



Ministry of Environment
and Food of Denmark
Danish Veterinary and
Food Administration

LPAI outbreaks in mallards for restocking Denmark – July 2016

SCOPAFF
18-08-2016
Stig Møllgaard

LP AI H7N7 in mallard ducklings – Farm data (IP 1)

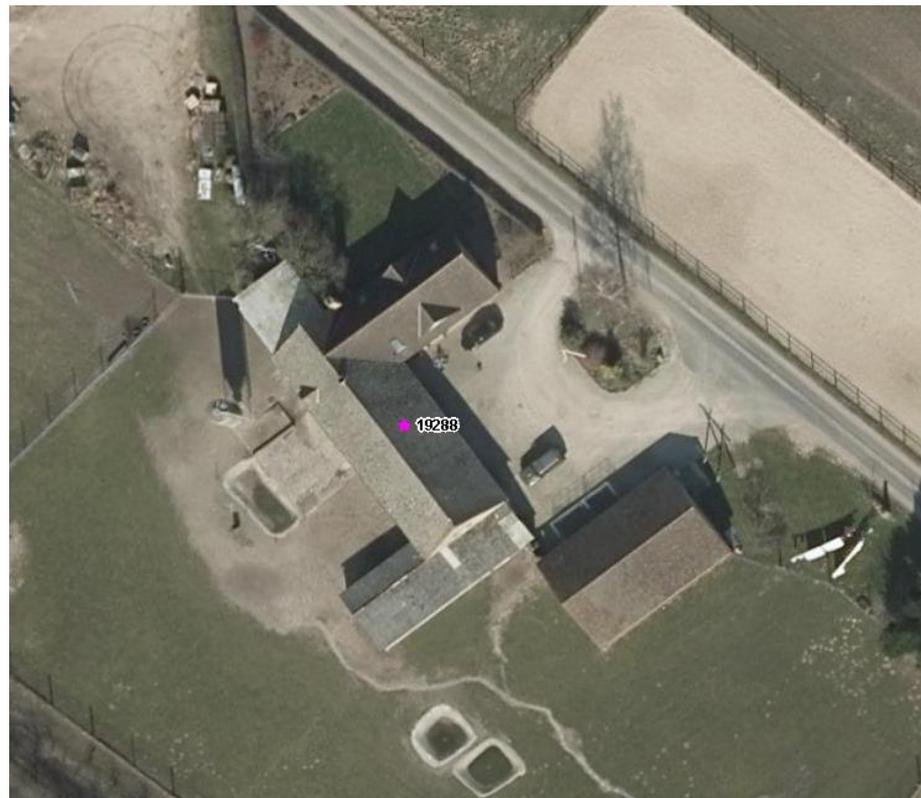
Game bird production:

**2800 mallard ducklings –
3 weeks old**

97 adult mallards

15 hens

56 geese

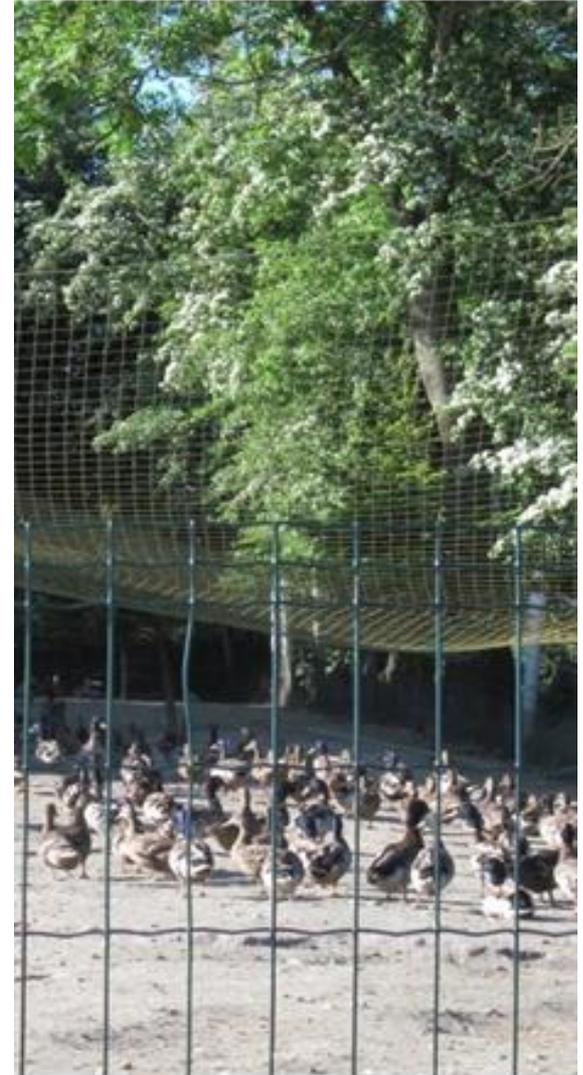


Game bird surveillance

Surveillance samples mallard production:

Breeders before laying: 20 blood samples - serology

Ducklings: three times during production season - 10 freshly killed at least 2 weeks old (PCR-test)



