



# Regulation of IBCAs in The Netherlands

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**Plant Protection Service**

**Diagnostics - Entomology**

**Wageningen, The Netherlands**

**COST – Kiel, November 6-7, 2004**



# IBCA – regulation NL

## Outline

- **Legislation: international & national**
  - Flora & Fauna Act 2002
- **Regulation & Implementation**
  - Order in Council ('Algemene Maatregel van Bestuur')
  - Procedures & criteria
  - Exempted species ('vrijstellingsregeling')
  - Licensed species ('ontheffingen')
- **Future: National Authority**



# IBCA – International

## International developments

- **Rio 1992 – Biodiversity & IAS Acts (CBD)**
- **FAO 1995 – Code of Conduct**
- **EPPO 1996 – Panel ‘Safe use of biological control’**
  - 1999 First import, contained conditions (PM 6/1)
  - 2000 Import and release (PM 6/2)
  - 2002 List of agents widely used in the EPPO region (PM 6/3)
- **ERBIC 1998-2002 – EU research Project**
- **OECD 2004 – Guidance IBCAs**
- **IPPC 2004 – revision ISPM#3 – country consultation round**
- **IOBC 2004 – CHIBCA**



# IBCA – legislation NL

- **BC=Control of diseases, pests & weeds using living organisms**
- **Macro-organisms: arthropods (insects, mites), nematodes parasitoids & predators & parasites**
  - Flora & Fauna Act (environmental)
- **Micro-organisms: fungi, bacteria, viruses, etc.**
  - Pesticide Act (chemicals)



UC Statewide IPM Project  
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# IBCA – legislation NL

Netherlands: Flora & Fauna Act – April 1<sup>st</sup>, 2002

Article 14, section 1:

“It is forbidden to release animals or eggs of animals in free nature”



# IBCA – regulation - Case

- **Case : *Harmonia axyridis* (Pallas)**  
multicoloured Asian lady beetle



Adult *Harmonia axyridis*, red variety; p = plica elytrac

**Origin: East-Asia**

**Release: aphid control**

**USA: IBCA - invasive species / pest**

**Europe: release greenhouses, open field, urban sites**

**2000: Germany, 2001: Belgium**

**2002: Netherlands**

**2004: N-France, UK, Luxemburg**

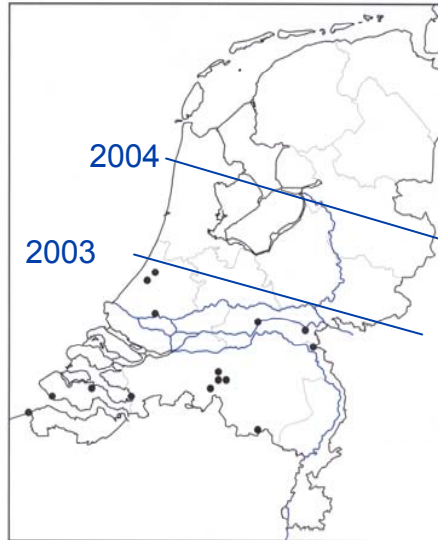


# IBCA – regulation - Case

- ..... since 2002 recorded in the Netherlands



Adult *Harmonia axyridis*, red variety; p = plica elytrac



Records *Harmonia axyridis* (Pallas)



Aggregate on birch/Birke, feb. 2004 R'dam



# IBCA – regulation NL

## FF- Act:

**April 1<sup>st</sup>, 2002: biological control formally forbidden  
BUT biological control practice tolerated  
[1 exception: *Hippodamia convergens*]**

**Jan. 1<sup>st</sup>, 2005    Legalisation by OiC (AMvB):**

- exemption assigned ‘old’ IBCAs (quick scan)**
- licensing ‘new’ IBCAs (advanced scan)**



# IBCA – regulation NL - actions

## 2002-2004:

- Meetings Ministry ANF, Artemis & PPS
- May 1st, 2004: deadline for applications species a.i.u
- Application list of species (names only, native + non-native)
- Quick Scan of IBCAs a.i.u. & prey species (support)
- July / August 2004: meeting individual stakeholders
  - QS results & procedures
- Order in Council (AMvB)
  - (Preliminary) list of exempted species

# IBCA – regulation NL – criteria

- **OECD guidelines**

- **Information Requirement Categories**

- **Characterisation - Identification**
    - **Human & Animal Health**
    - **Efficiency**
    - **Environmental risks:**
      - **Specificity (prey-, host range)**
      - **Establishment (survival, reproduction, overwintering)**
      - **Direct & Indirect effects**
      - **Dispersal**



