



Minor Uses: Experience and expectations from the biocontrol industry

Presentation by Ulf Heilig

Workshop on “Minor Uses and Specialty Crops: The way forward in Europe”

18th February 2020



Who are we?

Founded in 1995

Active members (75%)

- Producers
- Distributors

Associate members (25%)

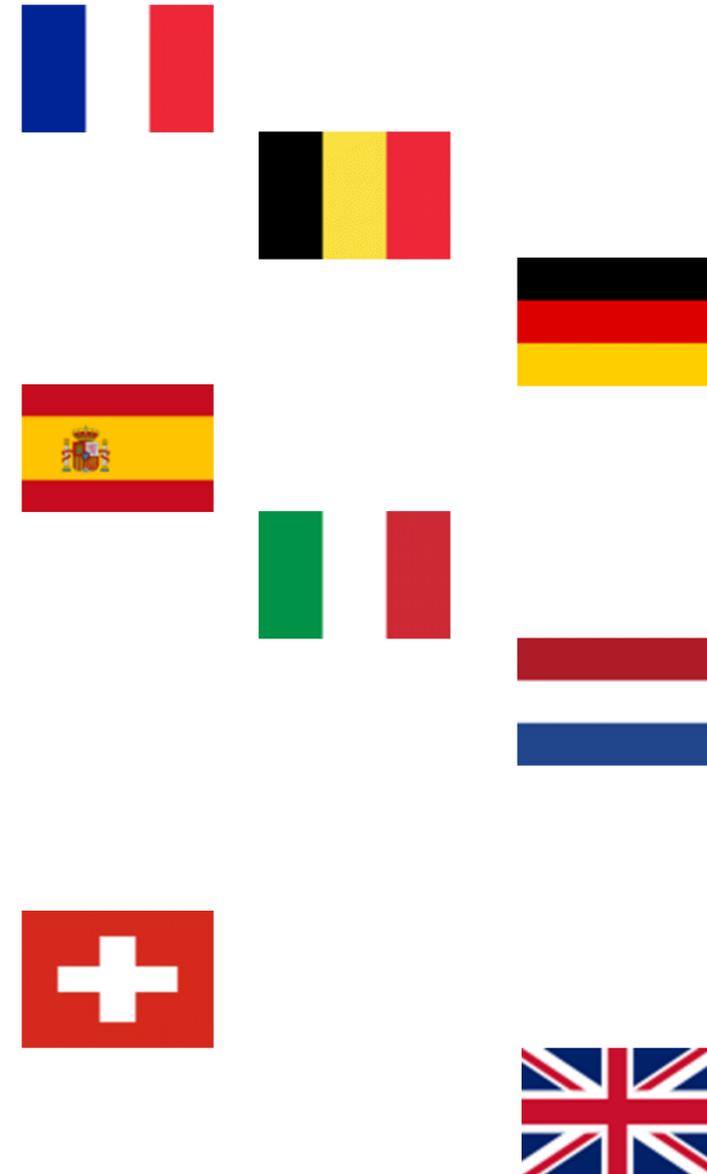
- Knowledge transfer organisations
- Consultancies for the industry (regulation, strategy)
- R & D organisations (private and public ones)

