• BioProtection Global (BPG) is a worldwide federation of biocontrol and biopesticides industry associations.
• These associations are comprised primarily of manufacturers of biocontrol and biopesticide products for professional use in agriculture, animal health and other non-crop uses.
• Established October 2014 as a Global Federation of Biocontrol and Biopesticide Associations (GFBBA)

• New acronym: BioProtection Global

Members
ABC Bio - Brazilian Association of Biological Control Companies
ANBP - Association of Natural Biocontrol Producers
BPIA - Biopesticide Industry Alliance
IBMA - International Biocontrol Manufacturers
SABO - South African Bioproducts Organisation
• BPG aims to represent the bioprotection industry for key topics on a global scale in order to promote bioprotection and harmonise proportionate regulations
BioProtection is regarded as a concept of pest and disease management using products based on natural (or nature-identical) substances and/or living organisms with a low impact on human health and the environment. For the purposes of BPG, BioProtection includes Biocontrol and Biopesticides.

Biocontrol often refers to the use of macro-organisms such as insects, mites, nematodes. They are often called natural enemies, or beneficials.

Biopesticides refer to products based on, among others, microorganisms, semio-chemicals, natural biochemical substances, botanicals, etc.
The BPG Board is formed by Board Members of Members Associations

Members
- Industry associations for biocontrol and biopesticide manufacturers
- Must be dedicated to bioprotection
- Associations with a regional perspective rather than a national approach
- Should strive for harmonisation and proportionality in regulations and assist each other where possible
- Should meet the membership requirements
- Should accept and adhere to the BPG Charter of Principles

No statutes
No budget (in future??)
New members: in contact with 3 candidate members
- PMFAI – India
- Jap. Biocontrol Association – Japan
- ASEAN _ S.E. Asean countries
Board Officers:

- The term will be for 1 year from 1\textsuperscript{st} January to 31\textsuperscript{st} December 2016.
- Willem Ravensberg (IBMA) - President
- Rick Melnick (BPIA) - Vice President
- Andre Fox (SABO) - Immediate Past President
- Keith Jones (BPIA) was appointed 2016 Secretariat
BIOPROTECTION GLOBAL OBJECTIVES

- Identify common needs and avoid duplication in areas that extend beyond national or regional issues
- Work on proportionate regulations for biocontrol agents with relevant global or regional organisations and authorities and to harmonise such regulations worldwide as much as possible
- Promote bioprotection and a broad adoption of the use of its products in integrated pest management programmes with respect to human health and the environment to provide a more sustainable world
- Provide a network for members and participate in meetings, conferences, etc. to advocate bioprotection
- Assign appropriate member resources in pursuit of deliverables to serve the betterment of all member organisations
1. To promote the concept of bioprotection in sustainable protection programs in agriculture as well as in public health, forestry, home and garden, structural, industrial, and institutional pest control.

2. To operate with compliance for the laws and regulations, and respect for soft laws including guidance and advisory best practices (and any modifications, amendments and updates) of each country in which we conduct business.

3. To operate with respect for the environment.

4. To operate with respect for public health and worker safety.

5. To operate in an ethical manner.

6. To promote open communication with governments, IGOs, NGOs, educational institutions, research organisations, and the general public regarding the use of bioprotection technologies.

BIOPROTECTION GLOBAL ACTIVITIES WITH IGO’S AND NGO’S

OECD
FAO AND WHO
UNEP - CBD
OECD PESTICIDES PROGRAMME STRUCTURE AND BPG INVOLVEMENT

OECD Working Group on Pesticides

Network for Fighting Illegal Trade

Bio-Pesticides Steering Group

Various ad hoc groups

Risk Reduction Steering Group

Risk Indicators

Spray Drift

Integrated Pest Management

Compliance and Enforcement

Pollinators

Minor Uses

Registration Steering Group

Electronic Exchange of Data

Residue Chemistry

Programmes of importance to BPG

Present

Future
OECD

BioPesticide Steering Group – BPSG

Workshops for developing Guidance Documents

• 2008 - Regulation of Biopesticides: Registration and Communication Issues
• 2009 - Seminar on Identity and Characterisation of micro-organisms
• 2010 - Seminar on the fate in the environment of microbial control agents and their effect on non-target organisms
• 2011 - “Characterisation and Analyses of Botanicals for the Use in Plant Protection Products”
• 2012 - “Trichoderma spp. for the use in Plant Protection Products: similarities and differences”
BioPesticide Steering Group – BPSG
Workshops for developing Guidance Documents

