



Landbrug & Fødevarer

Axelborg, Axeltorv 3
DK 1609 København V

T +45 3339 4000
F +45 3339 4141
E info@lf.dk
W www.lf.dk

CVR DK 25 52 95 29

Abstract:

The Danish SPF System for pigs – The best strategy for protecting farms from infections? Experiences and challenges for the future

The Danish SPF (Specific Pathogen Free) System for pigs was established in 1971 in order to promote the production of healthy pigs. The SPF concept combines documented high biosecurity on herd level, regularly disease testing, publishing of disease status and subsequent trade and transport of pigs in special built SPF trucks according to the certified disease status of the herds. Today the Danish SPF system involves the pig disease agents *Actinobacillus Pleuropneumonia* (APP), *Mycoplasma hyopneumonia* (Myc), PRRS, *Brachyspira hyodysenteria* (Swine dysentery), *Toxigenic Pasteurella Multocida* (Atrophic Rhinitis), *Haematopinus suis* (lice) and *Sarcoptes scabie* (mange). The SPF system is divided into two levels, Red and Blue herds. Red herds are all breeding and multiplier herds (270 herds). These herds are visited on monthly basis by a certified swine veterinarian from the Pig Research Center. During the visit the veterinarian will clinically examine a representative number of pigs and take blood and nose samples for the relevant SPF diseases. Based on the results the herd is assigned to a given SPF status declaring disease freedom or infection status. Blue SPF herds are commercial sow and finisher herds (2850 herds) , which are clinically examined one a month by the local veterinarian and blood and nose sampled for the SPF diseases once a year. In total 75 % of the Danish pigs are produced within the SPF system. Among the Red herds, 100% are free of lice, mange, swine dysentery and atrophic rhinitis, 93% are free of APP, 87% free of PRRS and 63% free of Myc. Denmark export 10 mil of the annually 30 mil produced pigs. Biosecurity in the pig trucks, washing and disinfection stations at the borders are key focus areas for the pig industry as the trucks drives to many countries in Europe, including areas with ASF, CSF and Aujeszky disease.

Med venlig hilsen

Bent Nielsen
Afdelingschef

SPF Sundhed og Diagnostik

D +4533394340
M +4530178897
E ben@lf.dk

Landbrug & Fødevarer er erhvervsorganisation for landbruget, fødevarer- og agroindustrien. Med en eksport på over 148 milliarder kroner årligt og med 183.000 beskæftigede repræsenterer vi et af Danmarks vigtigste eksporterhverv.

Ved at nytænke og synliggøre erhvervets bidrag til samfundet sikrer vi vores medlemmer en stærk placering i Danmark og globalt.