

Preventive Measures of African Swine Fever Virus in Pig Farms

Purpose of Preventive Measures in Pig Farms

- 1 The African swine fever virus enters the farm via **carriers, vehicles, goods, and people**.
- 2 Farms must be **excessively protected** in order to **prevent the influx of viruses** via carriers, vehicles, goods, and people with the idea that, "I am the protector of my farm."

1. Around the Farm (Carriers, Vehicle Equipment, People)



Install a sturdy fence outside the farm, and use wildlife repellent evenly along the perimeter of the pen.
* Fences are closely installed around the farm at a height of 1.5 m or more.



Apply quicklime to the perimeter of the farm in a strip more than 50cm in width and periodically disinfect the farm driveway.



If a wild boar (or its dead body or fecal matter) is found around the farm, immediately report it to the Ministry of the Environment or the Department of Prevention of Epidemics.



Do not bring in crops and straw produced in areas (agricultural land) where wild boars roam through the farmland.



Do not bring equipment (tractors, cultivators, etc.) used outside the farm into the farm.



Livestock vehicles should enter the farm as infrequently as possible.
- Disinfect after removing organic matter, such as soil on the wheels of the vehicle and the lower aspects of the vehicles, and sterilize the driver's seat using simple sterilizer.



Clean the area around the farm, disinfect work clothes, hats, and shoes daily, and wash them fully every 2-3 days.

* Continuously conduct maintenance of environments around the pen that can be contaminated (piles of garbage, wetlands, bushes, etc.) to prevent mosquitoes, and conduct regular removal of weeds.



Prohibit outsiders from entering except for in cases requiring medical services.

* Strict prohibition of hunters and farmers entering the farm.

* Thoroughly manage the opening and closing of the entrance, and block all other entrances except for the main entrance of the farm.



Farm officials must not engage in hunting activities or mountaineering.

* Do not visit wildlife habitats, ponds, or farmlands where wild boars roam.

2. Inside the Farm (Carriers, Vehicle Equipment, People)



1 Keep the inside of the farm clean and periodically clean and disinfect compost, feed storage facilities (feed bins), shipping units, etc.



2 Leaving elements (feed, remnants, chaff, straw litter, etc.) that are potential food for wild land animals and flying wild animals in the farm is prohibited.

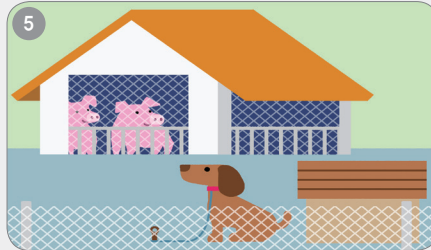


3 Do not leave any carcasses, miscarried fetal animals, or placentas, etc., unattended on the farm or discard them in the compost shed.

* Use a carcass remover or a company's services to safely handle for prevention of epidemics



4 Install wire fences around ditches and crevices inside the farm and bird-blocking wire fences around the compost shed, feed storage warehouse, and straw (chaff) storage warehouse.



5 Do not let animals raised in the farm (dogs, cats, etc.) wander around and leash them at designated locations on the farm.

* Thoroughly manage the opening and closing of the entrance to prevent them from leaving the farm.



6 Clean and disinfect equipment such as ski loaders used in the farm on a daily basis and store them in the farm's storage facilities.

* Always disinfect and sterilize them using ultraviolet light (UV) when storing.



7 The facility must be equipped with a personal disinfection facility and foot-hold disinfecting chamber at the entrance of the farm to thoroughly disinfect and make records of people entering.

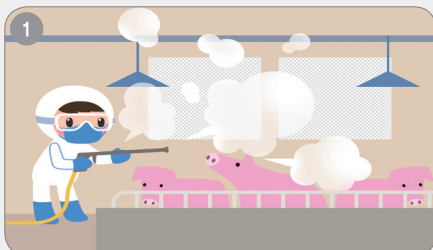


8 A disease prevention room must be installed at the entrance of the farm to thoroughly disinfect people who are entering.

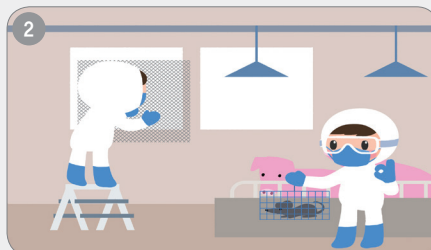
* Those entering must take a shower or disinfect / change clothing (boots), then conduct activities on the farm.

1588-9060
1588-4060

3. Inside the Pen (Carriers, Vehicle Equipment, People)



1 Thoroughly clean and disinfect the interior of the pen periodically.



2 Fill any holes in the pen, block the entry of insects, rats, and flies by installing nets and insect nets.

- Install insect nets to prevent insects, birds, etc., from entering via ventilators and vents (windows).

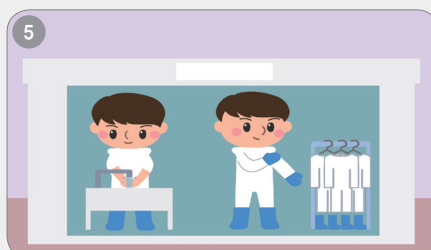
* Install flypaper, mouse traps, pest lamps, and anthelmintics and insect repellents to exterminate rats and flies.



3 Newly-introduced pigs and livestock should be isolated in a quarantine pen and closely monitored until they are moved to another pig farm.



4 Articles that are in direct contact with pigs (syringes, artificial insemination instruments, nozzles, etc.) must be cleaned and disinfected periodically, and stored in the internal storage without being taken to the outside.



5 Install a front room at the entrance of the pen where people can change their boots and clothing, and they must change into the assigned work clothing and boots and wash their hands thoroughly.