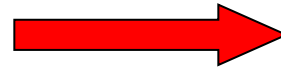




Federal Ministry  
of Food, Agriculture and  
Consumer Protection



# Indicators

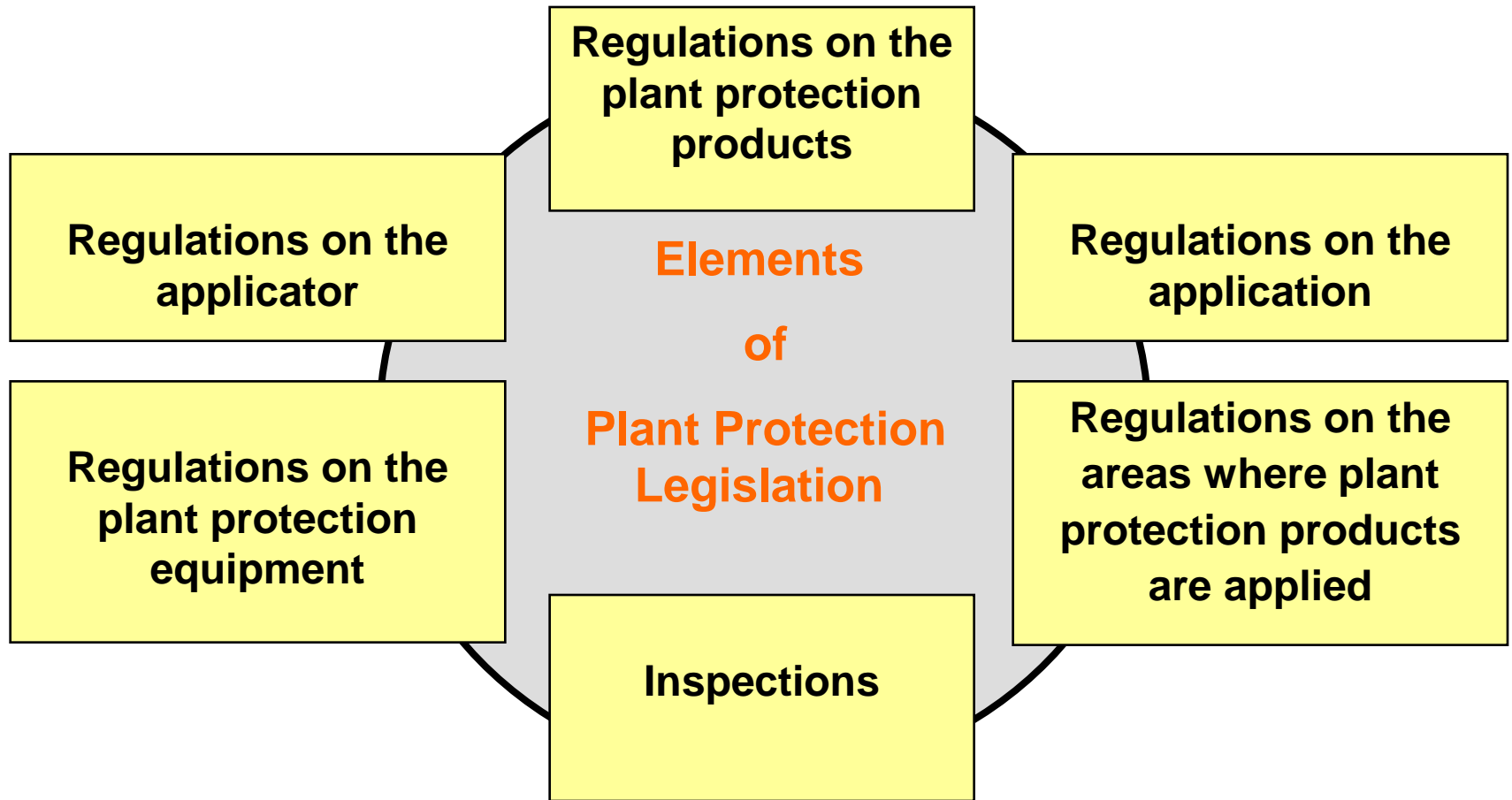
CEUREG FORUM XV.

