

# Surface water monitoring results in the authorisation of plant protection products

Theme: Water Framework Directive

BO-06-006-005

## Problem

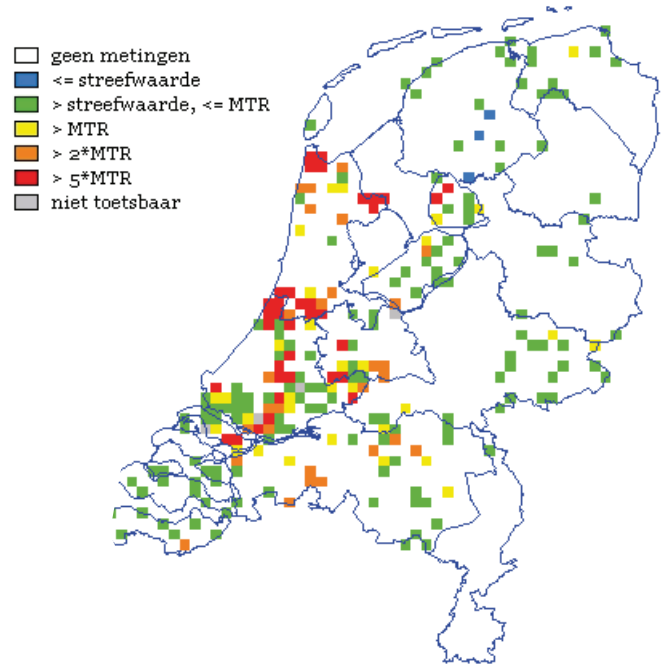
- Despite the authorisation procedure, a number of plant protection products (PPPs) cause surface water quality problems
- It is often not possible to appoint a strictly causal relation between water quality problems and specific PPPs
- Without a plausible cause, specific measures can not be identified. General measures might not help or cause unnecessary economic damage

## Approach

Development of a method to apply monitoring results in the registration procedure. There are three products:

- A procedure for identification of problematic substances
- A protocol for cause analysis of standard exceedings
- A procedure of feedback to registration holder & Ctgb

This work is part of the project 'Decision Tree Water' and carried out by the Working Group Monitoring.



Example of distribution of standard exceedances over the Netherlands.

## Results

- A first concept for the procedure for identification of problematic PPPs
- A first concept protocol for cause analysis of standard exceedances
- Running two test cases during the development

## Future use in risk assessment

- The current results are being used to discuss the use of monitoring results in registration internationally (SETAC conference 2010)
- The final procedures and protocol can be implemented by the government to improve water quality and to comply with European legislation
- The protocol for cause analysis facilitates the definition of selective emission reduction measures by registration holders, Ctgb or the government



The study site does often not clarify the origin of the found substances.

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