EU activities to support sustainable crop protection with biological pesticides

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The European Green Deal

- CLIMATE PACT AND CLIMATE LAW
- INVESTING IN SMARTER, MORE SUSTAINABLE TRANSPORT
- STRIVING FOR GREENER INDUSTRY
- ELIMINATING POLLUTION
- ENSURING A JUST TRANSITION FOR ALL
- MAKING HOMES ENERGY EFFICIENT
- FINANCING GREEN PROJECTS
- LEADING THE GREEN CHANGE GLOBALLY
- PROTECTING NATURE
- PROMOTING CLEAN ENERGY
- FROM FARM TO FORK
Reduce by 50% the overall use and risk of chemical pesticides and reduce use by 50% of more hazardous pesticides

Reduce nutrient losses by at least 50% while ensuring no deterioration in soil fertility; this will reduce use of fertilisers by at least 20%.

Reduce sales of antimicrobials for farmed animals and in aquaculture by 50%.

Achieve at least 25% of the EU’s agricultural land under organic farming.
Pesticides in the Farm to Fork Strategy
Reduce use and risk of chemicals

- Reinforce the environmental risk assessment of pesticides

- Facilitate the placing on the market of biopesticides

- Reduce the length of the pesticide authorisation process by Member States
Active substance and Plant Protection Product (PPP)

- **Active substances**: components of PPP that actually prevent, destroys or control harmful organisms (the so-called pests, such as insects, fungi and weeds) or plant diseases.

  - Approved at EU level

- **Plant protection products**: mixtures containing one or several active substance(s) and other ingredients (so-called co-formulants).

  - Authorised at Member State level
Active substances approval (EU level)

- Standing Committee for Plants Animals Food and Feed (PAFF, 27 MS)

Procedure = 2,5 to 3 years (in reality longer !)

Application
Company
Data requirements

Evaluation
Rapporteur
Member States
Uniform principles of evaluation

Peer review
EFSA

Approval/
Non-approval
adopted by
Commission
Updating the data base

Risk Assessment

Risk Management
Biopesticides - current data requirements

- Reg. 283/2013 active substances, part B
- Reg. 284/2013 plant protection products, part B
- Reg. 546/2011 uniform principles for evaluation and authorisation of plant protection products
Current actions on biopesticides

- Update data requirements for biopesticides (microorganisms)
- New guidance documents
- Improve risk assessment process - training
Update data requirements for biopesticides

Need for updating

- more specific and flexible approach
- New challenges/ new PPP

- The evolution of science supporting risk assessment
- Increased number of applications for microbial PPP

**APPLICATION FOR NEW ACTIVE SUBSTANCES SINCE 1996**

- 1996-2000: 53
- 2001-2005: 38
- 2006-2010: 28
- 2011-2017: 29

**Availability of Low Risk Substances**
Update data requirements for biopesticides

Process - agreed principles

- No need to start from scratch (e.g. existing text, experience on current applications)
- Foster dossiers’ quality (e.g. “Need-to-know” approach, explanatory points for applicants, to justify missing provision of data)
- New scientific approaches (e.g. evolution of science/technology, more importance to literature review)
- Tiered-based approach (mandatory and conditional requirements)
Update data requirements for biopesticides

*Process – biopesticides working group*

- Q4 2018/Q1 2019: identification and categorization of issues
  - ✓ Data requirement cannot be technically met
  - ✓ Meaningfulness of data requirement
  - ✓ Technical inconsistency between Reg. and UP
  - ✓ Appropriateness of txt (in light of technical evolution)
  - ✓ Clarification/ interpretation issue
  - ✓ Lack of guidance
  - ✓ Inconsistency with guidance

- Q3 2019: identification of “Biological Properties” of Reg. 283/2013 as the “cornerstone chapter”
Update data requirements for biopesticides

*Process - activities conducted*

- Q4 2019: initial drafting of Reg 283/2013
- Q2 2020: initial drafting of Reg 284/2013
- Q3 2020: Initial drafting of Reg 546/2011
Update data requirements for biopesticides

Process – next steps

- Standing Committee PAFF
- Consultations (not necessarily in this order):
  - EFSA panel
  - Stakeholders
- Formal adoption process
New guidance documents

- Guidance on Antimicrobial Resistance
- Guidance on Secondary Metabolites of Concern

Improved risk assessment process

- Better Training for Safer Food
Thank you

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