



## The Netherlands

- LPAI Deurne 2010



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- 14 May 2010      Report AHS positive AI Monitoring (Elisa)  
Farm with Free range Laying Hens.  
Samples: Trachea and Cloaca Swabs, serum for Elisa.  
First results: PCR positive for AI virus.
- 16 May 2010      CVI (Lelystad) reports LPAI **H7** positive PCR test.  
3 km Protection zone. (Poultry dense populated)  
Culling of the laying hens on infected farm.
- 17 May 2010      Visit contact farms. (3)(sampling)  
Cleaning and Disinfection.
- 18 May 2010      Start screening 3km. Protection zone.



## LPAI Deurne

Holding:

28.000 Free range Laying hens.

General conclusion of inspecting Team :  
Many health problems during whole period.  
Production not as expected.



## LPAI Deurne

### Results of Samples holding

Trachea swabs : **30/40** \* +H7

Cloaca swabs : **21/40** \* +H7

Serologie HAR : **25/30** \* +H7

+H7 = Serotype H7 found, Investigation for pathogenity and serotype

Result 17 May 2010 : Serotype: LPAI H7N4



## LPAI Deurne

3 contact holdings.

1 empty. (owned by owner indexfarm)

Sampling: 20 cloaca, 20 tracheaswabs, 20 serum per epidemiological unity.

All trachea and cloaca swabs PCR negative.

All serum samples negative HAR H5 H7.



## LPAI Deurne

Protectionzone Deurne.(3km)

### **35 Holdings.**

13 holdings empty.

1 Holding culled.

1 contact holding.(same owner)

→20 holdings to be screened.

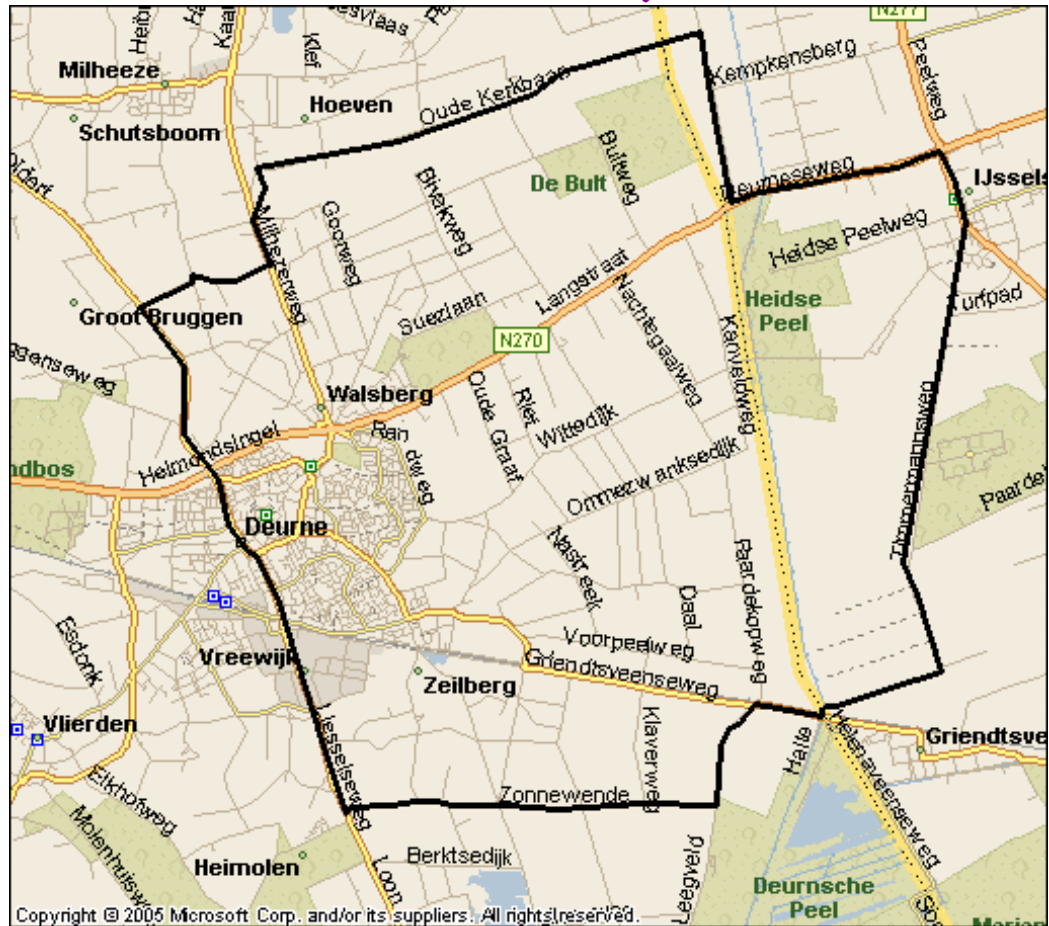
Screening 18 & 19 mei 2010.

2374 cloaca and tracheaswabs for PCR.

1058 serum samples for Elisa.



# LPAI Deurne (Protection zone 3 km)





## LPAI Deurne

### Results screening:

2374 swabs negative in PCR test. (negative H7 and H5)

958 serum samples negative Elisa.

100 serum samples negative HAR. (positive Elisa, but negative H7 and H5)



## LPAI Deurne 2010: Measures:

16 May 2010:

### **Restrictions in 3 KM protection zone**

- No transport of poultry/captive birds, eggs, used litter, manure.
- No movement of persons, mammals of domestic species, vehicles or equipment to or from the holdings.
- No markets and exhibitions of Poultry/captive birds.
- Poultry/birds to be kept inside.
- Poultry for restocking of game are not released.
- No visitors allowed.



## LPAI Deurne 2010: Measures

### **21 May: All samples of screening negative**

- Protection zone now 1 km.
- Transportban for mammals, used litter lifted.
- Visitors allowed on farms.
- Transit in 1 km Protection zone allowed.
- Direct transport from holdings to slaughterhouse allowed.



## LPAI Deurne 2010: Measures

- Transport of hatching- and consumption eggs and one day chickens allowed.
- Transport of manure allowed with derogation.
- Lifting of all measures to be expected 21 days after first Cleaning & Disinfection of the culled flock