

Newcastle Disease Sweden



Swedish Board of Agriculture 20181123

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; every year
- Previous outbreaks August, October and November 2017, October 2016, July 2014;

Summary of outbreak

17/10 suspicion, sampling

23/10 confirmation of ND, restriction zones and all restrictions and necessary measures according to Directive 92/66/EEC

24/10 reporting ADNS and WAHIS (OIE)

26/10 killing of all birds.

27/10 Preliminary cleaning and disinfection

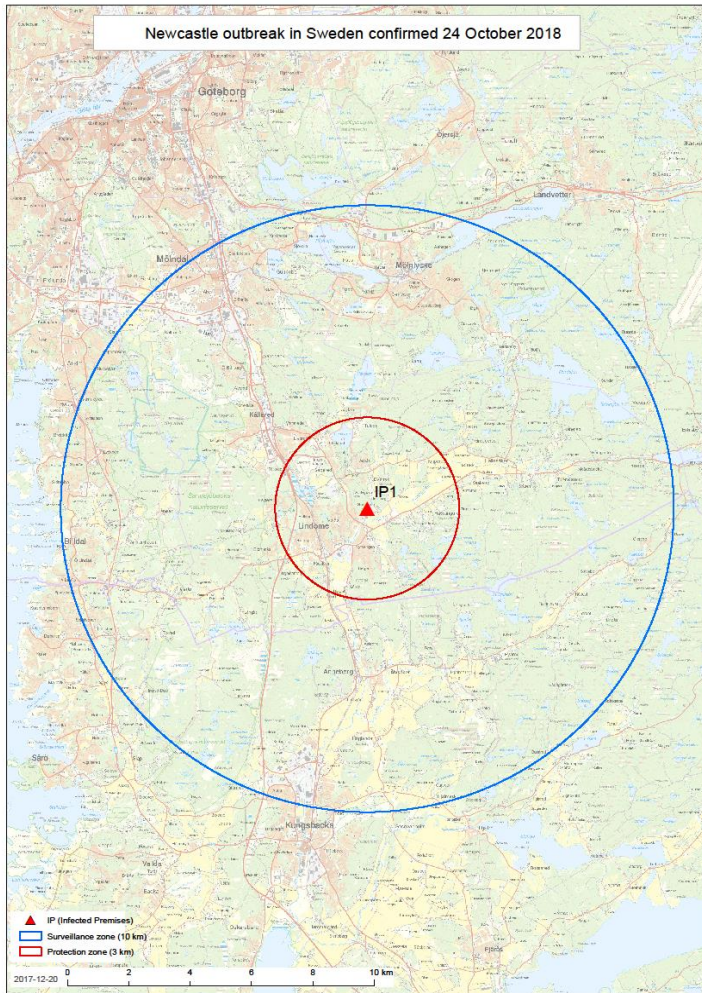
16/11 protection zone is lifted

25/11 plan lifting all restrictions

Avian Avulavirus type 1 (AAvV-1)



ND outbreak SE



Outbreak in one herd



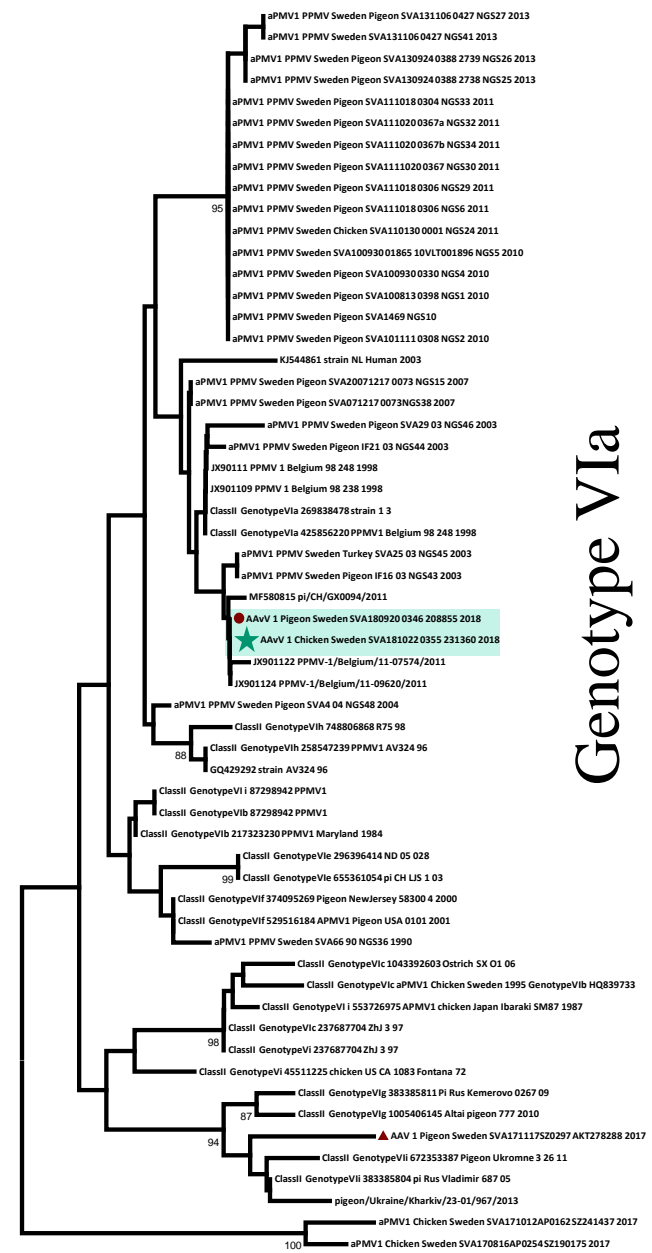
- *The herd:*
A farm with 5000 free range laying hens,
cattle for meat production
- *Symptoms:* eggdrop and shell-less eggs. No increased
mortality.
- Killing by gas in the shed



Analysis: 57 cloacal and tracheal swabs were sent to SVA for analysis. The samples were positive (51 out of 57) in real-time PCR (L gene MGB 2). Based on the phylogenetic analysis the virus belongs to the genotype VIa.



GG112-RRQKR-117FIGA



Genotype VIa

● Feral Pigeon ★ laying hens

Analysis: Organ samples from 10 birds euthanized at the farm (26/10) were used for virus isolation attempt. The virus isolation attempt is currently ongoing (passage two of three)



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 4 municipalities (Mölndal, Kungsbacka, Göteborg and Härryda)
- All hobby herds in restriction area are contacted
- Written information to:
 - European Commission
 - CVO in the Nordic countries
 - Third countries



Thank you for attention!

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