

## **Saniblanc D and the control of Swine Flu and other Pathogens on Pig Farms**

### **Swine Flu Virus Infections in Pigs**

Swine influenza is a respiratory disease of pigs caused by type A influenza viruses and has a major economic impact on the swine industry. Flu outbreaks in pigs are common, especially during winter months. Swine flu can result in high rates of illness in herds.

Studies have shown that 30% to 50% of commercial U.S. swine have been infected with swine flu.

Pigs most commonly get infected with flu viruses from other pigs (swine flu), but also can get infected with flu viruses from birds (avian flu), and from people (human flu). This cross-species spread of flu viruses can lead to new types of flu viruses.

### **Prevention and Control**

The best way to deal with Swine Influenza is to prevent the occurrence and spread of the disease. There are certain parameters that can be followed that will prevent and control the disease in a herd.

Limited movement in a herd is essential. Try to avoid purchasing new stock and avoid taking animals to exhibits where they will be in contact with other animals. One should also avoid moving any animals within the barn itself to eliminate any excess stress. If any new herd additions are to be entered into a herd, be sure to isolate these animals, preferably in a separate building. Screen these animals by serology to determine if these animals have been exposed to Swine Influenza, and if so virus isolation should be considered.

Standard sanitary measures can also help prevent and control the spread of virus. Influenza A viruses are inactivated by soap, heat, and formalin. Be sure to clean and disinfect trucks, trailers, and any equipment which may be contaminated. If a group of finishing pigs had Swine Influenza, be sure to clean and disinfect the house completely before the next group enters.

Vaccination is another means of controlling Swine Influenza. There have been commercial vaccines available in Europe for a while which have had considerable variation in antibody response and protection from infection following vaccination. Only within the last year has there been a vaccine licensed for use in swine in the U.S.

### **The use of Saniblanc reagents on Pig Farms**

Saniblanc D, dry powder disinfectant is a DEFRA approved treatment for all ground areas, a double action formula that attacks pathogens through heat and pH and is highly effective against all flu virus strains and Salmonella. Saniblanc D will maintain a sterile and healthy farm environment for extended periods after use.

Saniblanc Q, dry powder sludge treatment for sterilization of animal wastes, will destroy all pathogens in the animal waste before it is used as a fertilizer on agricultural land.

Saniblanc SLS45, liquid treatment for buildings, traditional lime washing for the 21st century!  
Saniblanc SLS45 is a high solids lime based suspension, specifically formulated for the treatment of internal walls and ceilings to disinfect and maintain a sterile and healthy environment.