



**Ministry of Economic Affairs,
Agriculture and Innovation**

Food and Consumer Products Safety Authority

Low path Avian Influenza H7N7

Kootwijkerbroek, Gelderland,
The Netherlands

May 12th, 2011

Wim de Leeuw





Early warning

Organic free range laying hens farm Kootwijkerbroek

April 12,

first population, ca. 9,000 hens

May 11,

- report National Reference lab CVI based on early warning symptoms: slightly increased mortality and decreased feed intake
- visit expert team (official vet, poultry specialist, practitioner)
general impression : healthy population
sampling: cloacal en tracheal swabs, serum



Detection

May 12,

- 16:00 CVI confirms H7 positive in PCR

Tracheal swabs:	20	H7 positive
	0	not demonstrated
Cloacal swabs :	10	H7 positive
	10	not demonstrated
Serum samples:	12	positive H7
	8	negative
- 17:30 transport ban, start culling infected farm
- 22:45 gassing finalized

May 13,

- 01:15 finish removal cadavers and eggs
- 12:00 finish cleaning and disinfection first round
- 12:00 CVI confirms H7N7, low pathogenic



3 km area Kootwijkerbroek

73 farms:

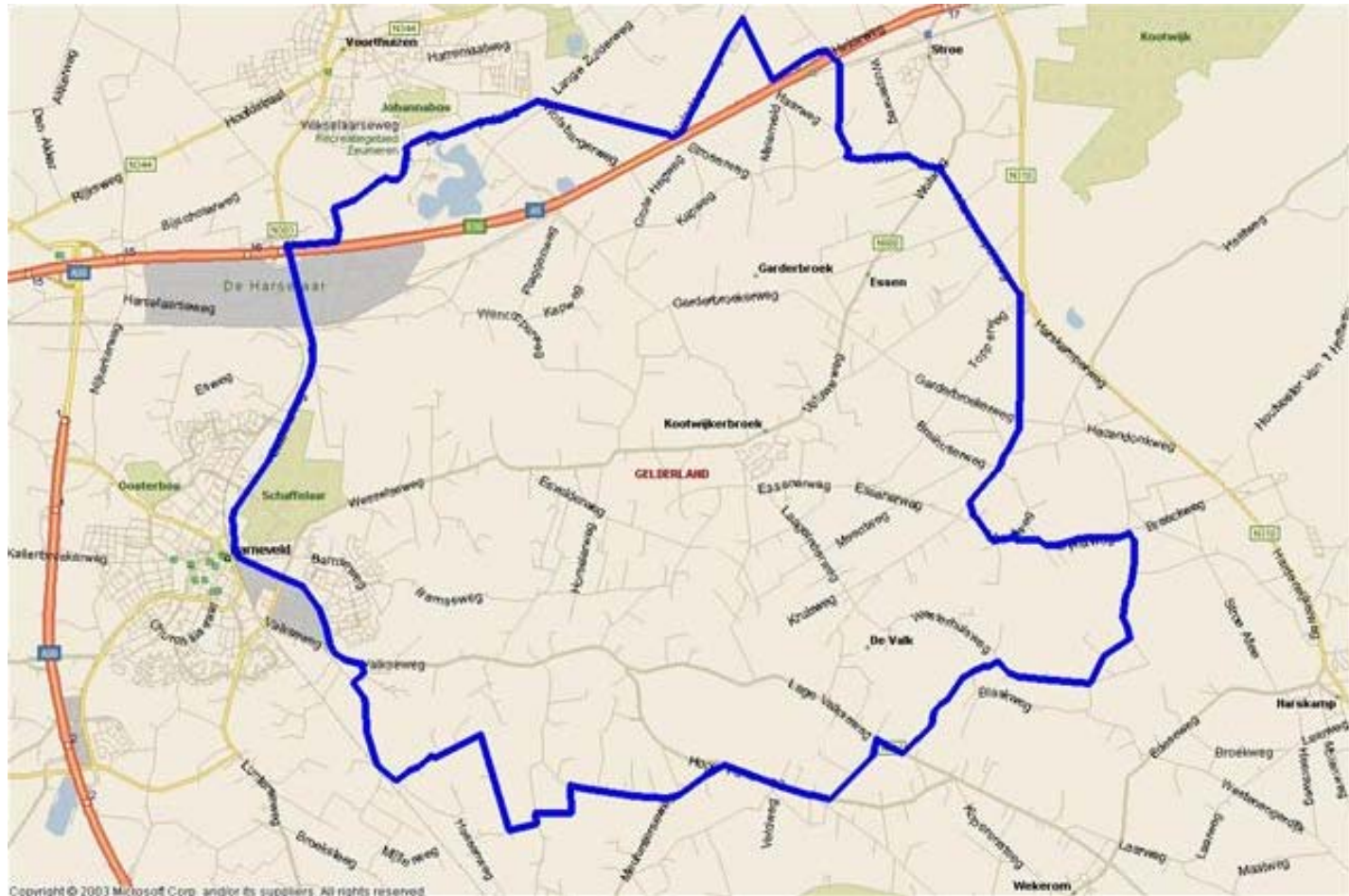
- 17 farms no poultry
- 56 farms with poultry

Restrictions:

- Transport ban poultry/birds, eggs, bedding, manure
- Transport ban mammals to and from commercial poultry farms
- Ban on movement of risky vehicles
- Ban on markets and exhibitions for birds / poultry
- Biosecurity measures



3 km area Kootwijkerbroek





3 km area Kootwijkerbroek - screening

May 13, 14 & 16,

- screening of 104 sheds holding commercial poultry
- 6120 samples, of which 1960 serum samples
 - 4160 swabs negative in PCR
 - 1960 serum samples negative



Tracing

Farm of origin:

- Animals transported to 5 other laying hen holdings
- Screening shortly before transport to laying hen holdings
- Result: negative

- Visited on May 14
- 2 week old chicks

5 laying hen holdings:

- Visited on May 17 & 18
- No clinical signs
- Samples (swabs and serum) negative



1 km area Kootwijkerbroek as of May 19, 13:00

20 farms:

1 farm infected

5 farms no poultry

14 farms with poultry

