



Initiating office: OFFICE OF THE DIRECTOR

MEMORANDUM CIRCULAR

Initial action
FOR DISSEMINATION



Subject:

Technical Standards on the procedures during Pre-Sentinel and Sentinel Period on Previously infected premises of ASF

Initial remarks

Records please

Scan me to update status or view history

Document ID:
18031



Republic of the Philippines
Department of Agriculture
BUREAU OF ANIMAL INDUSTRY
Visayas Ave., Diliman, Quezon City
GaBAI sa Pag-unlad ng Paghahayupan

(+632) 8528-2240 director@bai.gov.ph www.bai.gov.ph @bai.gov.ph

MEMORANDUM CIRCULAR

No: 22
Series of 2022

SUBJECT: TECHNICAL STANDARDS ON THE PROCEDURES DURING PRE-SENTINEL AND SENTINEL PERIOD ON PREVIOUSLY INFECTED PREMISES OF AFRICAN SWINE FEVER (ASF)

The absence of ASF virus (ASFv) in previously infected farm premises can only be determined upon introduction of sentinel animals. Sentinel animals are critical as this can facilitate early detection of ASF and prevent the occurrence of outbreak before repopulation if ever the virus is still present

In order to provide guidance on how placement of sentinel animals will commence after complete depopulation in previously ASF affected premises, the following procedures are hereby prescribed as follows:

A. Pre-Sentinel Period

1. After the last day of depopulation, thorough cleaning and disinfection (C&D) must be performed in the farm. Recommended procedure on C&D is cited in another technical standards entitled, "Technical Standards on the Recommended Procedures for Cleaning and Disinfection (C&D) for Previously ASF Affected Farms and C&D Monitoring Checklist".
2. The farm premises must be vacated for 40 days after the completion of C&D.
3. A physical inspection of the C&D will be validated by veterinary/agricultural authorities and/or barangay biosecurity officers using a checklist enclosed in another technical standards to be released by BAI
4. Upon completion of the procedures during the pre-sentinel period, the city/municipality may upgrade from RED to PINK, after submission of complete documentary requirements, as written in DA Administrative Order 30 series of 2021, to DA Regional Field Office.

B. Sentinel Period

1. Prior to the introduction of sentinel animals to the recipient farm, all animals must be tested negative for ASF antibody and antigen within seven (7) days before the transfer of animals.



2. Weekly monitoring of the animals from day 7 to day 35 will be performed using a checklist cited in Annex A.
3. At day 40, blood samples will be collected from representative samples of the herd using the guideline indicated in BAI Memorandum Circular 44 series of 2021.
4. If results of representative animals tested negative, the farmer may opt to proceed to slaughter, further fattening or use as breeders.
5. Upon completion of procedures during the sentinel period, the municipality/city may upgrade from PINK to YELLOW after the required documentary requirements have been submitted to DARFO.

Further details of the procedures are illustrated in Annex B.

For your reference and information.

Done this 13th day of June 2022.


REILDRIN G. MORALES, DVM, MVPHMgt.
Officer-in-Charge, Director

Annex A. Swine Health Monitoring Checklist

Farm Name:	
Owner	
Address:	
Date:	
Checklist Completed by:	

Inventory – Bilang ng baboy	Number / Bilang
Starting Inventory / Inventory from last Monitoring <i>Bilang ng baboy sa simula o sa huling inspeksyon</i>	
Present Inventory <i>Bilang ng baboy ngayon</i>	
Difference <i>Pagkakaiba</i>	

Reasons for Difference – Dahilan ng Pagkakaiba	Number - Bilang
Sales – Naibenta	
Mortality / Died - Namatay	
Total	

	Number - Bilang
Clinical Signs – May sintomas ng sakit	
Number of Heads Apparently Healthy / Bilang ng baboy na walang sakit	
Number of Heads with clinical symptoms / Bilang ng baboy na senyales ng sakit	

Clinical Signs Observed – Mga Sitomas ng Sakit na Nakikita	Observed Yes / No	Points	Score
High Fever >40C – Lagnat >40C		4	
Erythema – Pamumula ng balat		4	
Lethargic, Depressed – Mahina, Matamlay		4	
Vomiting – Nagsusuka		4	
Abortion – Nakunan		4	
Abnormal Gait – Namimilay, hindi makalakad ng maayos		3	
Off-feed Anorexic – Hindi kumakain / Walang		3	



