



Federal Ministry
of Food, Agriculture and
Consumer Protection

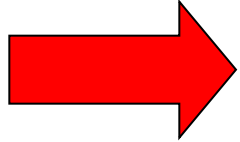
Sustainable Use of Plant Protection Products under the new Plant Protection Legislation in the European Union

Dr. Wolfgang Zornbach

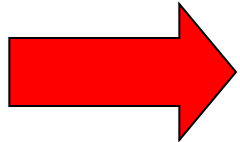
Federal Ministry of Food, Agriculture and Consumer Protection

CEUREG FORUM, 7 and 8 October 2010

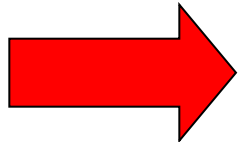
EU - Framework



**Authorisation
of Plant Protection Products**



**Sustainable Use
of Plant Protection Products**



**Requirements
for Plant Protection Equipment**

The EU Pesticide Package

- Directive 2009/128/EC of the European Parliament and the Council of 21 Oktober 2009 establishing a framework for Community action to achieve the **sustainable use of pesticides**
- Regulation (EC) No 1107/2009 of the European Parliament and the Council of 21 Oktober 2009 concerning the **placing of plant protection products on the market**
- Directive 2009/127/EC of the European Parliament and the Council of 21 Oktober 2009 amending Directive 2006/42/EG with regard to **machinery for pesticide application**
- Regulation (EC) 1185/2009 of the European Parliament and the Council of 25 November 2009 concerning **statistics on pesticides**

The Link between Authorisation and Use

Regulation – Article 55

Use of plant protection products

Plant protection products shall be used properly.

That includes

- comply with principles of good plant protection practice
- comply with the authorisation
- comply with the provisions of Directive 2009/128/EC
- comply with general principles of integrated pest management

Important Elements of the „Sustainable Use Directive (SUD)“

- Article 4/15 - National Action Plan
- Article 5/6 - Education and Training
- Article 8 - Plant Protection Equipment
- Article 9 - Aerial Spraying
- Article 11/12 - Natura 2000 and Aquatic Environment
- Article 14 - Integrated Pest Management

Sustainable Use Directive (SUD)

Article 4

National Action Plan

Sustainable Use Directive (SUD)

Article 4

Why?

- Reduce **risks** and **impacts** of pesticide use on human health and the environment
- Encourage the development and introduction of **integrated pest management** and of **alternative approaches or techniques** in order to reduce dependency on the use of pesticides

Sustainable Use Directive (SUD)

Article 4

How?

Set up

- **quantitative objectives**
- **targets**
- **measures**
- **timetables**

These targets may cover different **areas of concern**, for example worker protection, protection of the environment, residues, use of specific techniques or use in specific crops.

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



Actual Goals **of the German National Action Plan**

- **Reduction** of the risks associated with the use of plant protection products by 25 % until 2020 (environment)
- **Reduction** of the use intensity of plant protection products (necessary amount)
- **Reduction** of domestic and imported food and feed products exceeding the existing MRL's (below 1%)

Sustainable Use Directive (SUD)

Article 5/6



Education and Training

Certificate for

- **Professional Users**
- **Advisors**
- **Retailers**

**Granting
Renewal
Withdrawal**

**Annex 1
of SUD**

Proof of Specialist Qualifications

Herewith, it is confirmed that
Mr. / Ms.

.....

.....

(name of person with specialist qualifications)
born on :

.....

.....

(date of birth)

has provided proof of specialised qualifications
pursuant to Article 1 (1) / Article 3 (1)* of
the Ordinance Governing Specialist Qualifications in
Plant Protection.

.....

(place)

.....

(name of the responsible authority)

.....

(date)

.....

(signature)

.....

(stamp of the responsible authority)

Certificate

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Internet based training programme

Proof of Specialist Qualifications

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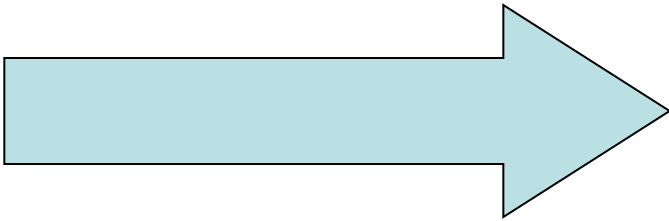
.....
(date)

.....
(signature)

.....
(stamp of the responsible authority)

Or in Future ??...

Certificate





Article 8

Plant Protection Equipment in Use

Now in Germany!

Regular checks of Plant Protection Equipment

- Field Sprayers
 - Sprayers for Orchards, Vinyards and Hops
- Every 2 years!

In Future!?

