



ADMINISTRATIVE CIRCULAR

No: 13

Series of 2024

SUBJECT: AMENDMENT TO DEPARTMENT OF AGRICULTURE (DA) ADMINISTRATIVE CIRCULAR (AC) NO. 05, SERIES OF 2024, AND DA ADMINISTRATIVE CIRCULAR NO. 08, SERIES OF 2024, ON THE CONTROLLED USE OF ASF VACCINE AND ITS SUPPLEMENTAL GUIDELINES

WHEREAS, Department of Agriculture Administrative Circular No. 05, Series of 2024, entitled "Guidelines on the Controlled Use of Vaccine for African Swine Fever," mandates the provision, distribution, and monitoring of the controlled use of the ASF vaccine in coordination with the Food and Drug Administration (FDA) and Local Government Units (LGUs) to curb the spread of African Swine Fever (ASF) in the country;

WHEREAS, Department of Agriculture Administrative Circular No. 08, Series of 2024, entitled "Supplemental Guidelines on the Use of the ASF Vaccine Procured by the Department of Agriculture - Bureau of Animal Industry for Commercial Farms and Swine Herds under the Integrated National Swine Production Initiatives for Recovery and Expansion (INSPIRE) Program," aimed to effectively increase the vaccination rate, achieve the desired coverage, and facilitate the assessment of the vaccine's efficacy for ASF prevention and control;

WHEREAS, there is a need to address low participation rate and gaps on the existing implementation protocol particularly on the utilization, administration and monitoring of vaccinated pigs;

WHEREAS, to effectively increase the participation of farms in the ASF vaccination, achieve the desired coverage, and facilitate the assessment of the vaccine's safety and efficacy, there is an urgent need to fast-track the implementation of the ASF vaccination program;

NOW, THEREFORE, I, FRANCISCO P. TIU LAUREL JR., Secretary of the Department of Agriculture, by the power vested upon me, do hereby issue the following guidelines amending the certain provisions of the DA AC No. 05, Series of 2024 and DA AC No. 08, Series of 2024 to accelerate and streamline the implementation of the ASF vaccination program:

SECTION 1. COVERAGE

This guideline is issued in conjunction with DA Administrative Circular No. 05, Series of 2024, and DA Administrative Circular No. 08, Series of 2024, which provides overarching guidelines for the controlled use of the ASF vaccine.

SECTION 2. REQUIREMENTS FOR VACCINATION AND PROCEDURE

1. Vaccination against ASF shall be permitted in barangays with no active cases of ASF for at least 40 days and/or with evidence of ASF negative surveillance in Red (Infected) and/or Pink (Buffer) Zones.

Active case refers to areas with ongoing ASF outbreaks, or those undergoing surveillance, depopulation or cleaning and disinfection.

2. Farms with intent to vaccinate shall submit the following documentary requirements:
 - a. Accomplished intent to participate (letter of intent) (Form 1)
 - b. Duly signed Veterinarian-Client Patient Relationship (VCPR) (Form 2)
 - c. DA or BAI registration (e.g. Registry System for Basic Sectors in Agriculture (RSBSA) or Animal Welfare Compliance Registration)
 - d. Compliance with Farm Biosecurity Classification Level 2 for commercial and semi-commercial farms and Level 1 for smallhold farms.
 - e. Farm vaccination program, if any
3. The farm shall comply with the monitoring schedules and allow authorized personnel from Bureau of Animal Industry (BAI), Department of Agriculture Regional Field Offices (DARFO) and/or the Provincial/City Veterinary Office to conduct an inspection and monitoring of the farm.
4. For Government-owned farms, the requirements for DA or BAI registration is optional.
5. The application procedure shall follow the DA AC No. 05, Series of 2024, Section 4.
6. There is no minimum number of pigs required for vaccination and pigs do not need to be in the same age group for vaccination.
7. The ASF vaccine shall be administered only to weanling or grower pigs at least four (4) weeks of age or older and must be apparently healthy or tested negative for ASF before vaccination.

SECTION 3. MONITORING OF VACCINATED FARMS

1. Vaccinated farms must be monitored from the day of vaccination up to the day of slaughter of vaccinated pigs. All monitoring shall be documented and submitted to the Local Government Unit (LGU), DARFO, and BAI.
2. Whole blood, serum and nasal swab samples shall be collected at thirty (30) days post-vaccination and/or seven days (7) prior to slaughter provided that the pigs remained in the farm during the said period.

3. The sample size must be calculated following the Cannon and Roe table (Annex 1) using the following assumptions:
 - a. 2% prevalence;
 - b. 95% Confidence Interval;
 - c. 99% specificity and sensitivity; and
 - d. Population of pigs to be vaccinated.

Example Calculation:

For a total population of 1,000 vaccinated pigs, with a 2% prevalence, the required sample size for collection will be 138 pigs, to ensure a valid representation of the vaccinated population for testing.

4. The Differentiating Infected from Vaccinated Animals (DIVA) test may be conducted on ASF positive samples detected through Real-time PCR (RT-PCR). Additionally, genomic sequencing may be conducted on the samples from pigs that fail to seroconvert or as determined by BAI.
5. In the event of mortality or observation of clinical signs, the BAI, DARFO, and/or LGU must conduct a disease investigation and collect samples for testing as deemed necessary. BAI may require additional sample collection and/or testing for further evaluation.

