

種豬場假性狂犬病清除策略之成果及輸出種豬案例分享

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摘要

農委會於 100 年起推動種豬假性狂犬病（簡稱 PR）清除政策，提供下游肉豬場或輸出時清淨的種原。本所配合政策於種豬場進行重要豬隻疾病監測，近年來 PR gE 抗體總陽性率平均值介於 0.43~10.62%，遠低於 100 年時 23.7%，且經認證為 PR 陰性場種豬場數增加至 15 場，研究結果顯示部分種豬場執行 PR 清除策略及持續輔導並採取積極措施後，gE 抗體陽性率大幅降低甚至通過審核認證為陰性場，而其亮點成果之一便是得以輸出種豬至越南、香港等地，目前種豬輸出案的檢疫程序是採「專案處理」模式配合輸入國檢疫條件，能成案的關鍵在於輸入國的需求，其他權責單位協助種豬業者辦理相關作業，在檢驗實驗室協助的工作項目主要是提供檢驗服務與報告證明書，不同輸入國會要求提供針對不同的豬隻疾病檢驗報告，甚至在不同時期還會調整檢疫條件與疾病項目，檢驗實驗室可協助提供業者專業諮詢服務，於輸出作業前儘量與輸入國溝通對雙方有利的檢疫條件。

Results of a pseudorabies eradication program on swine breeding farms and case studies on the export of breeding pigs

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Abstract

In 2011, the Taiwanese Council of Agriculture initiated a pseudorabies (PR) eradication program on pig breeding farms and has started providing PR-free breeding pigs to downstream pig farms and for export. To support the program, the Animal Health Research Institute monitors selected and important swine diseases in breeding pigs. The positive rates of gE antibody ranged from 0.43% to 10.62% in recent years and were significantly decreased from rates as high as 23.7% in 2011. Currently, 15 PR-free swine breeding farms have been approved by the certification committee. Some swine breeding farms took active policy measures and kept following the PR eradication program after the initial participation. One of the recent significant achievements was the successful export of breeding pigs to Vietnam and Hong Kong. Project-oriented quarantine procedures for the export of breeding pigs used the requirements of importing countries as a guide and the needs of the importing countries was a key factor. In addition, other related authorities assisted the pig breeding farms in their export. The main responsibilities of the laboratory were to provide testing services and certification reports. However, tests for a specific set of swine diseases are typically required for each importing country. The set of swine disease tests may also change in terms of timing or the stage of diseases that is highly dependent on quarantine or outbreak conditions on the ground. The AHRI can also provide professional consultation to pig breeding farms and help with negotiations with importing countries regarding quarantine procedures that are advantageous to both sides before export.