> 250
members

165
in EU

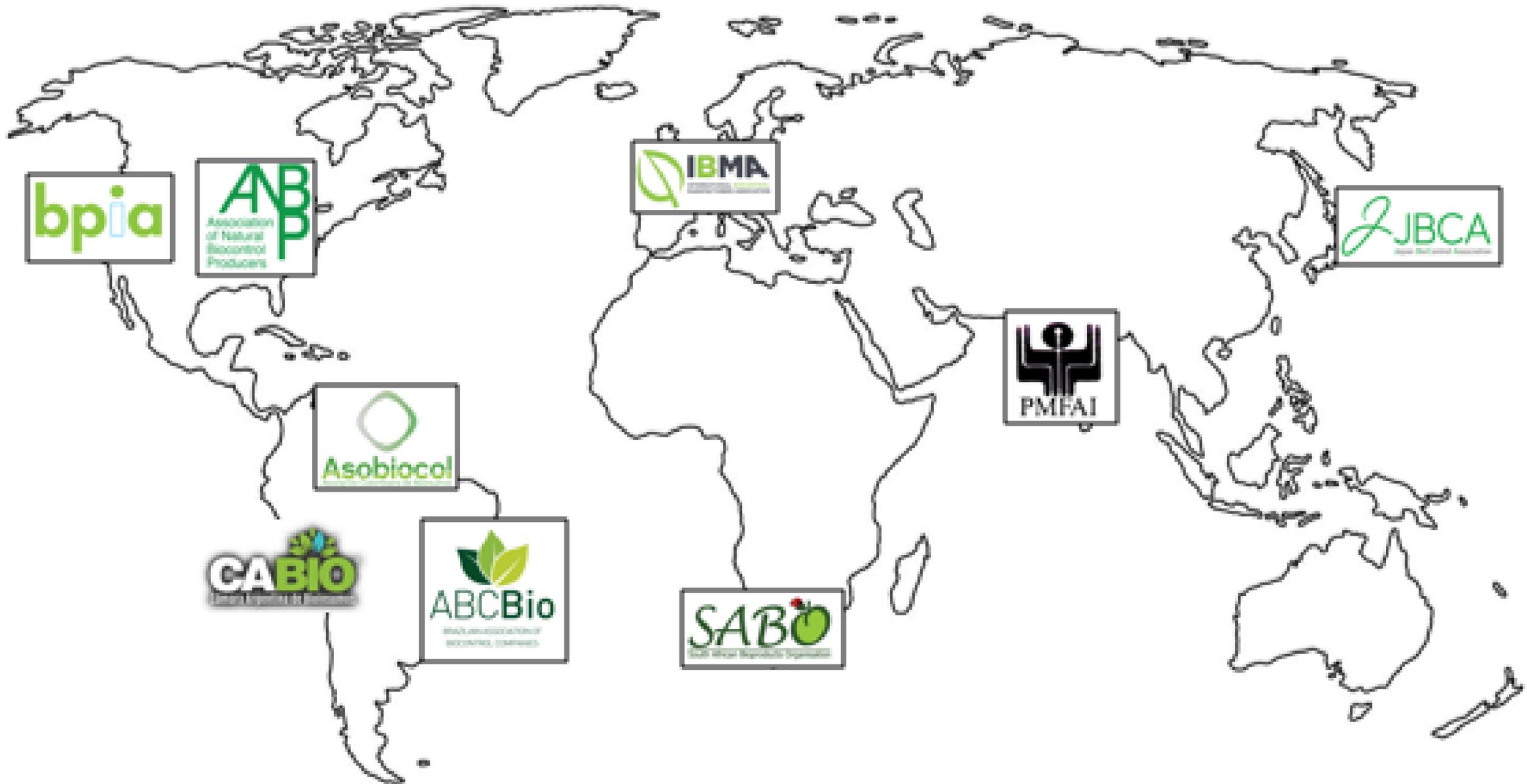
~ 80%
SMEs

National Groups in Europe



IBMA a member of the BPG

the global federation of biocontrol associations



Biocontrol categories

Macrobials



Microbials



Natural Substances



Semiochemicals



Note:

Microbials, natural substances and **semiochemicals** fall under EU PPP legislation

Macroorganisms (= invertebrates) are regulated at national level



IBMA engagements

Participation

In activities of international public organisations and institutions,
e.g. OECD, FAO, WHO, EU Commission, EFSA, ECHA

Partnerships

- **COPA COGECA – IBMA** Roadmap for Collaboration,
2018 - 2025
- Collaborative Roadmap for **IBMA & IFOAM EU** for Organic Farming,
2019 - 2024

Roadmaps



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[Read more !\[\]\(6bb0e4f14c4133b37d2887cb37e67ddd_img.jpg\) ←](#)





Background for COPA COGECA – IBMA Roadmap

EU review programmes resulted in farmers

losing (chemical) solutions

⇒ 1st Roadmap: 2014 to 2018

Since: EU MUCF, EP resolution in Feb 2018

Recognised value of collaboration for
biocontrol industry and farmers

2nd COPA COGECA - IBMA Roadmap 2019 to 2025

01

1) Cooperation on EU Minor Uses & Specialty Crops

- to make solutions available tailored to the farmers' needs
 - ✓ Priority to non-chemical solutions including invertebrates
 - ✓ Use in robust pest and disease management programmes
- Active participation in EU Horizontal and Commodity EGs