Sustainable Use Directive requires

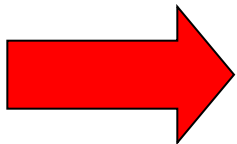
- All Types of Equipment
- Every 5 years (every 3 years from 2020 on)

New Plant Protection Equipment

EU- Machinery Directive

The manufacturer of machinery for pesticide application ... must ensure that an **assessment** is carried out of the **risks of unintended exposure of the environment** to pesticides, ...

EC declaration of conformity



CE marking



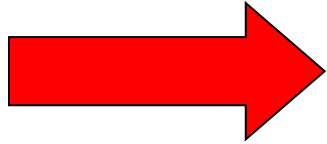
Sustainable Use Directive (SUD)

Article 9

Prohibited?

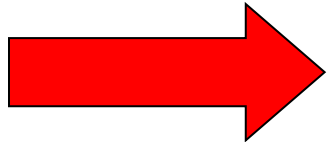
Aerial Spraying

Sustainable Use Directive (SUD)



Plant Protection Act

- **General Prohibition**
- **Responsibilities for Derogations**
 - a) **Plant Protection Products**
(List, BVL)
 - b) **Derogation (Federal Länder)**



Regulation on Aerial Spraying

- **Detailed rules**

Sustainable Use Directive (SUD)

Article 11/12



Specific Measures – Specific Areas

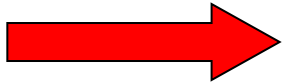
Sustainable Use Directive (SUD)



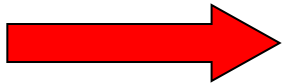
**Water Protection
(surface-, ground-, drinking-)**



Natura 2000



Non-Agricultural Areas



Reentry (authorisation)

Sustainable Use Directive (SUD)

**Water Protection
(surface-, ground-, drinking-)**

- Water Framework Directive**
- Groundwater Directive**
- Drinking Water Directive**

**National Acts and Regulations,
Authorisation of PPP's (specific Buffer Zones)
Agri-Environmental Programmes**

Sustainable Use Directive (SUD)

Natura 2000



**Regulations for protected areas
(incl. Risk Management)**

Sustainable Use Directive (SUD)

Non-Agricultural Areas



General Prohibition with Derogations, List of PPP's



Sustainable Use Directive (SUD)

Article 14

Integrated Pest Management

Sustainable Use Directive (SUD)

Promote low pesticide-input pest management

- integrated pest management
- organic farming

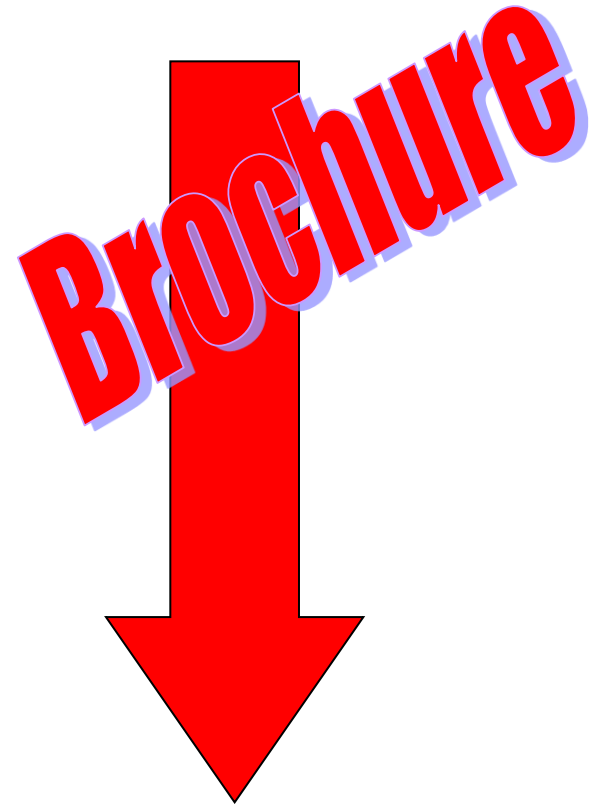


Sustainable Use Directive (SUD)

Member States shall describe in their National Action Plans how they ensure that the **general principles of integrated pest management** as set out in Annex III are implemented by all professional users by **1 January 2014**.

General principles of integrated pest management

1. Prevention
2. Monitoring
3. Decision
4. Preference for non-chemical methods
5. Application of Plant Protection Products
6. Necessary amount
7. Anti-resistance strategies
8. Check of success

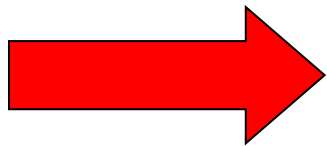


Sustainable Use Directive (SUD)

Crop or sector-specific Guidelines!