## National Action Plan on Sustainable Use of Plant Protection Products

Dr. Wolfgang Zornbach

6 and 7 October 2011, Bratislava

# Legal Background for Plant Protection Policy



# 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
- **Directive 2009/128/EC of the European Parliament and the Council establishing a framework for Community action to achieve the sustainable use of pesticides**

# National Action Plan

## National Risk Reduction Strategy

1. Quantative 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

Federal Ministry  
of Food, Agriculture and  
Consumer Protection

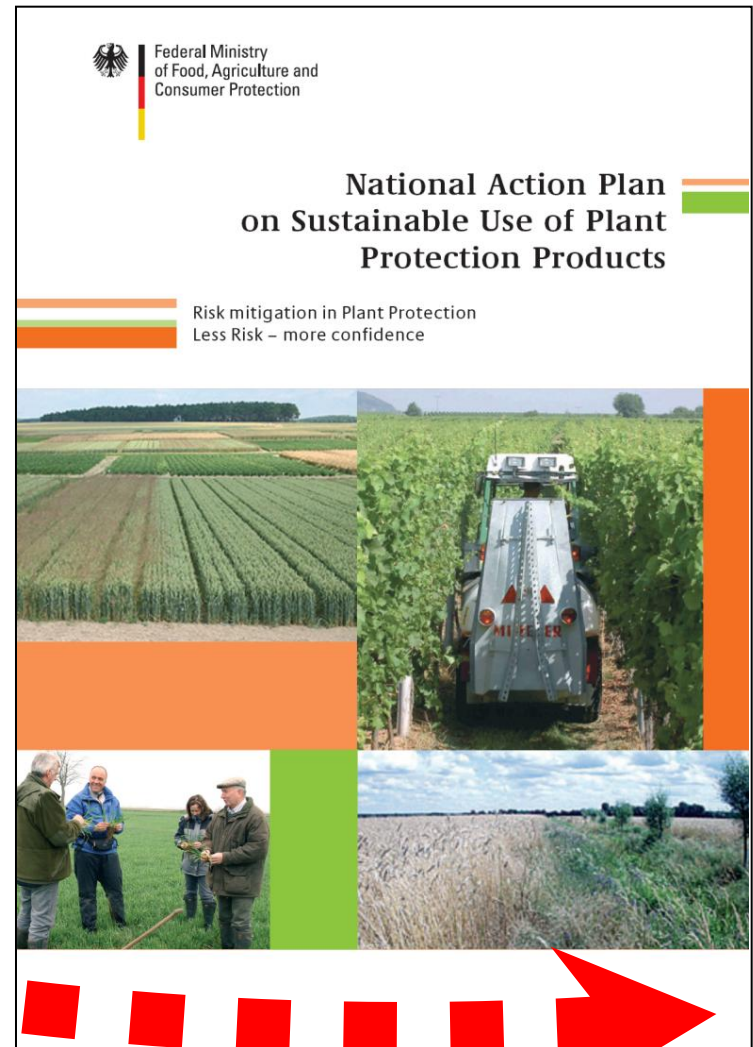
**National Action Plan  
on Sustainable Use of Plant  
Protection Products**

