National Action Plan on Sustainable Use of Plant Protection Products

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Legal Background for Plant Protection Policy

- Regulations on the applicator
- Regulations on the plant protection products
- Regulations on the plant protection equipment
- Regulations on the application
- Regulations on the areas where plant protection products are applied
- Inspections

Elements of Plant Protection Legislation
International Developments

- FAO - Code of Conduct on the Distribution and Use of Pesticides
- Rotterdam Convention (Prior Informed Consent, PIC)
- Stockholm Convention (Persistent Organic Pollutants, POP‘s)
- OECD - Pesticides Programme

National Action Plan

National Risk Reduction Strategy

1. Quantitative objectives, targets

2. Management Options, Measures, timetables

3. Risk Indicators, Performance Indicators

4. Stakeholder Involvement
Germany

National Action Plan on the Sustainable Use of Plant Protection Products
Germany - voluntary Agreement of Ministers of Agriculture

10. April 2008
Germany - future
Agreement Federal Government and Federal States (Länder)

based on § 4 of the future plant protection act
Current targets of the National Action Plan

- Reduction the risks associated with the application of plant protection products by 25 % until 2020

- Reduction of the application intensity of plant protection products (necessary amount)

- Reduction of domestic and imported food and feed products exceeding the existing maximal residue limits
Future targets
of the National Action Plan

- more details
- timetables
- biodiversity and water protection
- non-agricultural sectors
Indicators of the National Action Plan

- Risk Indicator “Synops” (based on OECD-Indicators, input use data)
- Use and Sales Data – Treatment Index
- Network of Reference Farms
- Monitoring Data (in particular water)
- Longterm field studies
Sold active substances in Germany (kg/ha)
Risk Indicator “Synops” in Germany

SYNOPS- Riskindex for Germany (Index 1987 = 100%)

Aquatic risk

Terrestrial risk

JKI, 2011
Network of National Reference Farms

136 Reference Farms

Arable Crops: 87
Vegetables: 17
Pome Fruit: 20
Wine: 9
Hops: 3
Network of National Reference Farms
Necessary Minimum – Treatment Index

Number of Holdings

Advice necessary?

Average Corridor (Necessary Minimum)

Advice necessary?

Treatment Index
Network of National Reference Farms

136 Reference Farms
Annual Reports
German Plant Protection Index (PIX)

- Treatment Index
  - Trends: Intensity of Plant Protection Product use
- Residues of Plant Protection Products in Food and Feed
  - Trends: Residues
  - Trends: Samples with residues higher than the MRL
- Plant Protection Risk Indicators
  - Trends: Risks
- Monitoring
  - Trends: Pollution of the environment
Stakeholder and NGO Involvement

- Forum “National Action Plan”
- Self-commitments of Associations
Reports
every three years
Thank you very much for your attention!!