02

2) Information exchange on needs and targeted solutions

03

3) Favour the authorisation of low-risk active substances and products

- ✓ Improved timelines and adequate fees
- Many low-risk products are based on biocontrol substances

04

4) Regulation of biocontrol products proportionate to risk



Roadmap **IBMA – IFOAM EU**

01

Bringing biocontrol solutions of natural origin to the market via dedicated proportionate regulation

02

Supporting the authorisation of substances / products in small markets
(= minor uses and specialty crops)

03

Ensuring timely inclusion of approved substances in the EU positive list (create groupings)

04

Building relevant expertise for natural substances in competent authorities

05

Encouraging IBMA members to consider organic farming principles and certification

06

Supporting the EPPO positive list of microbial biocontrol agents as basis for their evaluation in organic farming





IBMA experience with Minor Uses

There are major shortcomings in the
(implementation of)
current EU PPP legislation

Mutual recognition

 **Delays, use restrictions**, authorisations not granted,
Example: garlic extract

Crop Groupings are different in different MSs

Example: difficult to find equivalences for extrapolations

No EU-wide common minor use status

-  Each MS has its **own list of minor uses**
- ⇒ difficulties to identify needs and propose solutions
-  Common priority list established by EU MUCF helps

Highly-specific biocontrol products

 **Disproportionate costs and fees for small markets**

- Pests in minor crops
- Minor pests in major crops

Huge dossier required ⇒ **SMEs** having specific products for minor uses only **cannot compensate** by sales in major crops

Example: Summer Fruit Tortrix



01

Establish a harmonised EU-wide common minor use status

allowing setting-up an EU reference list

02

Give priority in assessment and reduce time to market for low-risk and biocontrol products

03

Grant EU-wide authorisations for biocontrol & low-risk PPPs for minor uses

based on EU-wide common minor-use status.