Risk mitigation in Plant Protection  
Less Risk – more confidence

MIFFER

# Germany - voluntary Agreement of Ministers of Agriculture

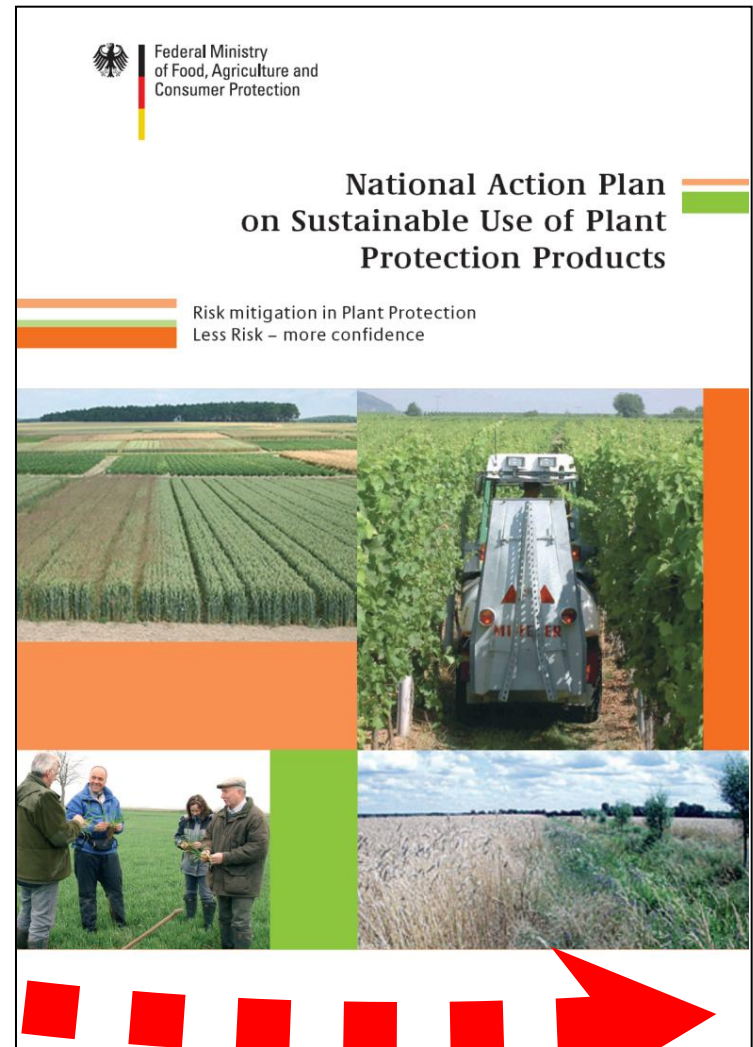
10. April 2008



# Germany - future

Agreement Federal Government  
and Federal States (Länder)

■ based on § 4 of the future  
plant protection act



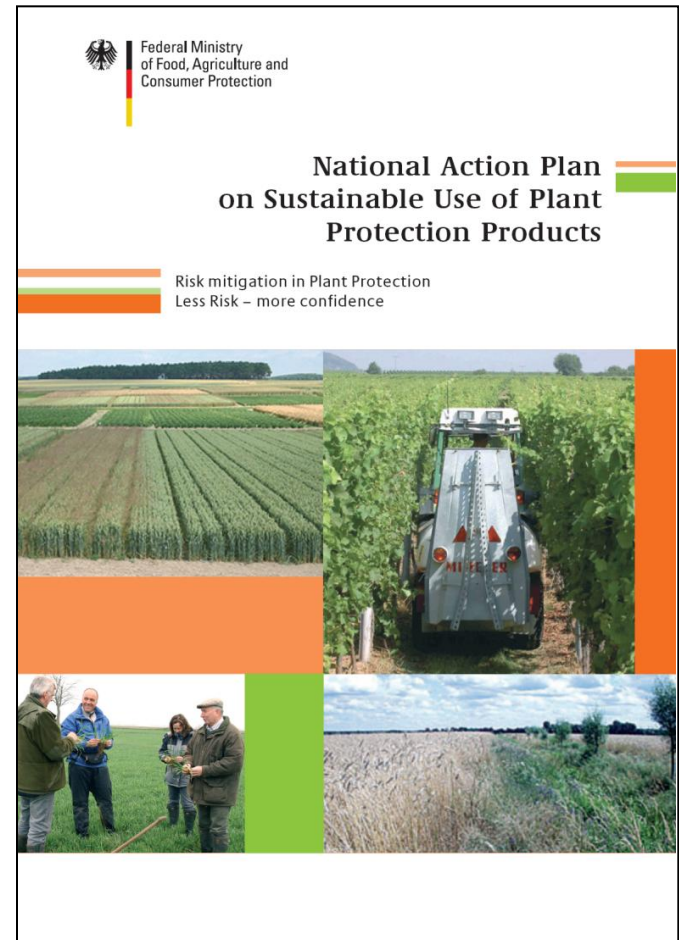
# Current targets of the National Action Plan