SECTION 4. MOVEMENT OF VACCINATED PIGS FOR SLAUGHTER PURPOSES

1. Vaccinated pigs are permitted to be moved for slaughter only if all the following conditions are met:
 - a. Pigs must be apparently healthy and test negative for ASF viral antigen using RT-PCR during the 30-day post-vaccination monitoring period. If the monitoring period extends beyond 30 days, the test must be conducted within 7 days prior to slaughter
 - b. Movement clearance for vaccinated pigs must adhere to current regulations, including obtaining a Certificate of Free Status on ASF (CFS-ASF).
2. Pigs that test positive for ASF viral antigen using RT-PCR and display clinical signs consistent with ASF must be depopulated. A DIVA test may also be performed.
3. Pigs that test positive for ASF viral antigen using RT-PCR but do not exhibit any clinical signs must undergo additional monitoring and testing. Movement of these pigs shall be suspended for a 7-day observation period to monitor for any clinical signs. After this period, the pigs must be retested for virus clearance.
 - a. If the pigs test negative through RT-PCR, they may be allowed for slaughter.
 - b. Pigs that remain RT-PCR positive and are DIVA positive for wild ASF virus must be depopulated in accordance with the existing guidelines.

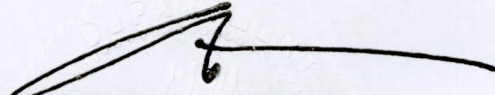
SECTION 5. REPEALING CLAUSE

All other existing Orders, Circulars, Issuances, Rules and Regulations that are in conflict with or inconsistent with any provisions of this Administrative Circular, are hereby repealed, amended or modified accordingly.

SECTION 6. EFFECTIVITY

This Circular shall take effect immediately.

Done this 19th day of NOVEMBER 2024.


FRANCISCO P. TIU LAUREL, JR.
Secretary

Secretary



DA-CO-OSEC-AC20241120-00012

Annex A. Sample size based on the table by Cannon and Roe

Pop'n size (N)	(i) Percentage of diseased animals in population (d/N) OR (ii) Percentage sampled and found clean (n/N)												
	50 %	40 %	30 %	25 %	20 %	15 %	10 %	6%	5%	2%	1%	0.5 %	0.1 %
10	4	5	6	7	8	10	10	10	10	10	10	10	10
20	4	6	7	9	10	12	16	19	19	20	20	20	20
30	4	6	8	9	11	14	19	24	26	30	30	30	30
40	5	6	8	10	12	15	21	29	31	40	40	40	40
50	5	6	8	10	12	16	22	31	35	48	50	50	50
60	5	6	8	10	12	16	23	34	38	55	60	60	60
70	5	6	8	10	13	17	24	35	40	62	70	70	70
80	5	6	8	10	13	17	24	37	42	68	79	80	80
90	5	6	8	10	13	17	25	38	43	73	87	90	90
100	5	6	9	10	13	17	25	39	45	78	96	100	100
120	5	6	9	10	13	18	26	40	47	86	111	120	120
140	5	6	9	11	13	18	26	41	48	92	124	139	140
160	5	6	9	11	13	18	27	42	49	97	136	157	160
180	5	6	9	11	13	18	27	43	50	101	146	174	180
200	5	6	9	11	13	18	27	43	51	105	155	190	200
250	5	6	9	11	14	18	27	44	53	112	175	228	250
300	5	6	9	11	14	18	28	45	54	117	189	260	300
350	5	6	9	11	14	18	28	46	54	121	201	287	350
400	5	6	9	11	14	19	28	46	55	124	211	311	400
450	5	6	9	11	14	19	28	46	55	127	218	331	450
500	5	6	9	11	14	19	28	47	56	129	225	349	500
600	5	6	9	11	14	19	28	47	56	132	235	379	597
700	5	6	9	11	14	19	28	47	57	134	243	402	691
800	5	6	9	11	14	19	28	47	57	136	249	421	782
900	5	6	9	11	14	19	28	48	57	137	254	437	868
1000	5	6	9	11	14	19	29	48	57	138	258	450	950
1200	5	6	9	11	14	19	29	48	57	140	264	471	1102
1400	5	6	9	11	14	19	29	48	58	141	269	487	1236
1600	5	6	9	11	14	19	29	48	58	142	272	499	1354
1800	5	6	9	11	14	19	29	48	58	143	275	509	1459
2000	5	6	9	11	14	19	29	48	58	143	277	517	1553
3000	5	6	9	11	14	19	29	49	58	145	284	542	1895
4000	5	6	9	11	14	19	29	49	58	146	288	556	2108
5000	5	6	9	11	14	19	29	49	59	147	290	564	2253
6000	5	6	9	11	14	19	29	49	59	147	291	569	2358
7000	5	6	9	11	14	19	29	49	59	147	292	573	2437
8000	5	6	9	11	14	19	29	49	59	147	293	576	2498
9000	5	6	9	11	14	19	29	49	59	148	294	579	2548
10,000	5	6	9	11	14	19	29	49	59	148	294	581	2588
∞	5	6	9	11	14	19	29	49	59	149	299	598	2995