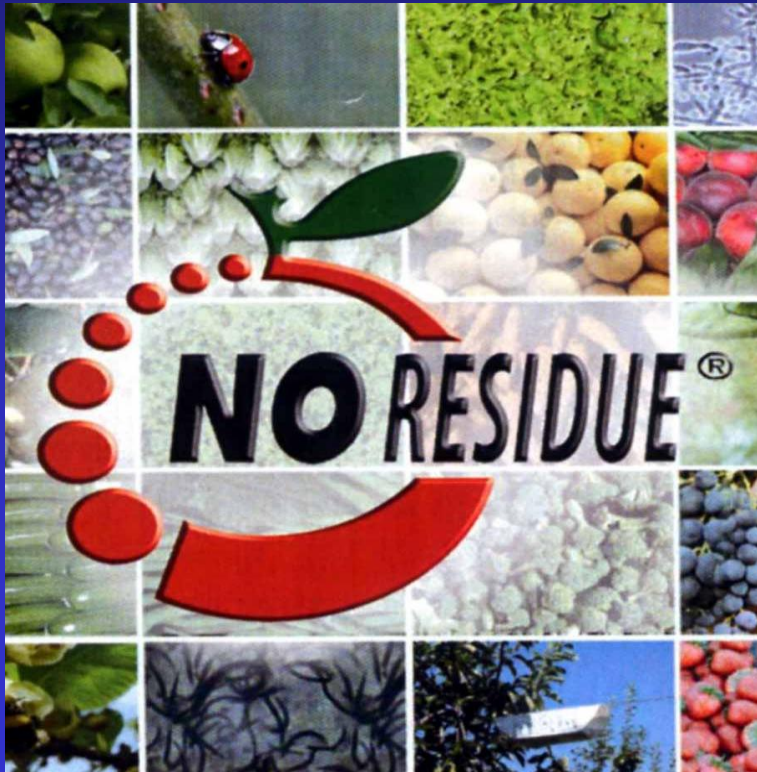
Some lessons from the past:

- IPM is not only a reduction in volume of pesticides, so change the approach, reduce the dependency, do not target at the volume
- Work with the best and most progressive growers, they are the best advocates of IPM
- Immediately apply available IPM methods and study alternatives for those pesticides that negatively interfere with IPM methods: learn by doing
- Teach IPM at all levels, retrain advisors and farmers



Stimulating factors for IPM

- EU policy promising, but end points unclear
- Global Gap, goes further than EC policy and clear end points
- Retailers and supermarkets, higher demands than EC and Global Gap and very clear end points



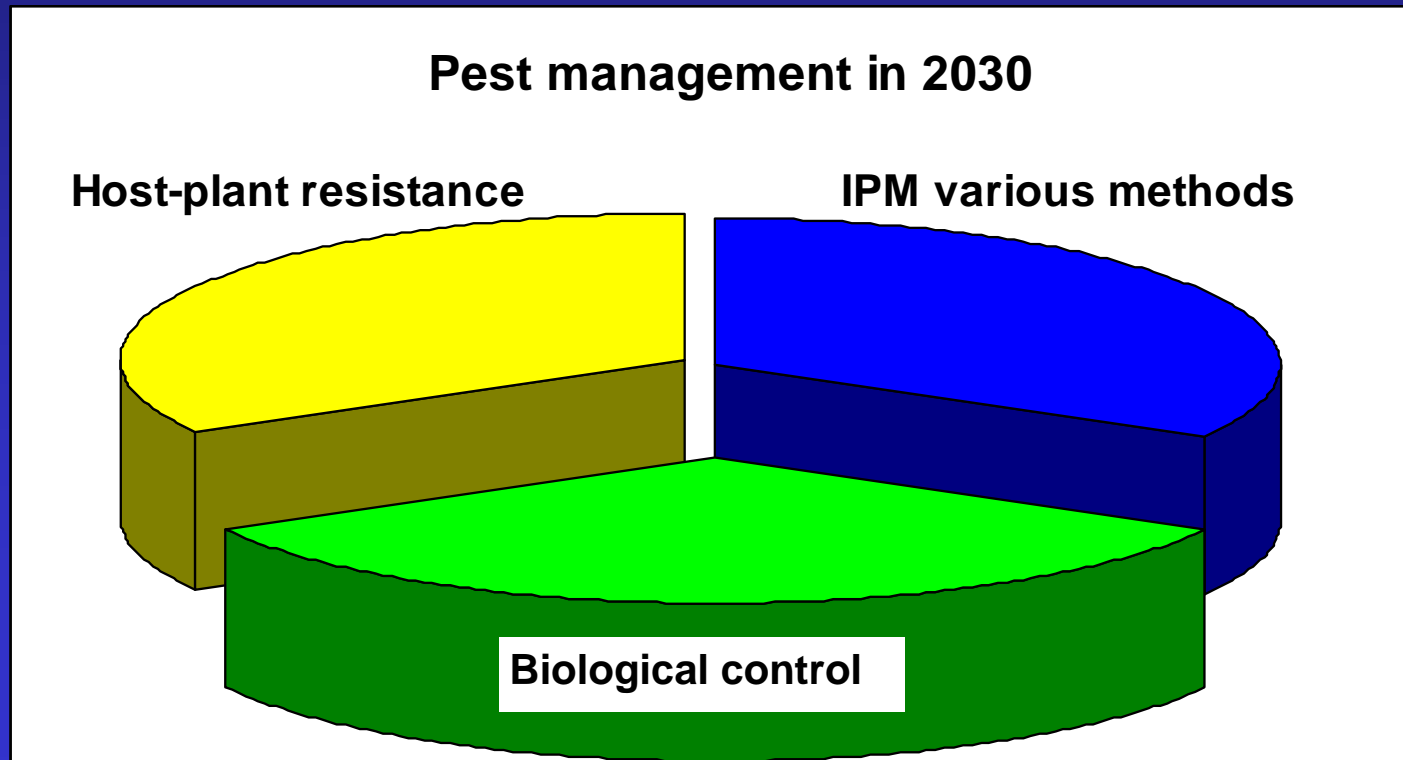
What does IOBC offer

- We have many IPM methods ready to apply for various crops
- In collaboration with IBMA (International BioControl Manufacturers Association) and Global Gap, we assist in design of National Action Plans which are based on REAL IPM



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- In collaboration with IBMA (International BioControl Manufacturers Association) and Global Gap: assist in design of National Action Plans which are based on REAL IPM
- Our view of IPM in the near future:



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Message for the Endure and Pure community....

This is the most beautiful and may be the last opportunity to realize large scale IPM in Europe



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Message for the Endure and Pure community....

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During Endure, you have used a lot of information earlier developed in IOBC Working Groups, great!

During the next phase, do not isolate yourself, but intensively collaborate with other important players in the field of IPM such as IBMA and IOBC





www.IOBC-Global.org

We help you in making agriculture healthy