

Newcastle Disease Sweden



Swedish Board of Agriculture 20161128

Background



- Sweden has for many years applied a strict non-vaccination policy as regards ND; Sweden also has the status as a non-vaccinating country as regards ND according to EU legislation
- Only single outbreaks; about every second year
- Previous outbreaks July 2014; 3 premises and 2011; 2 premises.

Summary of outbreak

10/11 suspicion, sampling

11/11 confirmation of ND, restriction zones and all restrictions and necessary measures according to Directive 92/66/EEC

12/11 reporting ADNS and WAHIS (OIE)

14/11 killing of all birds.

Preliminary cleaning and disinfection

6/12 plan lifting of protection zon

15/12 plan lifting all restrictions

Avian paramyxovirus type 1 (APMV-1)



ND outbreak SE



Outbreak in one herd



- The herd:
An organic farm, 18,000 free range laying hens,
1 dovecote with 80 doves,
- Symptoms: eggdrop and shell-less eggs. No increased mortality.
- Killing by gas in the shed
- Analysis: Organ samples from two dead hens were analyzed by PCR for paramyxovirus overnight. The cleavage site was sequenced for pathogenicity and the virus was concluded to be virulent, thus ND. The virus belongs to APMV-1 Class II, genotyp XIIIa (previously genotyp VIIb) and lineage 5b, same genotype as in previous outbreaks in SE)

Measures and Information

- Protection zone (3 km) and surveillance zone (10 km)
Stamping out, disposal of dead animals and products,
cleaning and disinfection
tracing and recalling of products
- No movement of live poultry, hatching eggs and not-heated poultry products from restriction area
- No export of live poultry, hatching eggs and non-heated poultry products from 2 municipalities (Vellinge and Trelleborg)
- All contacts investigated and negative
- All hobby herds in restriction area are contacted
- Written information to:
 - European Commission
 - CVO in the Nordic countries
 - Third countries



Thank you for attention!

cvo@jordbruksverket.se