- 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

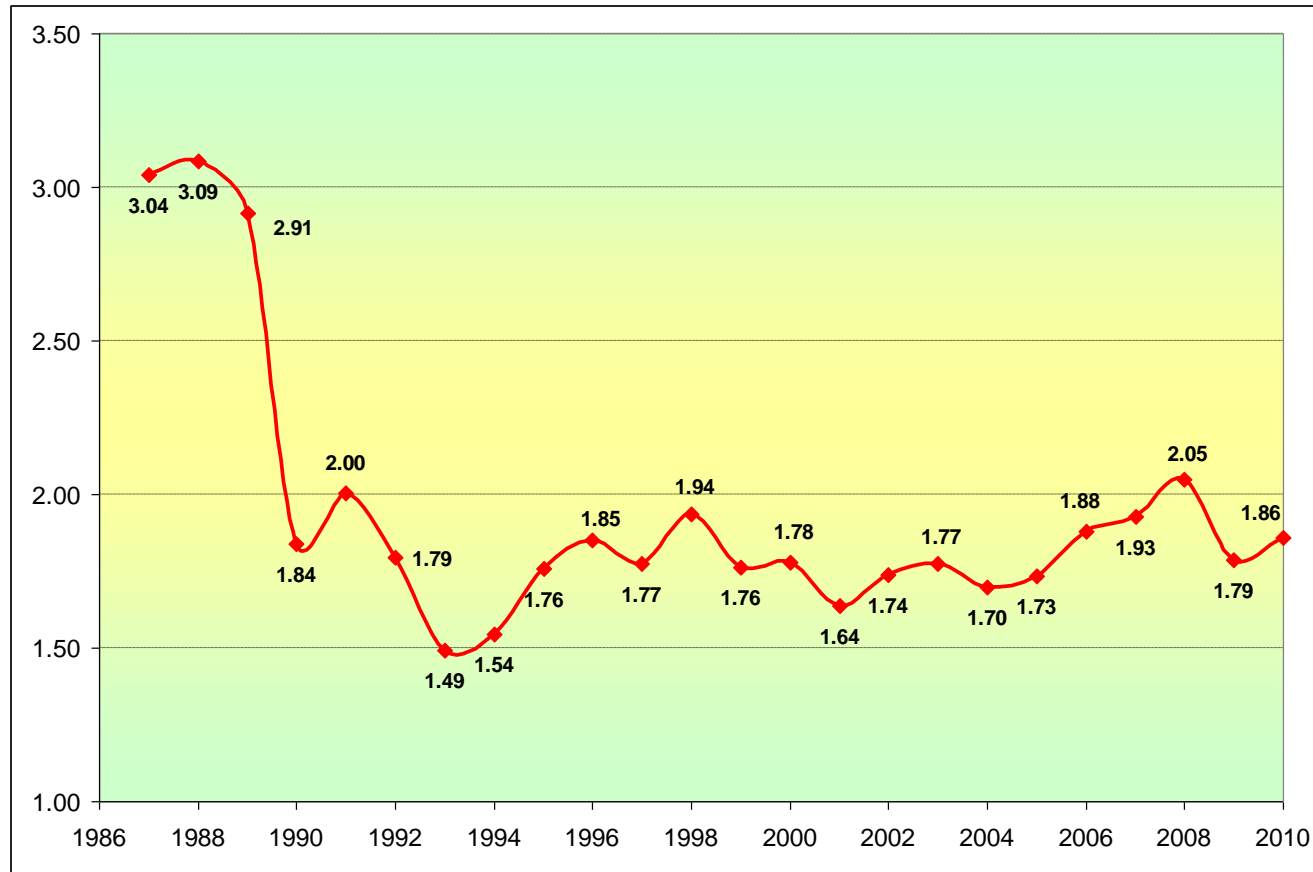
- more details
- timetables
- biodiversity and water protection
- non-agricultural sectors