04

Grant derogations for niche uses

... **and respect of timelines**

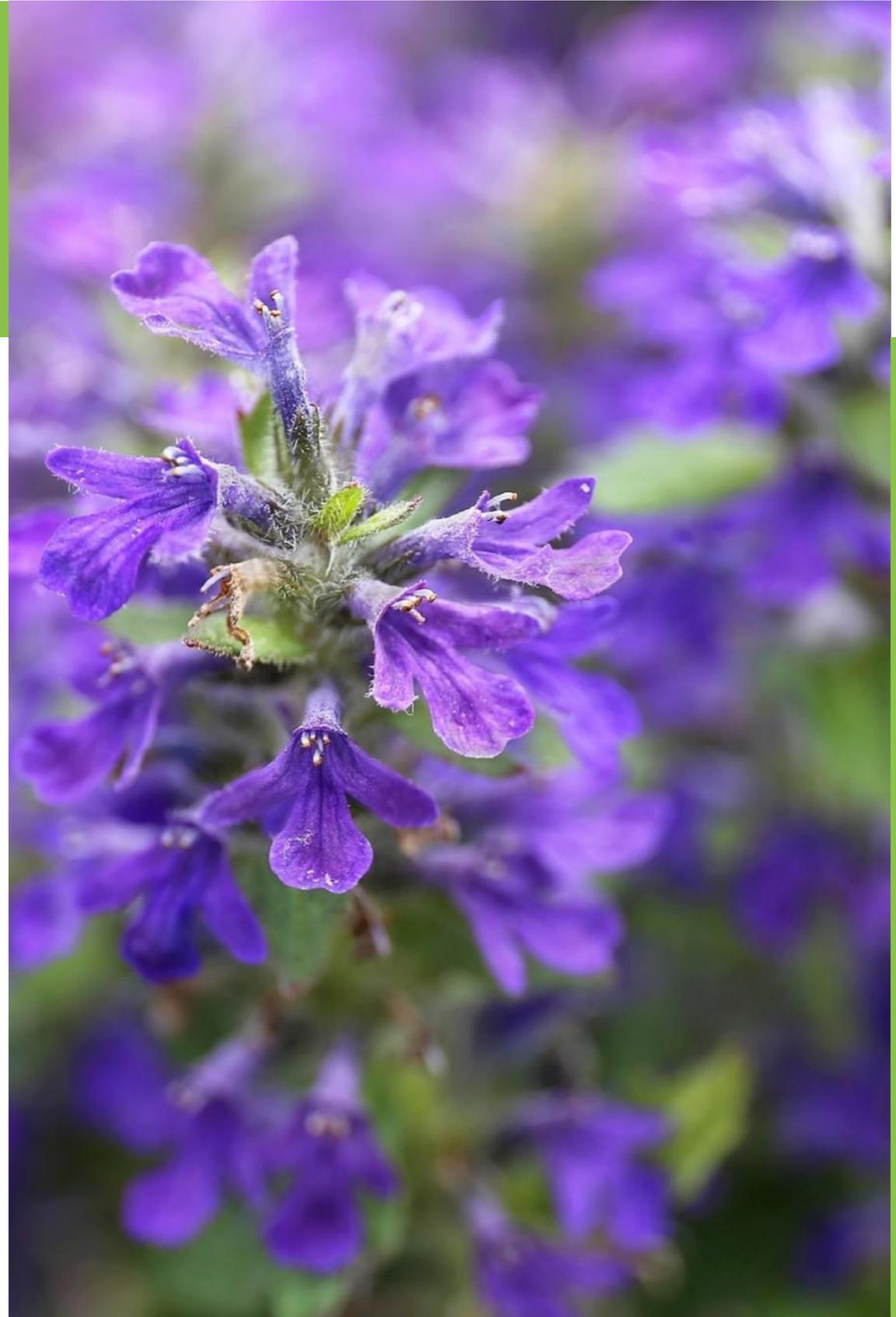


IBMA
proposals
include...

