



ECPA Stewardship Projects: Managing risks of pesticide use

ECPA Farm Visit

**Water protection solutions for sustainable productive agriculture:
practical measures for EU policy goals**

Huldenberg, 22nd September 2017

Four Fundamental Commitments

7 Projects



Health:

Minimize risks to operators, bystanders, residents and the environment



Water:

Prevent contamination



Food:

Minimize residues



Biodiversity:

Maintain and enhance

Health



Container Management Systems

Objective

- *Approx. 36k tons of PPP packaging shipped into European market per year*
- *Reducing exposure risk with safe recovery of empty PPP containers*

Main Measures

- *Proper rinsing by users (incl. video guidance)*
- *Dedicated collection schemes*
- *Safe recycling / disposal*

- Industry involvement >23 European CMS schemes
- 18 national industry-run collection schemes recovered 16,300 metric tons of plastic in 2015
- 68% plastic collected was recycled into electric conduit and other safe new plastic products
- Remainder used for energy recovery

Container Management Systems

Global vision for 2020



Global Vision

“The crop protection industry is taking the lead to ensure safe and responsible management of empty, properly rinsed pesticide containers worldwide.

Through collaboration with governments and country stakeholders, our industry has a goal of recovering 50% of all crop protection containers by the year 2020 worldwide”.

Industry targets for Europe

Industry’s KPIs for Europe	From 2020
European collection rate	> 75%
% CMS coverage	100%
Ecological footprint (recycling rate)	> 75% (*)

*) 75% of plastic containers collected; i.e. 56.25% of plastic containers sent into the market

Health

Safe Use Initiative



Objective

- *To reduce the risk for operators / workers / bystanders / residents and the environment by ensuring the correct use of pesticides*

Main Measures

- *Training material;*
- *“Train the Trainers” approach;*
- *Adequate and certified PPE;*
- *Communication and awareness campaigns;*
- *Engineering;*
- *Containers management.*

Implemented in 17 countries, mainly in southern and eastern Europe (2017)



Biodiversity



INSPIA

European Index for Sustainable Productive Agriculture

- *Validating 15 Best Management Practices (BMPs) with 25 indicators;*
- *Productivity integral;*
- *PPP use compatible with biodiversity protection.*

- 57 farms;
- Atlantic, Continental & Med;
- Cereal, legume, oil seed, vegetable, citrus;
- 2nd yr data collection ongoing
- Online indexing tool www.inspia-europe.eu

Food

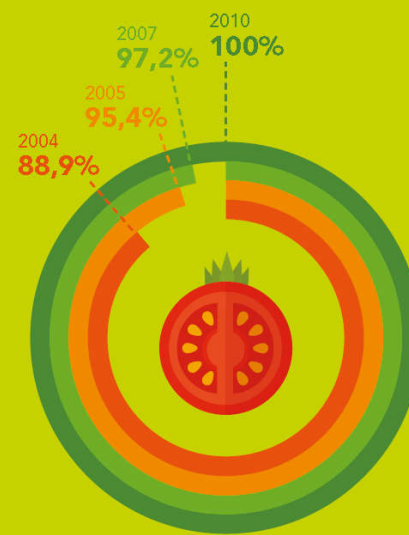


Residues Management

Preventing MRL exceedances – communicating on food safety

- *Hot-spot focus*
- *IPM training*
- *Addressing safety misconceptions*

Knowledge transfer from Almeria (ES) – which has seen considerable improvement in MRL compliance for tomato and bell pepper production – into Turkey (where similar conditions can be found)



Anti-counterfeit project

Objective

- *Prevent counterfeit & illegal PPPs which is approx. 10% of pesticides in Europe*
- *Threat to environment and health*
- *Risk of potential crop damage*

Measures

- *Awareness raising with farmers, authorities*

Roll out of 4-step practical guide

- Presented to customs and pesticide authorities in BG, GR, RO and FI

Introduce a FTIR* for 1st tier analysis at sea ports;

- Hamburg pilot (Jan-June 2016)

Operation Silver Axe

- 12 days enforcement action (Nov 2015) in 7 MS **seized 190 tons** of illegal pesticides
- 2016: Print material, national TV and radio campaigns
- All over Europe 150 tons seized

www.illegalpesticides.eu

*:Fourier Transform Infrared Spectroscopy

Industry-Trainings

Concept:

- *5 core Modules*
- *Key project topics*
- *17 languages*
- *Association modules*



- A community of >100 industry trainers.
- >90 % of Marketing and Sales trained (corporate member companies).
- A total of +/- 2,500 industry colleagues trained.

Next steps:

- Carry on with dissemination
- Move into webinars.



Water



TOPPS*

Promoting best practices and innovative solutions to protect water

- Training and demonstration events for PPP operators
- Point and drift source pollution

- BEST MANAGEMENT PRACTICES developed for >20 European countries;
- Trained >, 40k farmers + advisers
- >50% water pollution from point sources – this is avoidable with BMPs.

www.topps-life.org

www.TOPPS-drift.org

www.TOPPS-eos.org

***Train Operators to Promote best Practices & Sustainability**

Merci !