# Indicators of the National Action Plan

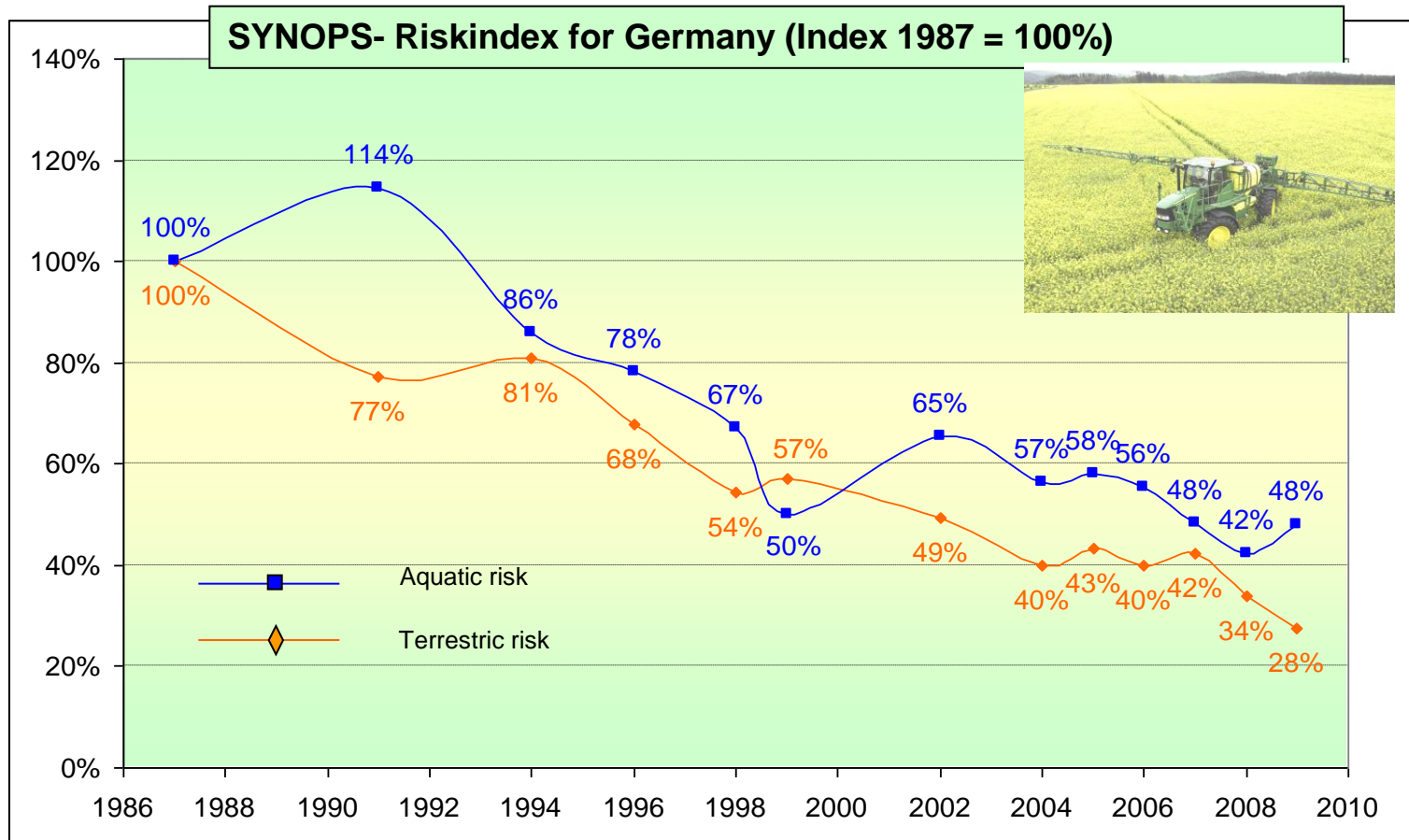
- Risk Indicator “Synops”  
(based on OECD-Indicators, input use data)
- Use and Sales Data – Treatment Index
- Network of Reference Farms
- Monitoring Data (in particular water)
- Longterm field studies

