



The potential role of biocontrol centres

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"Feeding Europe with less pesticides"
IOBC/IBMA/PAN Europe Symposium, Brussels 5 December 2013





There is a constant mortal combat for living space among organisms

WE CAN USE IT

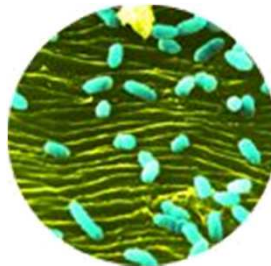


Biological control

The use of living organisms to control harmful organisms or restrict their harmful actions

Takes advantage of fundamental ecological interactions between organisms: predation, parasitism, pathogenicity, competition, antagonism, induced resistance etc.....

**Biological control –
a crucial component of Integrated Pest Management**



P. chlororaphis bacteria on barley kernel



Centre for Biological Control - CBC

Started in 2012

Financed by the Swedish Ministry for Rural Affairs

- Applications in agriculture, horticulture, forestry, animal husbandry and aquaculture.
- Research and development in different areas of biocontrol.
- Promote biocontrol research and research collaboration.
- Cooperation with and support to stakeholders – authorities, companies, extension, grower's organisations, NGOs etc



CBC organisation

Five research areas:

- Insects/arachnides for biocontrol;
- Fungi for biocontrol;
- Bacteria for biocontrol;
- Microbial stabilisation/formulation;
- Safety and regulation.

Steering group + Advisory group



CBC research

- Fundamental and applied research on biological control to strengthen the knowledge base;
- Facilitate the development and implementation of new biocontrol products and approaches.

Current research focus:

- Biocontrol in agri- and horticultural crops in IPM context
- Inundation/application + conservation biocontrol strategies
- Microbial consortia
- New formulation concepts
- Relevant methods and criteria for safety evaluation





CBC outreaching activities

- Meetings
 - Annual stakeholder meetings on biological control
 - International symposia (IOBC conference Uppsala June 2014)
- Expert support and opinions
 - to authorities (national, EFSA, COM)
 - to companies, assignments
 - to advisors
- Courses
 - for advisors and growers
 - for students - ambassadors for the future
- International research collaboration



Potential role of national biocontrol centre

- Different national conditions and needs
- Together with stakeholders identify knowledge gaps and obstacles
- Initiate/perform relevant research
- Develop new biocontrol concepts
- International collaboration
- Expert advice functions – national and supranational
- ***Support build-up of knowledge, communication and implementation on biocontrol and IPM***



Thank you!

