

ADAPTIVE BREEDING STRATEGIES IN SWINE AMIDST THE THREAT OF ASF

PRESENTED BY:

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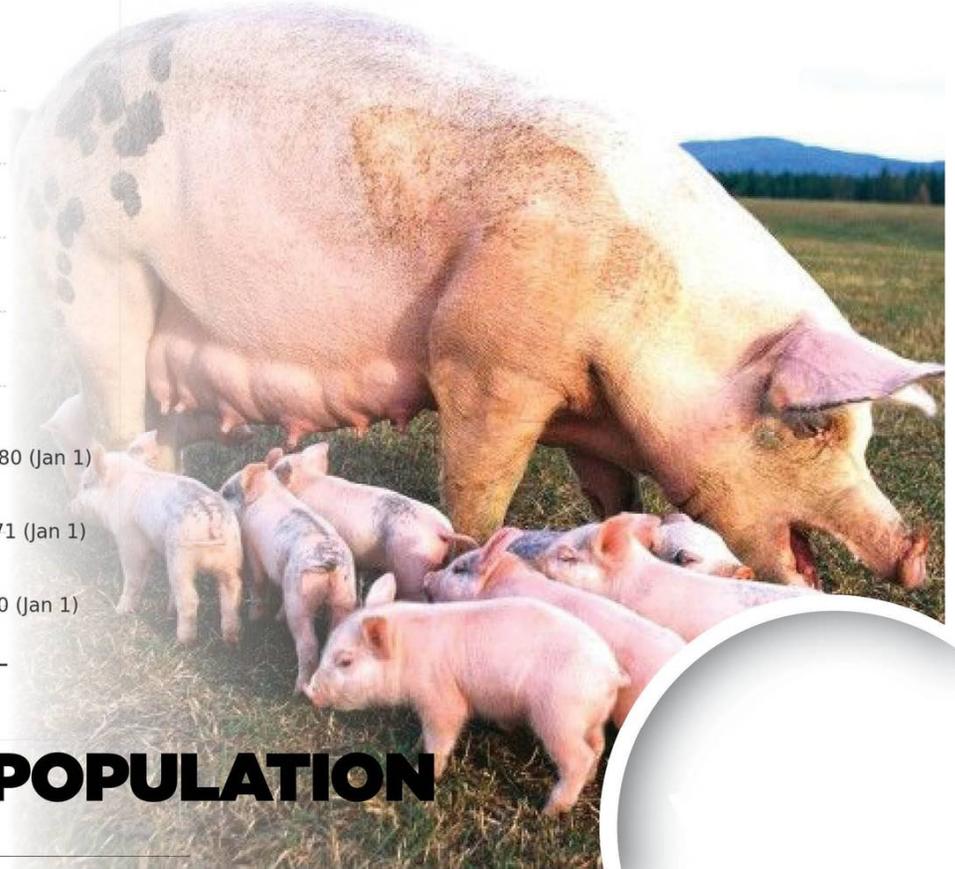
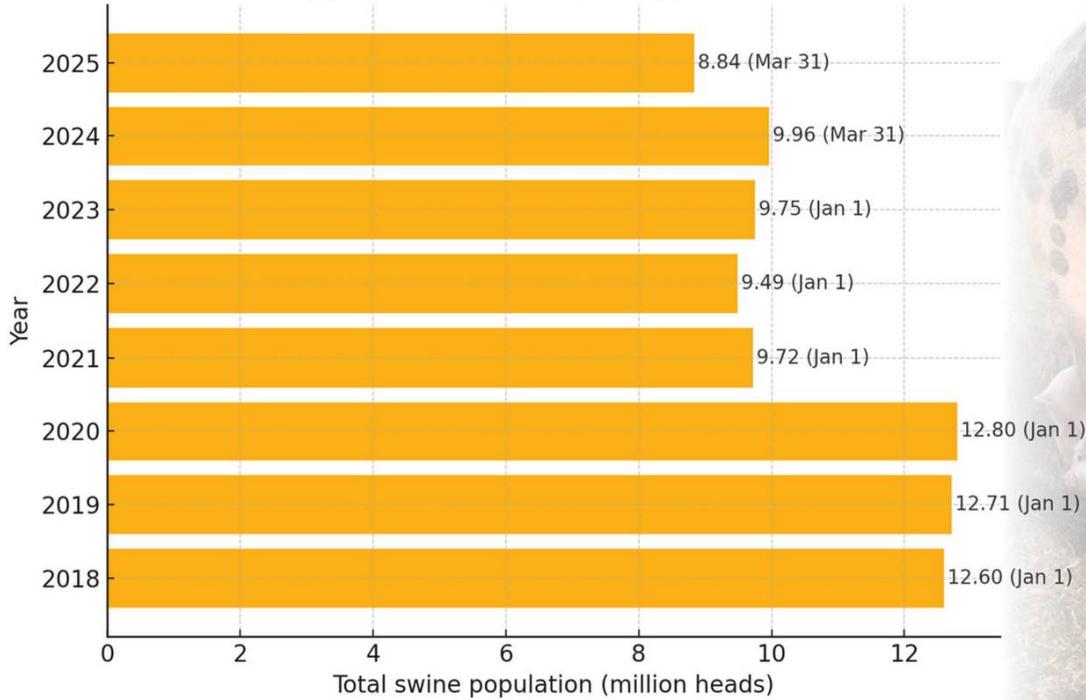


