

Nitchanate Saramunee 2006: Satisfaction of Pig Farmers on Boar Auction from National Swine Research and Training Center. Master of Science (Agriculture), Major Field: Agricultural Extension, Department of Agricultural Extension and Communication. Thesis Advisor: Associate Professor Savitree Rangsihaht, Ph.D. 135 pages. ISBN 974-16-1713-5

This research was aimed to study satisfaction of farmers who bought swine from the auction of the National Swine Research and Training Center by focusing on factors involving swine and the farmers who bought swine from the auction. A studied group consisted of farmers who bought swine from the auction of the National Swine Research and Training Center. Using questionnaire and interview, data were collected from 81 farmers. The collected data were analyzed by using percentage, mean, t-test, F-test.

According to the results, almost all farmers who bought swine for breeding from the auction were farm owners. They were 41 to 50 years old from southern part of Thailand. The most popular swine for auction was Duroc. Almost all boars were reproduction for 3-4 years. Type of housing was open house the most. The major problems were semen quality and libido of the boars. However, in overall, farmers who bought swine for breeding from the auction had reasonably high satisfaction.

From hypothesis testing, it was found that there was no significant difference of satisfaction from factors involving boars, objectives of auction, and precipitating the auction. However, there was significant difference of satisfaction from the confidence in swine testing and breeding farms ( $p < .05$ ).

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Thesis Advisor's signature

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