# IBCA – regulation NL – ERAs

## Environmental Risk-Assessment

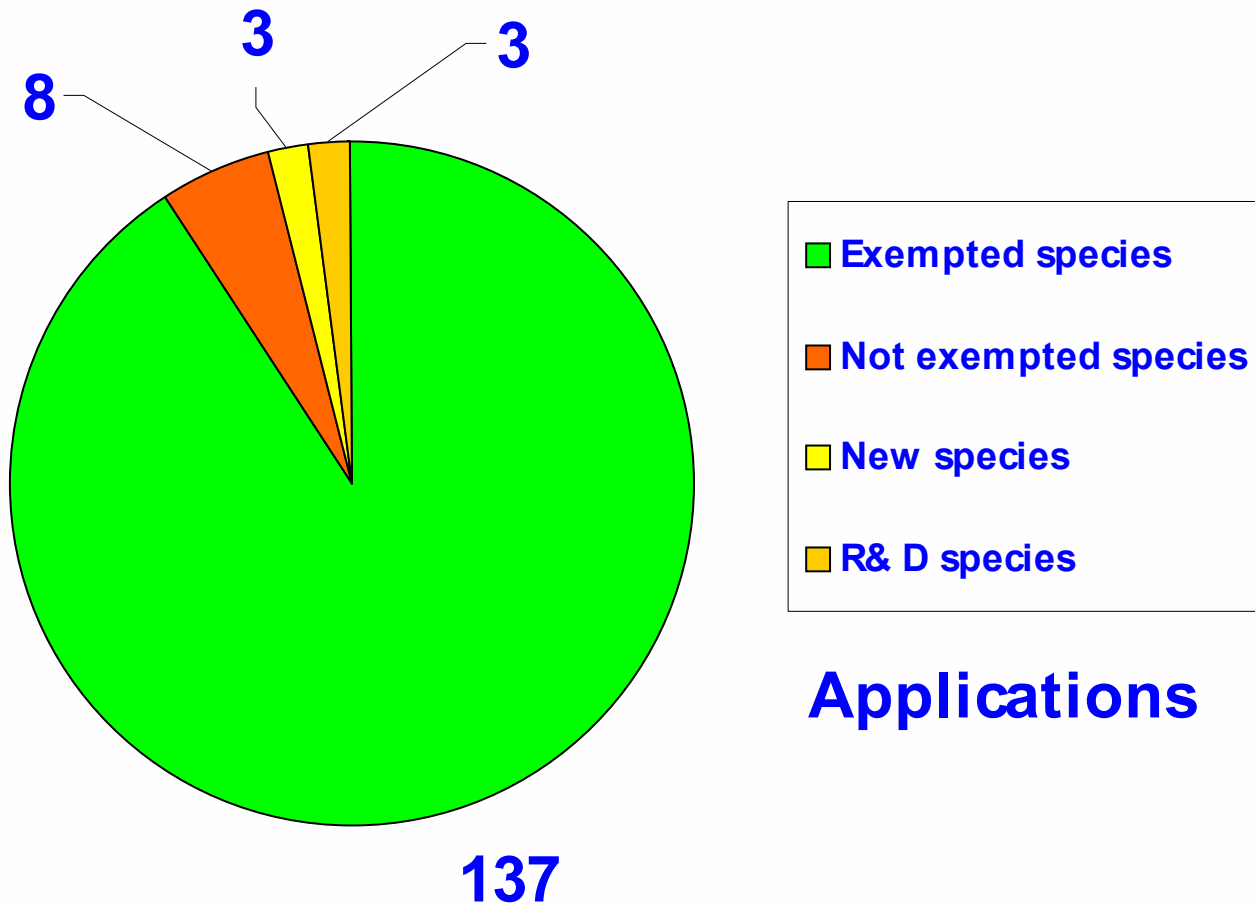
### Release of “old” (a.i.u.) species:

- **quick scan**
  - available information
  - government proofs & pays

### Release of “new” (n.i.u.) species:

- **advanced scan**
  - available / generated information
  - applicant proofs & (p)pays

# IBCA – regulation NL – quick scan



## Applications

# IBCA – regulation NL – ERAs

## Environmental Risk-Assessment

- **Species exempted from being licensed ('vrijstellingenlijst')**

[http://www9.minInv.nl/servlet/page?\\_pageid=112&\\_dad=portal30&\\_schema=PORTAL30&p\\_item\\_id=93974](http://www9.minInv.nl/servlet/page?_pageid=112&_dad=portal30&_schema=PORTAL30&p_item_id=93974)

### quick scan

#### VRIJSTELLINGENLIJST BIOLOGISCHE BESTRIJDERS EN BESTUIVERS FLORA EN FAUNAWET

Lijst van soorten biologische bestrijders en bestuivers vrijgesteld van aanvraag tot ontheffing conform artikel 75 van de Flora en Faunawet, d.d. 29 oktober 2004.

#### I. BIOLOGISCHE BESTRIJDERS 1. INSECTEN

##### Coleoptera (kevers)

*Adalia bipunctata*  
*Aleochara bilineata*  
*Atheta coriana*  
*Chilocorus balkeji*  
*Chilocorus bipustulatus*  
*Chilocorus circumlatus*  
*Chilocorus nigritus*

- **Species not exempted [old & new] : licence ('ontheffing')**

### advanced scan

# IBCA – regulation NL – ERAs

## Environmental Risk-Assessment

- Species exempted from being licensed ('vrijstellingenlijst')
  - IBCAs: biocontrol agents & supporting organisms
  - only species considered, not biotypes / strains
  - correct identity purity cultures / releases important
  - no limit in time ()

# IBCA – regulation NL – ERAs

## Environmental Risk-Assessment

- Species exempted from being licensed ('vrijstellingenlijst')
  - IBCAs: biocontrol agents & supporting organisms
  - only species considered, not biotypes / strains
  - correct identity purity cultures / releases important
  - no limit in time ()
- Species not exempted [old & new]: licence ('ontheffing')
  - IBCAs: biocontrol agents & supporting organisms
  - species & biotypes (where appropriate), native + exotic
  - identity, purity
  - maximum period 5 years
  - mandate licence



# IBCA – regulation NL – future

## 2005 :Project ‘National Authority’

- **Competence**
- **Stakeholders & their interest**
- **Development / implementation**
  - risk – assessment procedure new IBCAs
  - methodologies
- **Surveys IBCAs (occurrence, spread)**
- **Export certificates**
- **Quality (identity, purity)**
- **In line with international standards**