CONTENT

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EFFECT OF ASF TO PHILIPPINE SWINE POPULATION

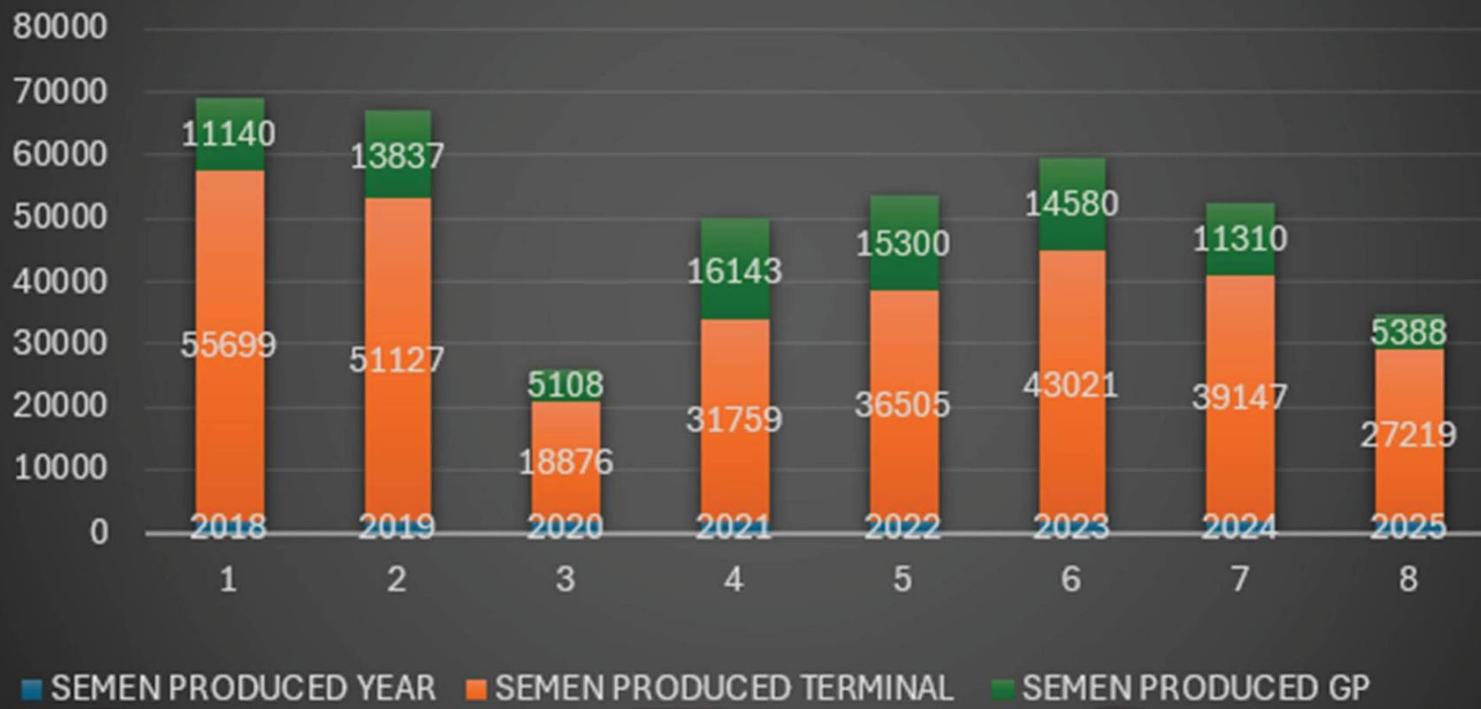
Philippines Swine Inventory, 2018-2025



PHILIPPINES YEARLY SWINE POPULATION

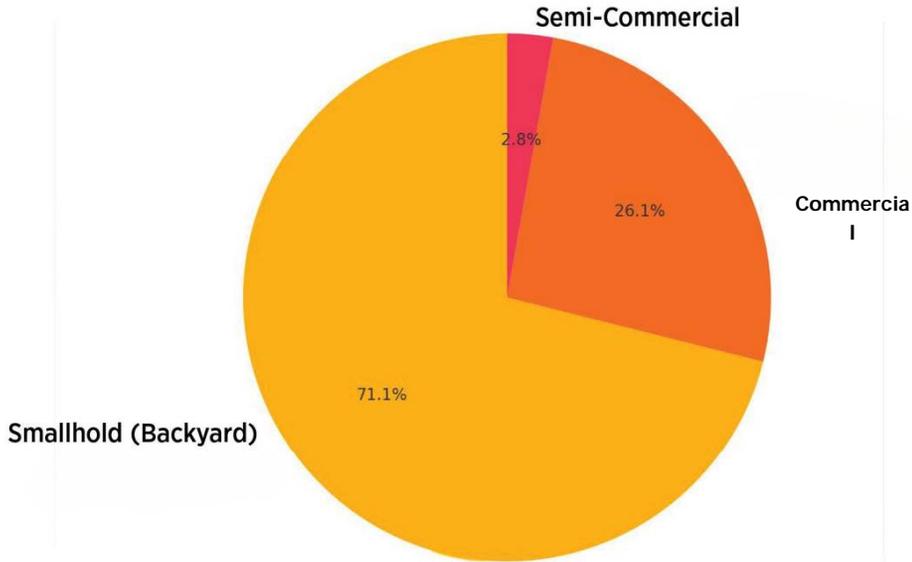
source: Philippines Statistics Authority