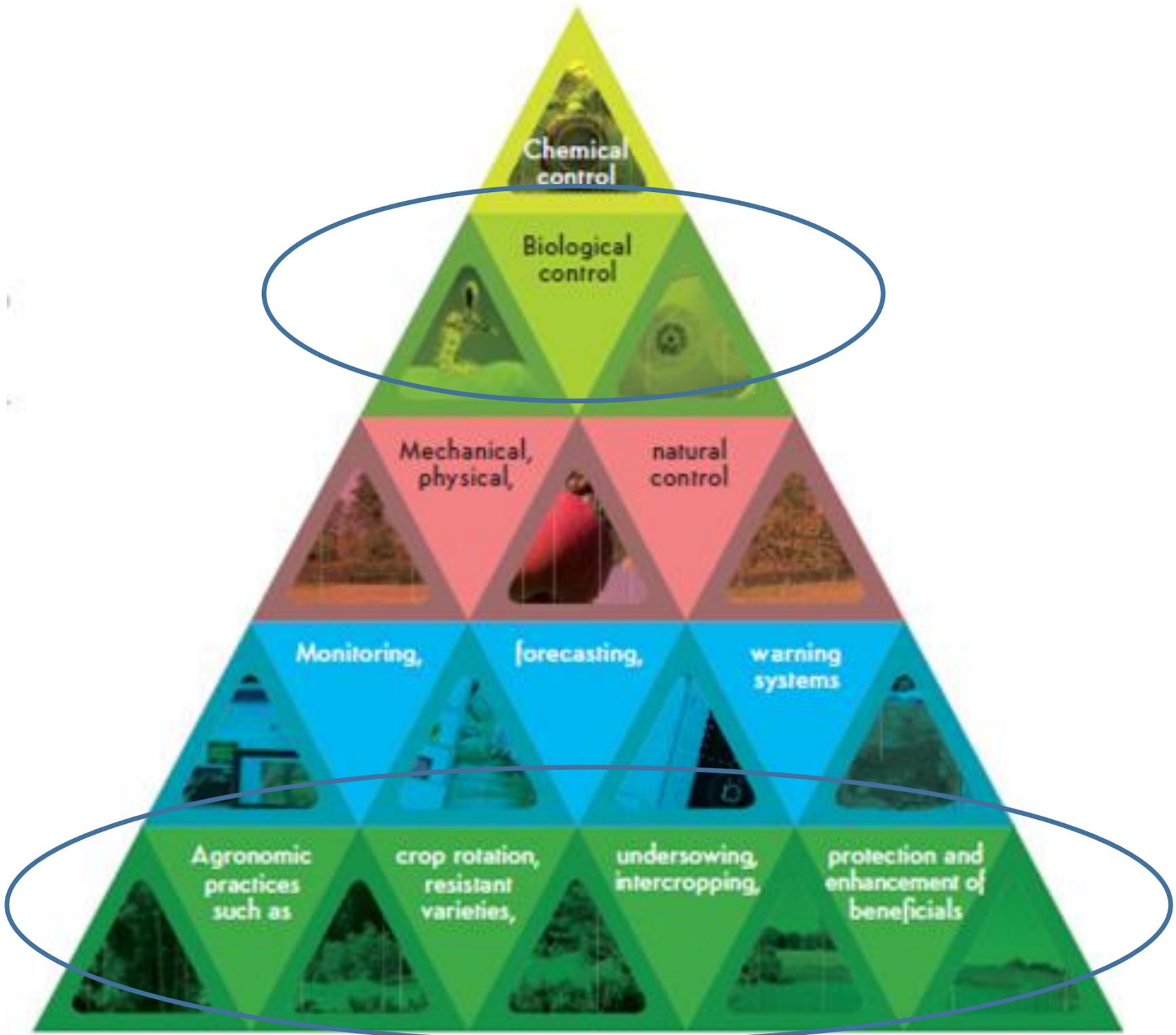
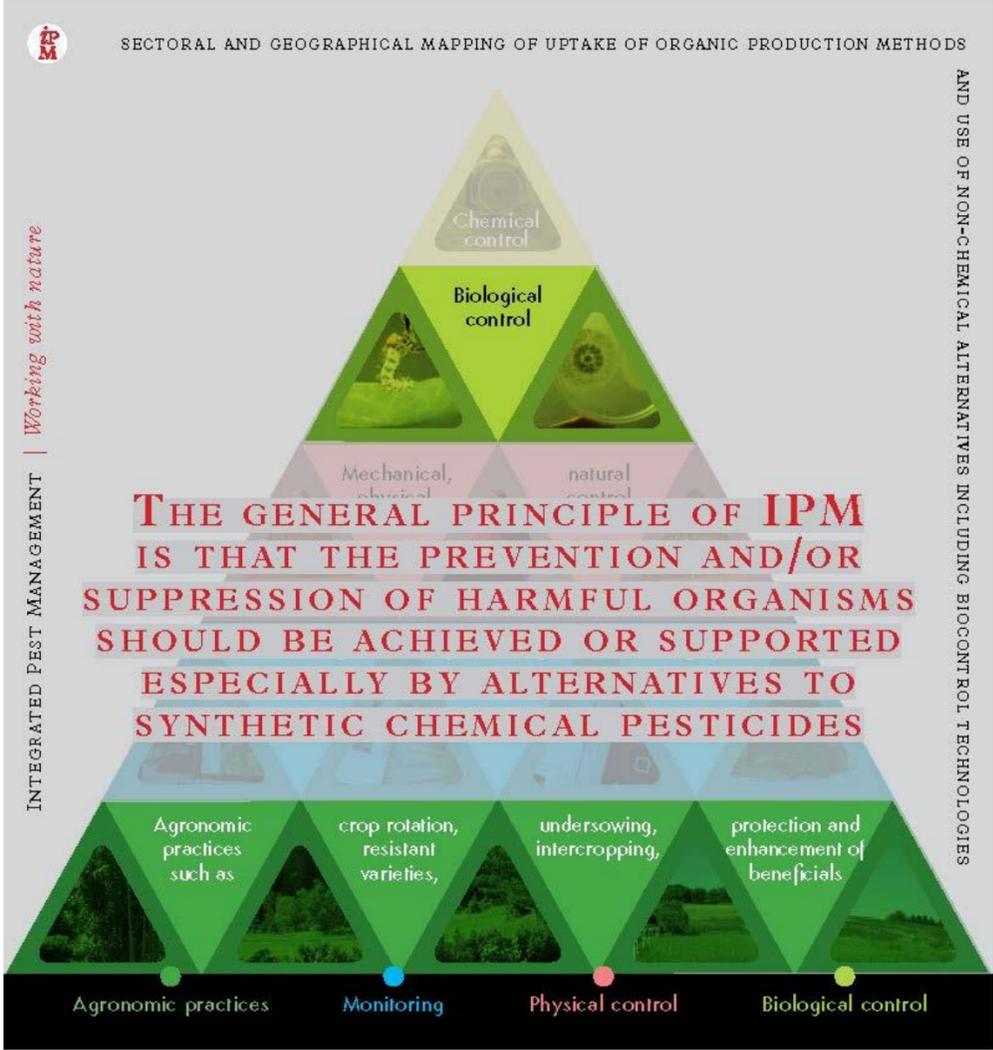
IBMA recognises EU MUCF's essential role in filling use-gaps (“Lückenindikation”, “usages orphelins” by