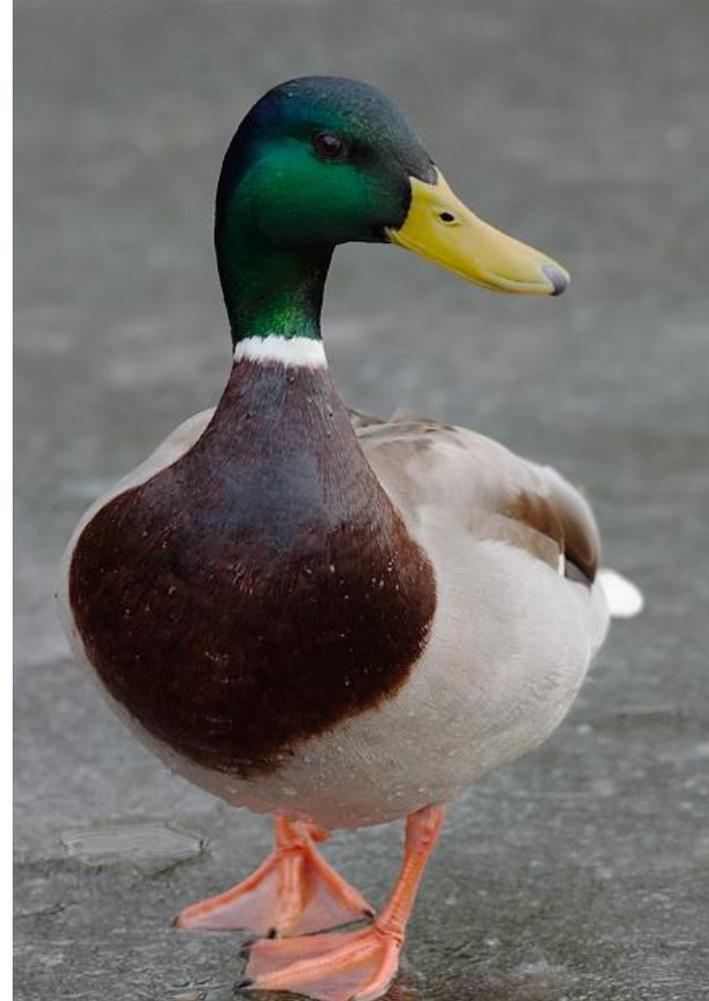
Time-line

**Laboratory results:
27 July 2016: LPAI H7**

**Culling of animals:
28 July 2016**

**Approval of preliminary cleaning
and disinfection:
29 July 2016**

**Lifting of restriction zone:
19 August 2016**



LPAL type

H7N7

**97 % identity with H7 found in
mallard in The Netherlands in 2013**

**Also some similarities with H7
isolates from Italy and UK in
turkey and chickens**

Different N-type



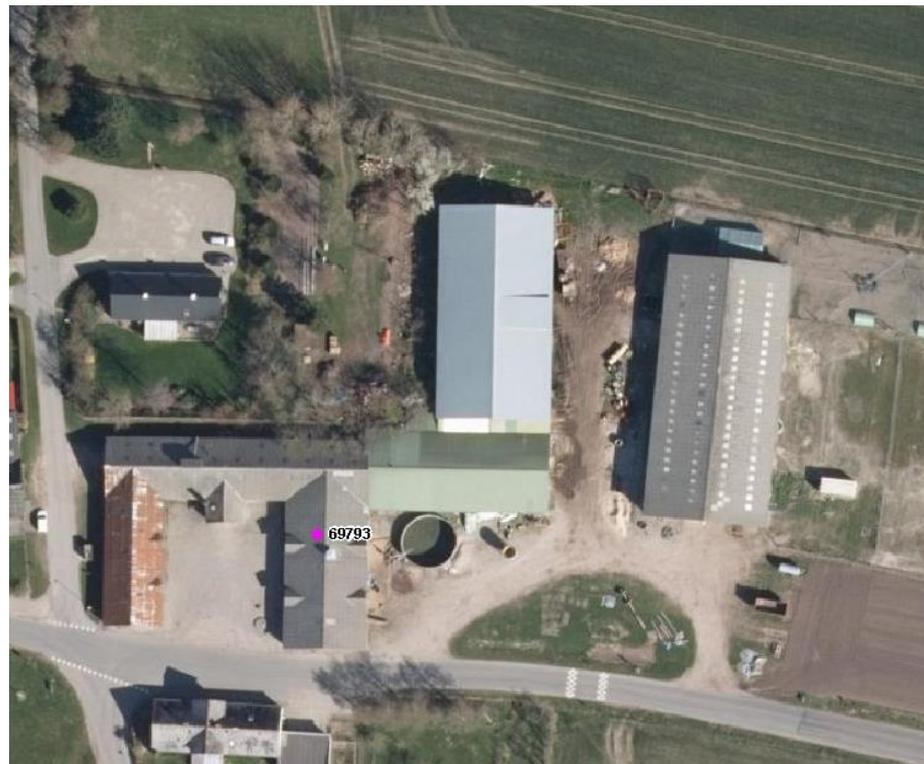
LP AI H5N2 in mallard ducklings – Farm data (IP2)

Game bird production:

1448 mallard ducklings –
5-7 weeks old

Detected in connection
with general surveillance
of mallard ducklings

*Breeders tested before
laying in February were
seropositive for AI H5 but
negative in PCR*



Time-line

Laboratory results:

6 August 2016: LPAI H5

Culling of animals:

8 August 2016

**Approval of preliminary cleaning
and disinfection:**

10 August 2016

Lifting of restriction zone:

31 August 2016



Restriction zone



No commercial poultry holdings within 1 km zone

Two hobby flocks

One contact (five ducklings - tested PCR-negative)



Suspected source of infection

Wild birds

Both outbreak farms situated approximately 1 km from the sea and the last one 1 km from a lake



Thanks for your attention