<i>gana kumain</i>			
Emaciated - Namamayay		3	
Bloody Diarrhea - <i>May dugo sa dumi/tae</i>		3	
Reduced Feed Intake - <i>Humina ang kain</i>		2	
Respiratory signs - <i>Nahihirapan huminga,</i>		2	
Epistaxis - <i>May dugo lumalabas sa ilong</i>		2	
Eats Slowly when Fed - <i>Mabagal kumain pag bigay ng feeds</i>		1	
Empty Stomach - <i>Pag impis ng tiyan / walang laman ang tiyan</i>		1	
Reduce amount of feces / <i>kumonti ang dami ng dumi/tae</i>		1	
	Total Score		

Notes:

SCORING - A yes answer will score the corresponding number (4,3,2,1) seen iunder the points column, and then Totaled
 If total score results is 10 and above this will considered highly suspicious for ASF. Samples to be taken for conformation

Pag SCORE - Ang may Yes na sagot ay makakuha ng puntos na nakasaad sa Points Column. Kung ang Total Score ay 10 or mas mataas, ito ay kahinahinalang may ASF. Kumuha ng naayon na sample para ma pa test.





Republic of the Philippines
 Department of Agriculture
BUREAU OF ANIMAL INDUSTRY
 Visayas Ave., Diliman, Quezon City
GaBAI sa Pag-unlad ng Paghahayupan

(+632) 8528-2240 director@bai.gov.ph www.bai.gov.ph @bai.gov.ph

Annex B. Pre-Sentinel and Sentinel Period Protocol

Table 1. Procedures on Cleaning and Disinfection after ASF outbreak

Day	Event	Activities	Remarks	Diagnostic Test	No. of Sample	Zone Color
	ASF outbreak	Depopulation, surveillance in 0.5 -1 km radius				RED
0	Last day of depopulation					
	Cleaning and disinfection	Thorough C&D of all affected premises	<p>Must be performed after all pigs have been depopulated. No pigs must be present in the farm during the conduct of C&D.</p> <p>C&D must be supervised and validated by veterinary/agricultural authorities and/or barangay biosecurity officers.</p> <p>The farm premises must be vacated for 40 days after the last date of C&D prior to the placement of sentinel animals.</p> <p>Afterwards, veterinary/agricultural authorities and/or barangay biosecurity</p>			

			officers will conduct physical inspection to evaluate the conduct of C&D using a checklist written in BAI Technical Standards no. 3 series of 2021.			
	Environmental Surveillance – after day 40 (OPTIONAL; not a requirement for sentinel placement)	Collection of environmental swabs on previously affected premises	<p>Samples can be collected after the 7-day rest period.</p> <p>If negative, placement of sentinel can be done after the 40-day downtime.</p> <p>If positive, repeat the C&D and collect again environmental swab samples 7 days after.</p>	RT PCR	Individual sample per recommended location (house walls, floors, ceilings, feeder, waterer, etc)	
40	End of ASF Downtime		First batch of pigs/sentinel pigs can be introduced			May upgrade from RED to PINK if no outbreaks have been detected for 40 days. LGU must also comply to the required documents on Bantay ASF sa Barangay

Table 2. Sentinel Animal Surveillance Protocol

Day	Event	Activities	Remarks	Diagnostic Test	No. of Samples	Zone Color
1	Arrival of First Batch/Sentinel Pigs in the Farm	Placement of Sentinel Pigs in the Farm	<p>All sentinel animals should be sourced from BAI certified ASF free farm;</p> <p>Test must be conducted within 7 days from the source farm before transfer to the receiving farm..</p>	Antibody and Antigen test	All	
7 14 21 28 35	Clinical observation	Monitor if there are any pigs showing clinical signs related to ASF and other infectious disease	<p>Commercial Farms must submit the Swine Health Monitoring (SHM) Checklist (<i>BAI Technical Standards no. 3 series of 2021</i>) to DARFO through PVO.</p> <p>Backyard farms must be supervised by LGUs. PVO/CVO/MVO/MAO shall submit SHM Checklist to DARFO through PVO.</p> <p>The checklist is relevant to establish that the animals are free from any clinical signs of ASF during each period.</p>			

40	Last day of Monitoring for Sentinel Pigs	Collect blood samples from pigs in the farm. Prioritize pigs showing clinical signs	If negative, farmers may opt to proceed to slaughter, further fattening OR use as breeders. If positive, depopulate the whole herd	Antigen (RT-PCR)	Sample size can be determined through the guide illustrated in BAI Memorandum Circular 44 series of 2021	Upgrade from PINK to YELLOW if all representative animals tested negative for ASF antigen
----	--	---	---	------------------	--	---