## Sold active substances in Germany (kg/ha)



JKI, 2011

# Risk Indicator “Synops” in Germany

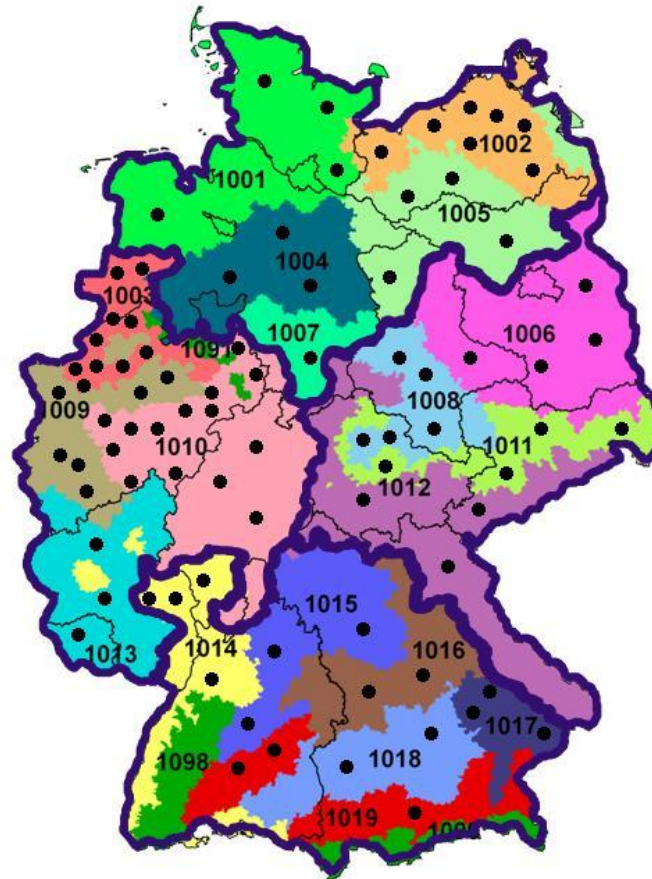


JKI, 2011

# Network of National Reference Farms

## 136 Reference Farms

Arable Crops	87
Vegetables	17
Pome Fruit	20
Wine	9
Hops	3

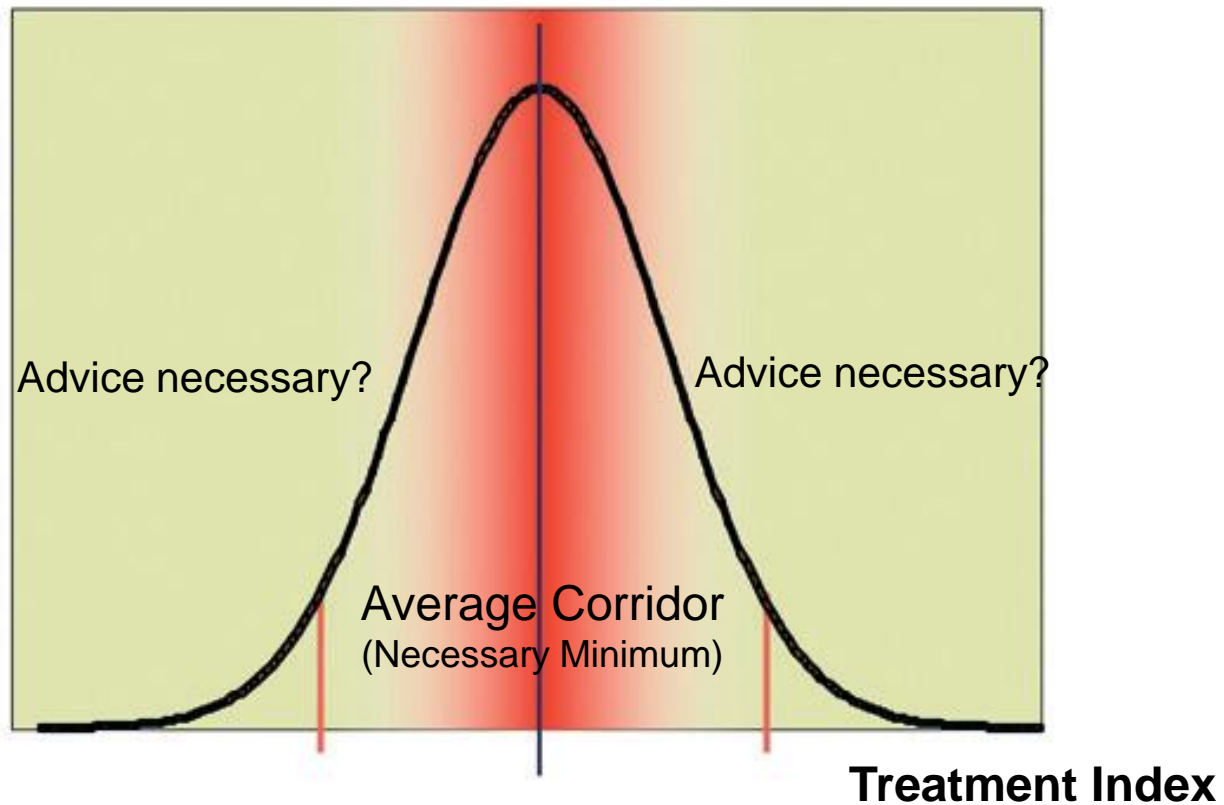


2010

# Network of National Reference Farms

## Necessary Minimum – Treatment Index

Number of Holdings



# Network of National Reference Farms

**136 Reference Farms  
Annual Reports**



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**Netz Vergleichsbetriebe Pflanzenschutz  
Jahresbericht 2009**

Network of Reference Farms for Plant Protection  
Annual Report 2009  
Analysis of Results 2007 - 2009

