

African Swine Fever



OmnicideTM
For Complete Biosecurity

PREVENTION AND CONTROL

African Swine Fever (ASF) is considered one of the most feared diseases facing pig producers around the world today. It can have a devastating impact on productivity and the ability to sell pork.

ASF is extremely contagious as it has the capacity to be easily spread by many means. Currently there is no effective treatment for ASF and it is easy to see why pig producers and governments are very fearful of this disease. Biosecurity is the first line of defence against the disease. This applies not only to the farm but also when travelling to and from the farm and to areas where ASF has been confirmed.

LIMITING THE SPREAD OF ASF

Good effective biosecurity is the only tool producers have in stopping the spread of the disease. Pig farmers need to manage and monitor the highest levels of biosecurity possible. This needs to be practiced by the management, all staff and suppliers.

ASF is easily transmitted by transportation of pigs and their vehicles. These include feed lorries, manure trucks and vehicles that remove the dead pigs. People are also carriers of the virus via their clothing, boots and equipment, or any other inanimate object they may carry or bring onto the pig farm.



BIOSECURITY

A review of current systems should be undertaken, and a programme should be implemented following consultation with the veterinarian, management and farm staff.

A programme should start with a study of HACCP at all places starting with the transport of pigs to and from the farm. Personnel movement should be the next area reviewed avoiding the risk of going from dirty to clean sectors. Control of wild boars and pigs, rodents and other large animals such as deer, foxes etc. should not be allowed to enter the site. Don't allow hunters of animals to visit the farm or staff.

You should never share anything between farms and neighbours.

BIOSECURITY PROGRAMME AS AN AID FOR THE PREVENTION OF ASF AND OTHER DISEASES

African Swine Fever is easily spread and attention should be given to vectors such as vehicles, people, clothing and boots, equipment and any inanimate object that might be brought onto the farm.

A good biosecurity programme is the ONLY form of defence from infection and cleaning the farm if an outbreak has occurred. The programme must be owned by everyone from

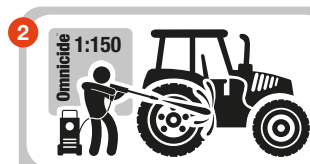
the management to the workers on the farm. It is essential that all employees understand the need for a good biosecurity programme and training given to everyone to understand the process.

The suggested programme overleaf is for a guide as every farm or business can be different. Consult your distributor or the manufacturer for specific needs.

FARM



The entrance to the farm is the first line of defence. All personnel and vehicles entering the site should be cleaned and disinfected.



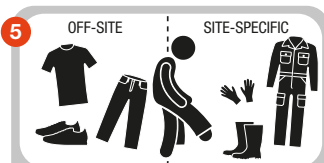
For vehicles they should be sprayed with Omnicide at a dilution of 1:150 covering the whole vehicle.



Have effective foot dips in place. Ensure all foot ware is cleaned of all organic matter before use.



Have a solution of Omnicide diluted at 1:100 in the footbath and change every 2-3 days or after heavy use.

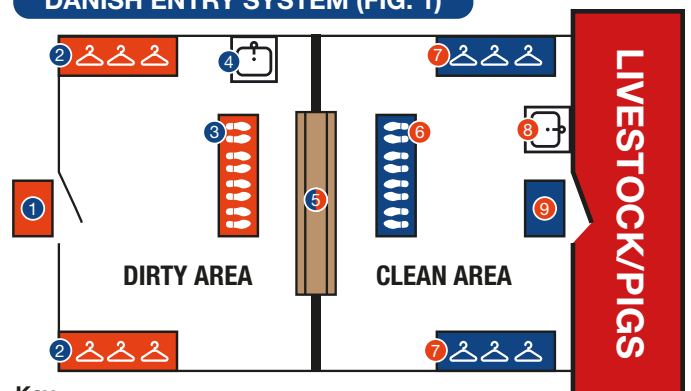


Ensure all farm workers and visitors change their clothing to clean site-specific clothing before entry to the farm. Employ what is known as the Danish system (See Fig. 1) for added security.



At all points of access have hand sanitizers in place and use before moving from one area to another or after handling livestock.

DANISH ENTRY SYSTEM (FIG. 1)



Key

- 1 Footbath
- 2 Outdoor Clothing
- 3 Outdoor Footwear
- 4 Hand Washing
- 5 Bench/Demarcation

- 6 Clean Area Footwear
- 7 Clean Area Clothing
- 8 Hand Washing
- 9 Footbath



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BUILDINGS

For general farm building cleaning and disinfection follow the recommended programme.

1

Remove all organic matter from the building and away from the farm in covered vehicles. Sweep all dust and material from beams, air inlets fan shafts etc. Starting at the top of the building and working down to the floors. If needed scrape off by hand any stubborn organic matter not removed by brushing.



2

Pre-soak all surfaces and equipment with Omniclean through a foaming lance at a dilution of 1-2% depending on soiling. Leave on surface for 10-15 minutes.

3

Wash with clean water under pressure working from the roof to the floor and from one end of the building to the other.

4

Allow all surfaces to dry.

5

Apply Omnicide at low pressure to all surfaces at a dilution of 1:150 Allow a contact time of over 15 minutes.

6

Replace all equipment ensuring it has been cleaned and disinfected before entering the building.

7

Fumigate the building using either a wet mister or thermal fogging

8

Place foot baths at entrances and exits to buildings. Add Omnicide at a dilution of 1:100 and change every 2-3 days.



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OMNICIDE HAS BEEN TESTED AND APPROVED BY THE EUROPEAN UNION REFERENCE LABORATORY FOR USE AGAINST AFRICAN SWINE FEVER.

TRANSPORTATION

1

All transport carrying livestock should be thoroughly cleaned and disinfected between use.

2

Sweep out the vehicle including side walls, dividers, floor and loading ramp.

3

Remove any mud, straw etc. from wheels. Paying attention to wheel arches.

4

Soak the vehicle and all surfaces in a dilution of Omniclean at 1% through a foaming lance allow to stand for 15 mins.

5

Thoroughly wash all surfaces inside and out, with clean water under pressure. Allow to dry.

6

Spray all clean dry surfaces with a dilution of Omnicide at 1:150 at low pressure. Allow 15 - 20-minute contact time.

VEHICLE CAB

1

Remove mats and carpets from vehicle and clean and disinfect.

2

Clean and sweep out cab floor and control pedals.

3

Wash cab floor with Omniclean at a dilution of 1:160 using a scrubbing brush and allow to dry.

4

Wipe over all surfaces with Omnicide soaked into a cloth at a dilution of 1:160.

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