Voluntary



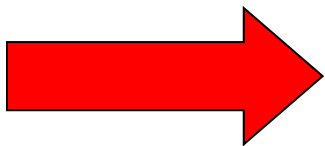
More Details

Public authorities and/or organisations representing particular professional users may draw up such guidelines.

Sustainable Use Directive (SUD)

Crop or sector-specific Guidelines!

Member States shall refer to those guidelines that they consider relevant and appropriate in their National Action Plans.



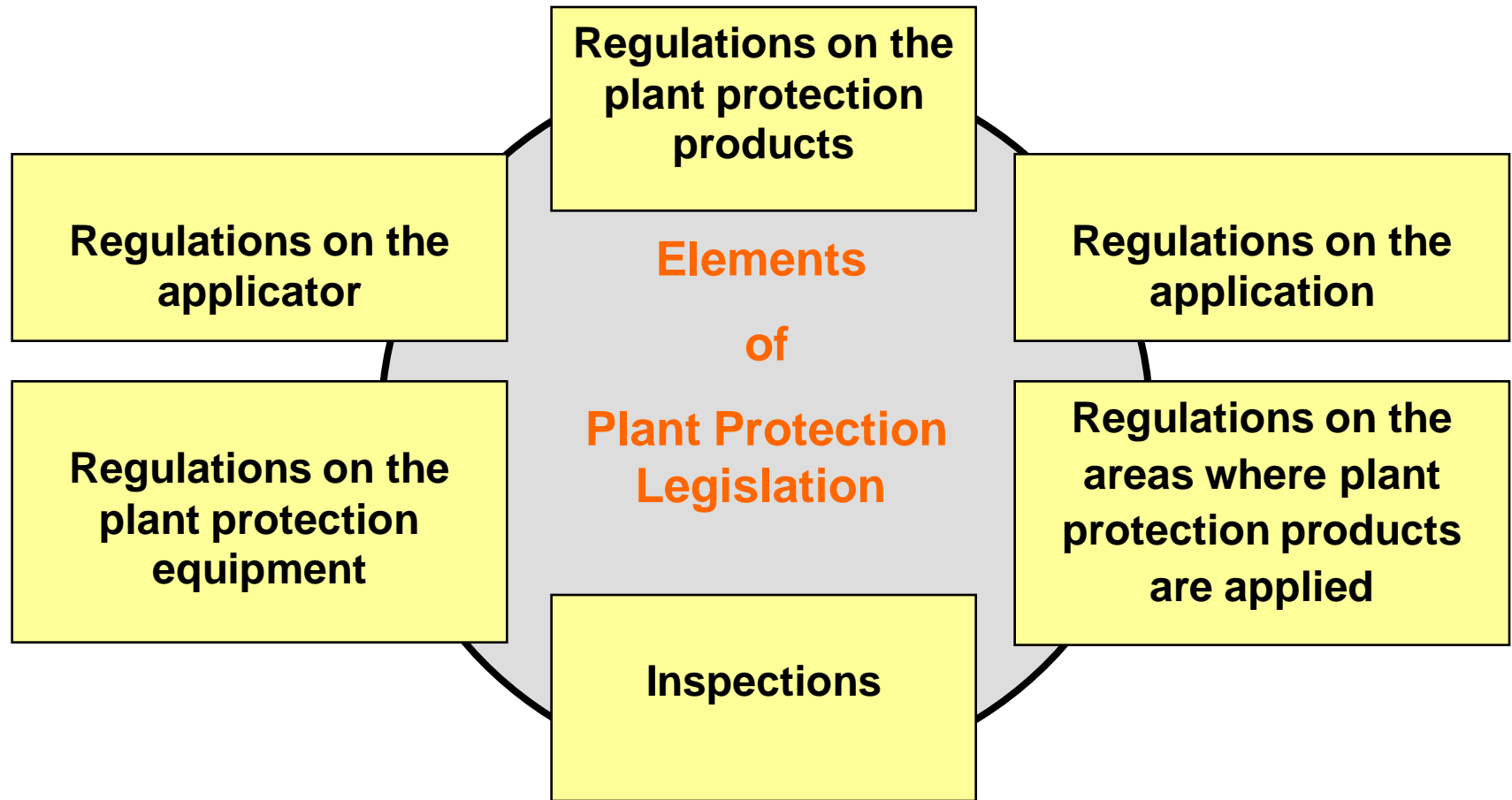
Harmonisation!!?

Sustainable Use Directive (SUD)

What does that
mean for
Germany?



Legal Background for Plant Protection Policy in Germany



Sustainable Use Directive (SUD)

New Plant
Protection Act
until summer 2011



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



Risk Reduction