- ↳ **Co-ordinating work** in generating data for uses in specialty crops / minor uses
- ↳ **Facilitating information exchange** between farmers, national bodies and industry: needs & solutions
- ↳ **Setting priorities**
- ↳ **Representing Minor Use interests**
 - in the EU e.g. in SC PAFF and
 - at global level e.g. in GMUS, OECD, FAO
- ↳ **Participating in stakeholder events**
e.g. in ABIM, ECPA-ECCA Conferences

Vital need for sustainable funding by EU COM and MSs



Integrated Pest Management (IPM) Triangle



Application of macroorganisms on minor crops in Belgium: Whitefly control by different predatory mites on bell pepper

Thanks to Sandro Frati
Co-chair IBMA IBCA PG

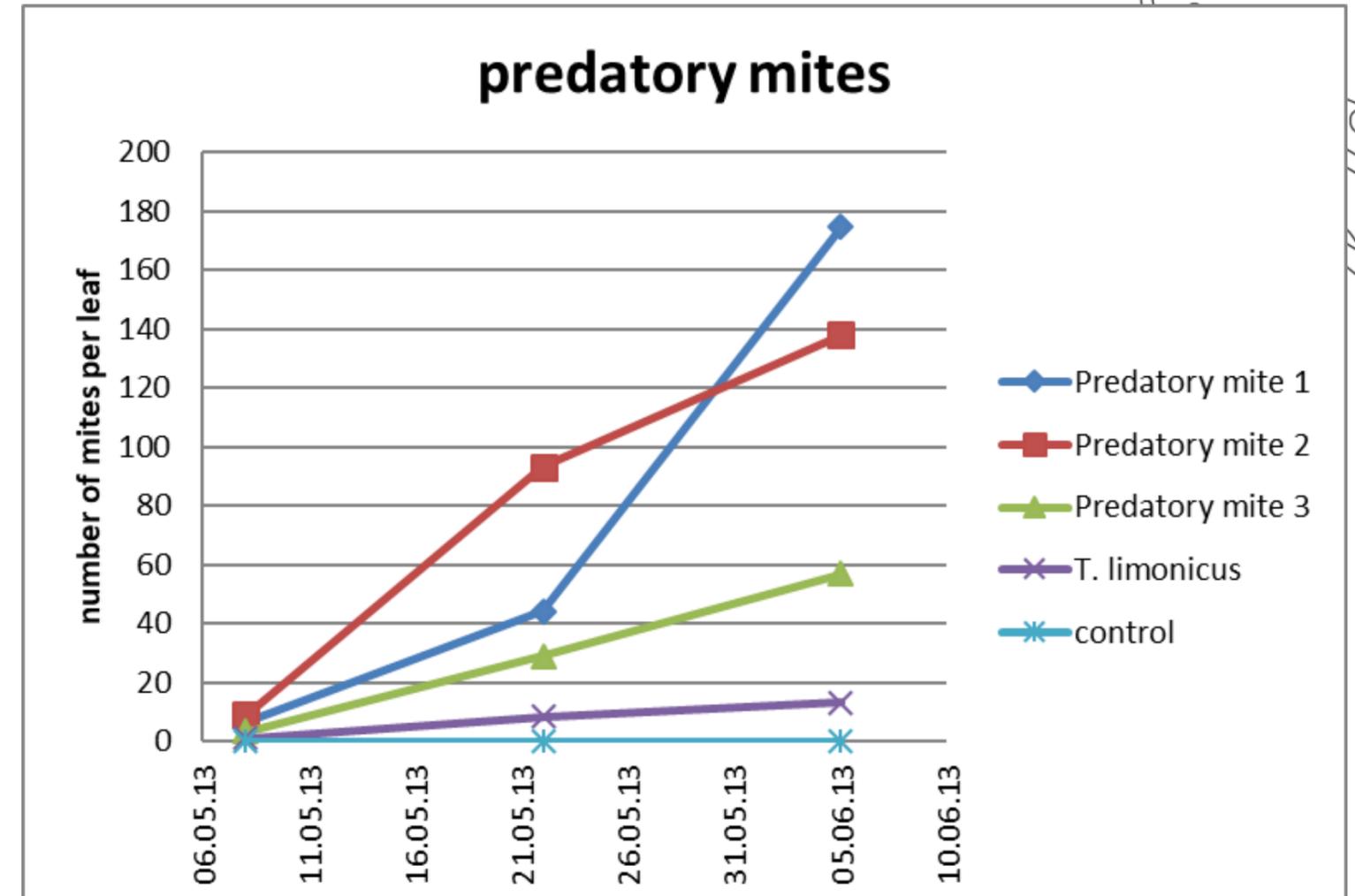
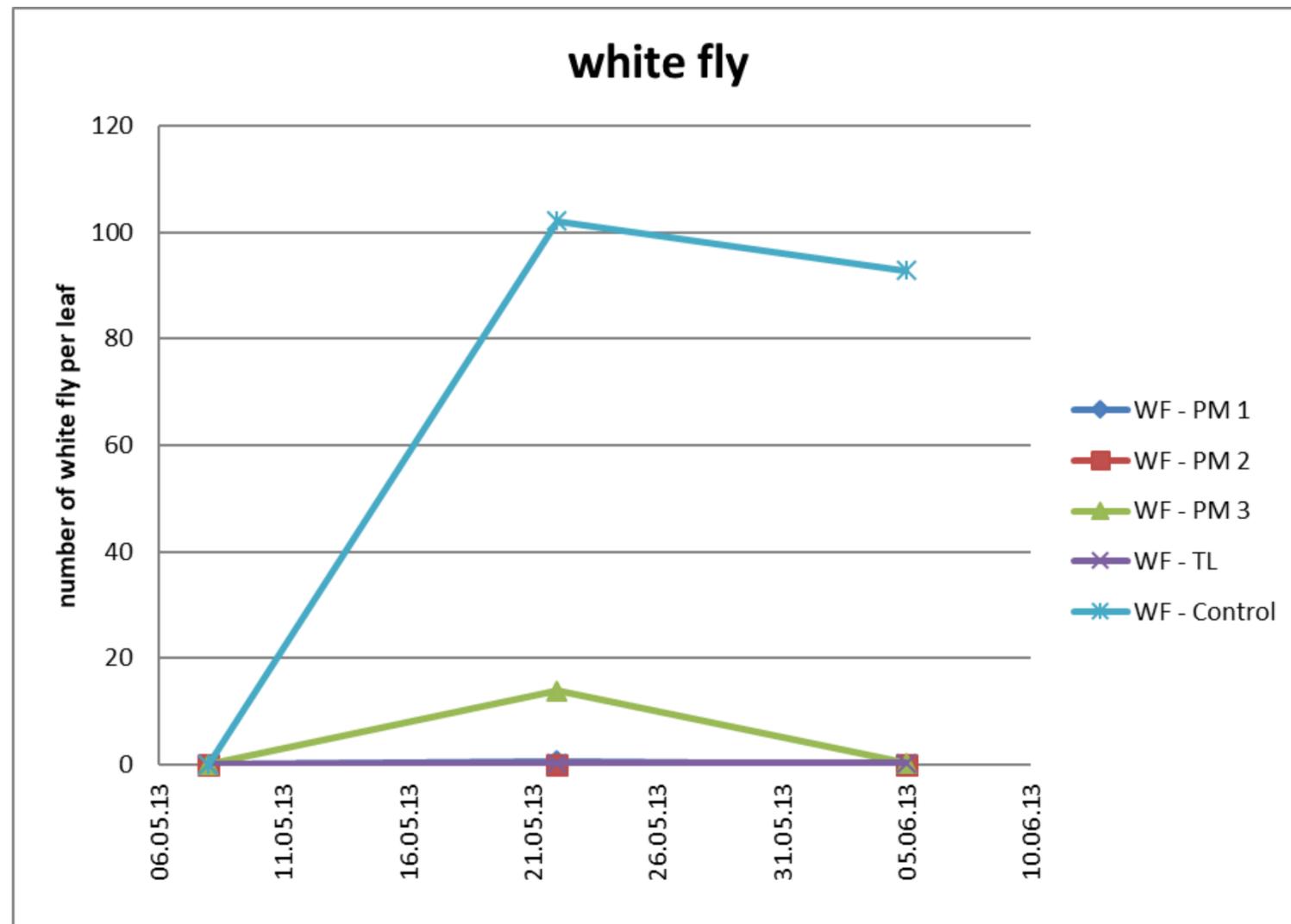
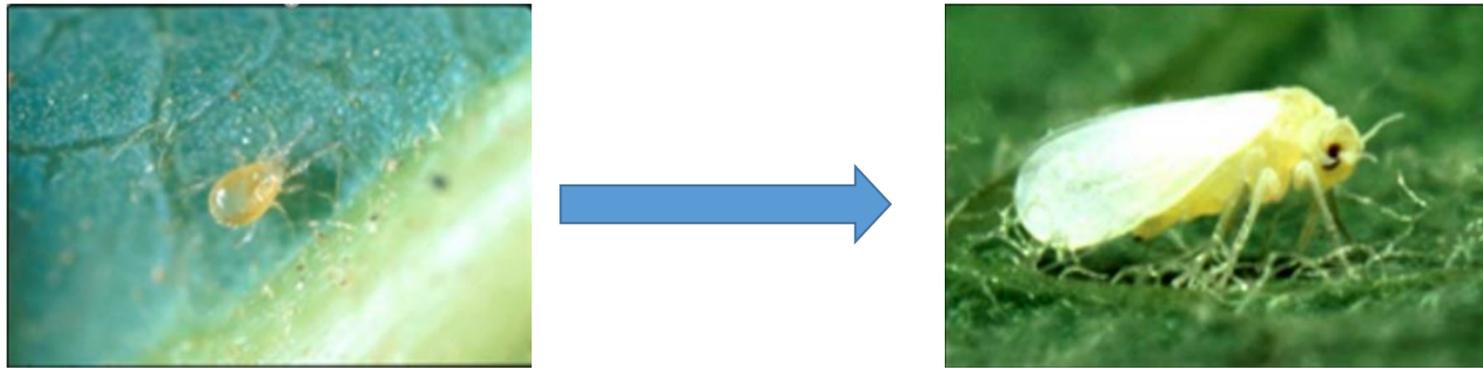
Invertebrates -
Consider the option

- ❖ Pre-inoculation with predatory mites (10/plant)
- ❖ Individual pepper plants with flowers removed + Nutrimate® (pollen) weekly
- ❖ After 21 days inoculation with Bemisia tabaci (10/plant)
- ❖ Untreated control
- ❖ Positive control: Typhlodromalus limonicus

Species	pollen (weekly)	
Predatory mite 1	+	-
Predatory mite 2	+	
Predatory mite 3	+	
<i>Typhlodromalus limonicus</i>	+	
Control	+	



Whitefly control on bell peppers by different predatory mites



- All mite species control significantly the whitefly population
- Preventive application of predatory mites is advisable

Thanks to Sandro Frati
Co-chair of IBMA IBCA PG

Conclusions

01

For Minor Uses, the placing on the market of PPP solutions - especially of biocontrol PPPs - shall be simplified and speeded up

02

MUCF has an essential role in MU / specialty crops protection

By co-ordinating, it contributes to optimising the availability of tailored solution

03

Biocontrol products have a great potential

Many are of low-risk and specific

Many do not need residue work

Macroorganisms should be considered, especially in specialty crops

The existence of the
EU MUCF is vital for all
stakeholders



<https://www.ibma-global.org>



Thank You