SEMEN PRODUCED



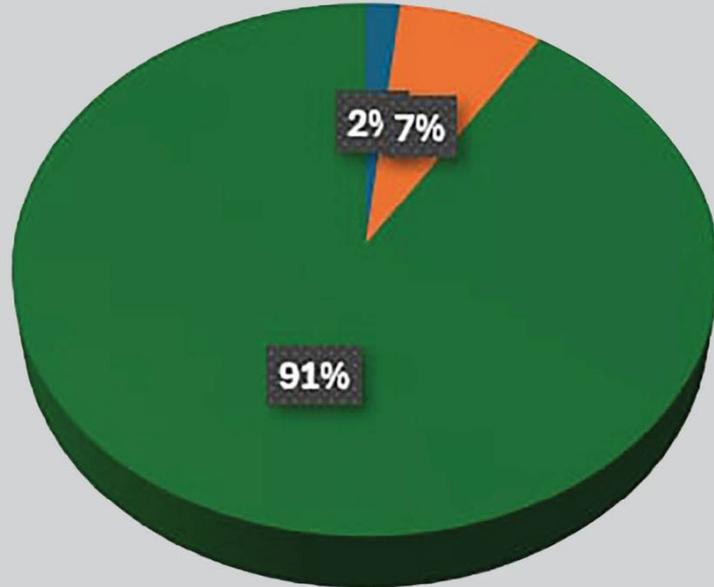
PIG DISTRIBUTION BASED ON FARM CLASSIFICATION

Philippine Swine Inventory by Farm Classification (as of 01 Apr 2025 PSA)



BOAR SEMEN DOSES SOLD BY DAVSAIC

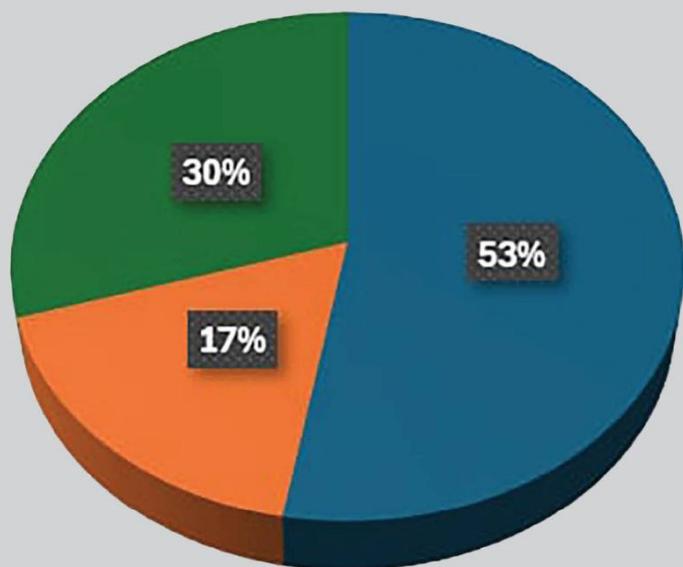
No. of Raiser (February 2025 - August 2025)



FARM TYPE	No. of Raisers
COMMERCIAL	27
SEMICOMMERCIAL	113
BACKYARD	1405

FARM CLASSIFICATION SERVED BY DAVSAIC

AMOUNT (February 2025 - August 2025)



FARM TYPE	AMOUNT (Peso)
COMMERCIAL	6,704,001
SEMICOMMERCIAL	2,220,128
BACKYARD	3,770,857

A yellow square containing the black number '2'.A blue background with a network diagram of nodes and lines, and a white curved corner at the bottom right.

CROSSBREEDING SYSTEMS FOR ROBUSTNESS

HETEROISIS BENEFITS DURING DISEASE THREATS



HYBRID
VIGOR
BENEFITS



MATERNAL
TRAIT
ADVANTAGES



GENETIC
DIVERSITY
PROTECTION



RAPID
REPOPULATION
ABILITY



TWO/THREE-WAY CROSSBREEDING SYSTEMS

TWO-WAY CROSSBREEDING

LOCAL SOW BRED WITH
COMMERCIAL BOAR
FOR FASTER GROWTH
WHILE MAINTAINING
HARDINESS.

THREE-WAY CROSSBREEDING

COMBINES MATERNAL
TRAITS FROM
CROSSBRED SOWS
WITH TERMINAL
SIRE BENEFITS FOR
MAXIMUM HYBRID
VIGOR.