- 2013 - OECD/Kemi/EU Workshop on Microbial Pesticides: Assessment and Management of Risks
- 2014 – Application Techniques for Microbial Pest Control Products and Semiochemicals: Use Scenarios and Associated Risks
- 2015 - Hazard and Risk Assessment of Secondary Metabolites
- 2016 – Sensitization potential of microorganisms
UN FAO / WHO GROUPS DEALING WITH PPP’s AND BPG INVOLVEMENT

FAO / WHO

- UNEP
  - ABS Nagoya Protocol
  - Programmes of importance to BPG
    - Present
    - Future

- JMPM
  - Code of Conduct
  - Guidance
  - Biocontrol Integrated Pest Management

- JMPS
  - Regional and Global Harmonisation
  - Training
  - Minor Uses
  - Guidance
  - Adherence
FAO/WHO AND BIOPROTECTION GLOBAL

JMPM - Joint Meetings on Pesticide Management

• The JMPM combines the FAO Panel of Experts on Pesticide Management and the WHO Panel of Experts on Vector Biology and Control.

• The **FAO/WHO JMPM** advises on matters pertaining to pesticide regulation, management and use, and alerts to new developments, problems or issues that otherwise merit attention.

• BPG – to include biopesticides in general
JMPS - "Joint Meeting on Pesticide Specifications"

- JMPS is an expert ad hoc body administered jointly by FAO and WHO, composed of government and industry scientists collectively possessing expert knowledge of the development of specifications.

- FAO and WHO are publishing specifications for pesticides, as well as the accompanying manual on the development and use of these specifications:
  - a normal standard of quality for the buying and selling of pesticides
  - assistance in the official approval and acceptance of pesticides
  - protection for responsible vendors against inferior products
  - a link between biological efficacy and specification requirements
  - an international point of reference
**Pesticide Specifications**

- BPG – to provide expertise for specifications guidance and participate in panel deliberations for biopesticides.

- BPG Association Member companies to submit applications for products → a test product of Bacillus subtilis will be submitted in Q1/Q2 2017.

- Guidance to be finalised for microbials specifications 2017.

- Guidance for semiochemicals to be commenced in 2017.
NAGOYA PROTOCOL AND ABS

- IBMA is involved since 2008
- IBCA (macrobiolals) initiated
- CBD: working groups, side events (together with ICC)
- IOBC working group: Preparation of Background Study paper 47 FAO
- EU: meetings on draft regulation;
- REGULATION (EU) No 511/2014 of 16 April 2014
- Development of sector specific guidance: biocontrol and biostimulants
- Best Practice Document (EU, FAO)?
  - IBMA Working group ABS: all professional groups

- BPG members involvement needed
## Bioprotection Global Activities with IGO’s and NGO’s

| Pesticide Action Network (PAN) |
| Greenpeace |
| IFOAM |
| Others |
NGOS OF INTEREST TO BPG

• PAN International
  • Regions incl. Europe, North America, Pacific
  • 4 symposia on SUD with European Parliament

• Greenpeace
  • Regions, and on global basis
  • 2 symposia on SUD with European Parliament

• IFOAM
  • Regions, and on global basis
  • Use of biocontrols in organic agriculture
  • Harmonize certification
why we all need harmonization

- For producers of (bio)pesticides
- For regulators
- For farmers and other users
60,000,000

crop/pest/product/country combinations

> 10,000 crops
> 10 pests per crop
> 3 products per crop/pest combination
➢ 200 countries doing the same regulatory work

Dr. Imme Gerke and Dr. Jacques Drolet
Who wants change?

Who wants to change?
Global Cooperation across Political Borders among and between growers, industry and governments
BIOPROTECTION GLOBAL HARMONISATION: IT IS POSSIBLE !!!!!!
Many countries have not yet developed a format for data packages of biopesticides to be submitted. However, they all know that they need one. If companies now begin to develop a single data package for the world in OECD format, all countries receive a standard data package and it is identical to that in other countries. If that happens, countries will stop to push ahead with the development of a national format. If it does not happen, countries will develop national formats and companies will be stuck with the requirement for differently formatted data packages for different countries. As of today, companies can move the regulatory system into harmonization. Or allow it to drift further apart. Right now is not the time to argue but to implement and to get regulators to keep their word. That is possible. Let us change!!!
The future of biocontrol and harmonized regulations and trade has started.
BPG needs to be part of this.
And all of you as well.

Thank you.

Questions ??

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