

Introduction

- Swine production is becoming more knowledge and technology driven
- The adoption of state of the art technologies is no longer a choice but has become a necessity to pork producers
- The current scenario implies a deliberate and decisive information and technology generation thru R&D
- Efficiency of R&D implementation and utilization of its outputs is achieved thru collaboration and sharing of information between and among government R&D institutions and private industry players
- Public-private partnership in R&D is becoming popular in industries that are dependent on S&T





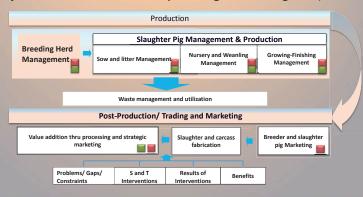






Objectives of the presentation

This presentation aims to present the overview of the R&D programs and projects under Swine Industry Strategic S&T Program (Swine ISP)



Pig Genetic Networking Conference: Philippines and Taiwan

The Philippine swine industry

- 2016 swine inventory is estimated at 12.48 M hd of which 7.96 M hd (63.78%) are in backyard and 4.52 M hd (36.22%) are in large commercial farms
- 2016 volume of production is estimated at 2.2 million MT
- 2016 value of production is Php211.43 B
- Swine ranks 2nd to rice in terms of contribution to GVA in Agriculture
- 2015 per capita pork consumption is 19.39 kg (15.05kg, carcass) and 4.34kg, offal)
- 2015 self sufficiency in pork is 90%
- The Philippines is FMD free

Source:http://www.bas.gov.ph/?ids=swinesituation

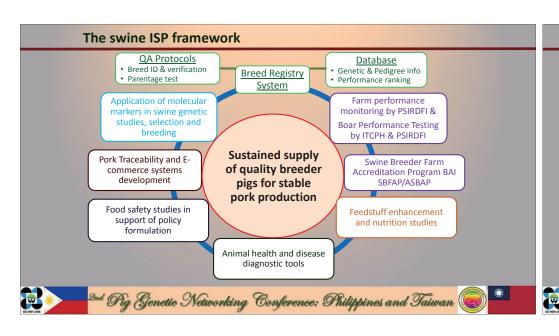


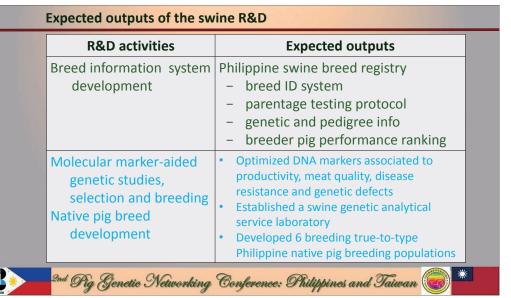














R&D activities	Expected outputs
Pork Traceability and E- commerce systems development	 Fully automated pork traceability system from pen to plate E-commerce system for breeder animals and boar semen
Food safety studies in support of policy formulation	 Information on anti microbial resistance of common pathogens Info on the rate of microbial contamination of pork from the slaughter houses, transport vehicle to retail stalls

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Expected outputs of the swine R&D

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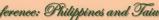
R&D activities	Expected outputs
Animal health and disease diagnostic tools	 LAMP based laboratory diagnostic protocols LAMP based quick diagnostic kits
	(wet and dry format) for PED
Feedstuff quality enhancement and nutrition studies	 Protein enhanced copra meal Range area enhancement protocol for free range native pig production

Expected	outputs	of the	swine	R&D
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R&D activities	Expected outputs
Swine Breeder Farm Accreditation Program BAI SBFAP/ASBAP	32 accredited swine breeder farms
Farm performance monitoring by PSIRDFI &	Swine farm performance information since 1992
Boar Performance Testing by ITCPH & PSIRDFI	 Boar performance testing protocol and facility Performance tested boars























R&D facilities and human resource capability enhancement

- Establishment of swine genetics analytical service laboratory
- Enhancement of artificial insemination laboratories of R&D institutions
- Support graduate degree scholarships for R&D personnel

The Philippine Swine Breeder Farm Accreditation Program (SBFAP) 33 Accredited Swine Breeder Farms as of February 2017 Region 4a & b 1. Quickgrow Genetics Phils., Inc. 1. John and John Farms, Inc. 2. Venvi Agro Industrial Ventures 2. Luz Farm, Inc. Corp. 3. PIC Philippines, Inc. 4. Foremost Farms, Inc. Region 3 5. Creekview Stock Breeding Farm 1. Depo Breeding Center 6. Holiday Hills Stock and Breeding 2. Hypig Genetics Farm 3. Mc Quarry 7. Cavite Pig City 4. IMI, Inc. 8. Jaro Development Corporation 5. Edward Agri Farm 9. Victoria Foods Company 6. Vergel de Dios Pig 10. Infarmco 11. Europhil Swine Genetics 7. PILMICO 12. International Swine Genetics, Inc. 8. URC 13. 3J Sireline Nucleus Farm Region 7 14. Coral Agri Venture Farm, Inc. 1. Wellisa Farm 2. Excelsior Farm Region 6 1. Genetico Progreso 1. Cecilia Stock Farms, 2. Jamarli, Inc. 3. V4 Farm ARMM 2. Surico Farm, Inc. Progressive Farm, 3. Davao Cresta Farm, Pig Genetic Networking Conference: Philippines and Taiwan