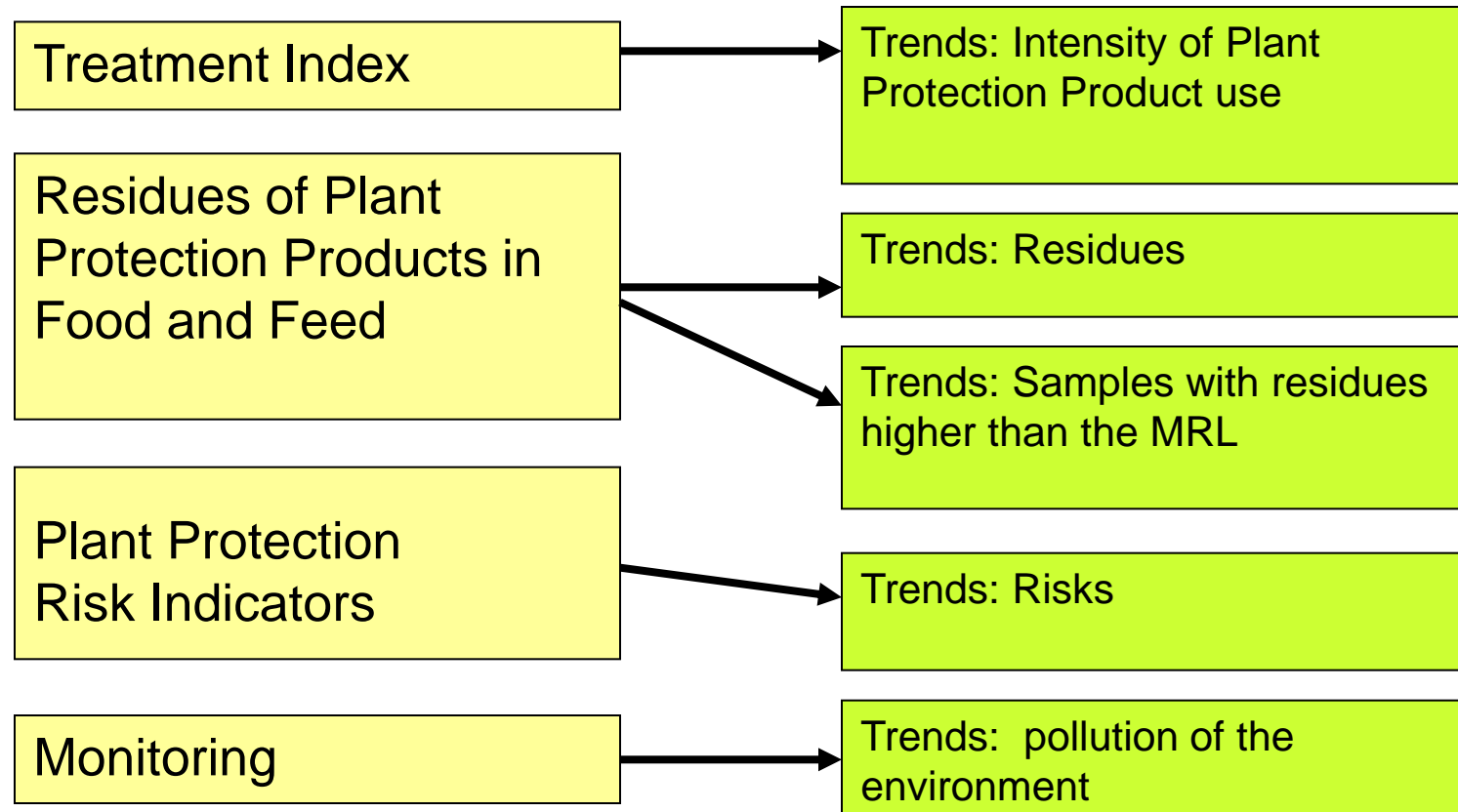
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Berichte aus dem Julius Kühn-Institut

**156**

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Bundesforschungsinstitut für Kulturpflanzen

# German Plant Protection Index (PIX)





# Stakeholder and NGO Involvement

- Forum “National Action Plan”
- Self-commitments of Associations

# Reports

every three years

Federal Ministry of Food, Agriculture and Consumer Protection

## National Action Plan on Sustainable Use of Plant Protection Products

Risk mitigation in Plant Protection  
Less Risk - more confidence



**Thank you very much  
for your attention!!**

