

# ASF IN PIG FARMING

## Prevention of ASF by strict disinfection

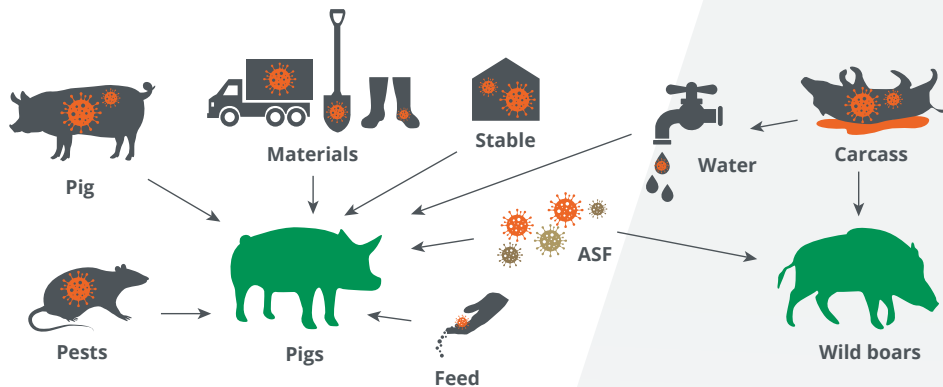
**MSGold**

Best hygiene products  
in livestock farming

African swine fever (ASF) is a contagious and severe viral disease of domestic and wild pigs. The ASF epidemic has recently escalated, the disease spread across sub-Saharan Africa, Europe, Asia-Pacific and now also in Latin America. This spread has placed the majority of the world's swine population under direct threat. Due to its virulent nature and high mortality rate, ASF is responsible for a serious decrease in pig production and economic losses.

### How does contamination and spread take place?

The ASF virus can be transmitted directly and indirectly. Directly through mutual contact via saliva, nasal discharge, manure, urine & sperm and indirectly via vehicles, people, contaminated surfaces, vermin, feed and water. The distances between the previous outbreaks are large, therefore the indirect chance of contamination should not be underestimated.



### What are the characteristics of African Swine Fever?

1

African Swine Fever can express itself in various ways: from subclinical symptoms to bruising and sudden death.

2

The virus is extremely highly tolerant in a vast variety of conditions and can survive for 3 months outside of the pig.

3

Pigs that have been affected by African Swine Fever become acutely ill after an incubation period of 4 to 19 days.

Immediately after emptying



50.000.000  
pathogens/cm<sup>2</sup>

After pressure cleaning



20.000.000  
pathogens/cm<sup>2</sup>

After foam cleaning



100.000  
pathogens/cm<sup>2</sup>

After disinfection



<500  
pathogens/cm<sup>2</sup>

### Prevention

Good biosecurity is the most important weapon that pig farmers have in their hands to prevent the introduction of African swine fever to their farms. It is therefore important that everyone in and around the farm adhere to the hygiene measures. By ensuring very strict biosecurity protocols the company can be optimally against the introduction of the ASF virus.

Cleaning & disinfection of vehicles, equipment and anything else that enters the farm is part of this process.

### Disinfection

A strict cleaning and disinfection program focussing on all external biosecurity principles will significantly reduce the chances of introducing ASF to a farm location.

Disinfection is the final step in a cleaning and disinfection program.

To effectively combat diseases on farm level it is recommended to choose a powerful foaming disinfectant which is effective in presence of organic and is independently tested against African swine fever.

### Combating ASF with Megades Novo



- Independently tested against African swine fever and shown to be effective at a dosage of 0.25% (kills >99%)
- Broad range of action: bacteria, yeasts and viruses
- Powerful foaming disinfectant
- No discolouration of materials and non-corrosive
- Superior humidification and deep cleaning
- Effective in the presence of organic matter

**MS Gold**

Smaragdweg 60 | 5527 LB Hapert, The Netherlands | [www.msgold.eu](http://www.msgold.eu) | [info@msgold.eu](mailto:info@msgold.eu) | 0031 497-339774

The **Schippers** Group