

# **PATHOGEN-FREE BOAR SEMEN APPLICATION IN PORK PRODUCTION**

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SHUI-PO Breeding Swine Farm



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## **ABSTRACT**

*SHUI-PO breeding swine Farm has produced Landrace, Yorkshire and Duroc gilts, boars and semen for more than 40 years in Taiwan pig industry and abroad. We consider that providing the improved quality and specific-pathogen-free genetic resources is our duty and can benefit the farmers and countries in cost and profit. Besides, our artificial insemination (AI) station also collect data from customers and analyze the offspring performance of each boar so that the cooperation between each other can maximum the advantage of using our pathogen-free boar semen in pork production.*

Keywords: Artificial insemination station, pathogen-free, boar semen, Shui-Po AI station.

## **INTRODUCTION**

Shui-Po Breeding Swine Farm was established in 1978, additionally founded our AI center in 1998. We operate on approximately 4.6 Hectares, with surrounding land of approx. 8.0 Hectares (19.76 Acres) intended for landscaping, recreation and biosecurity. Currently we own 550 pure breed sows (275 Landrace, 175 Yorkshire and 110 Duroc) and 150 boars and are evaluated as L, Y, D nucleus purebred farm in Taiwan, 2017. Our farm and AI station received ISO9001:2008/CNS12681 International Quality Management Standard Certificate from 2001 and undergo a stable immunization plan and examination in pigs and semen. We also do monthly selection and genotyping on growth and production performance of replacement gilts and boars.

## **ANALYZING AND EXPERIENCES**

In order to continuously improve the quality of the breed and boar semen, we also have great cooperation with our customers, official association and colleges by collecting and analyzing each production data and tracing back to the breeds. Therefore, our friends can have better raising rate, farrowing rate, litter size and profits compare to others even in general high stress environment, like temperature challenge and disease outbreak.

An AI station also have responsibility to educate their clients the advantage of using

pathogen-free boar semen, for example,

- Reduced virus and disease transmission.
- Good semen quality can provide stable production.
- Improving efficiency of the breeding herd.
- Easier genetic gain and rapid improvement.
- Saving time and money for farmers and the government.
- Better and safe working environment.

Shui-Po AI station has worked on these concepts for many years, and also have great feedback from the fields that our dose-selling business expands 20% this year. This indicates that more and more farmers indeed consider about working with the certificated, professional AI stations to increase their efficiency of the pork production in the future.

母豬繁殖性能好  
肉質純淨率高

老配種豬精液  
(全年無休·全場維持15~20℃)

**水波種畜場國際認證AI站 值得您信賴的合作夥伴**  
通過ISO 9001:2008國際品質認證 中央畜產會評鑑為核心人工AI站(十一連霸)

官豬 L0894-11	藍豬 L0973-13	藍豬 L0833-08
粉豬 L0401-09	粉豬 L0104-12	粉豬 Y1123-08
黑豬 Y1106-07	黑豬 Y1109-15	黑豬 Y1106-10
紅豬 Y1059-15	黑豬 06111-10	黑豬 06130-06
黑豬 06104-05	黑豬 06146-02	黑豬 06148-07

**水波種畜場國際認證AI站**  
Shui-Po Breeding Farms International Certification AI Station

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